CITY OF GARLAND
2015 CAPITAL IMPROVEMENT PROGRAM

Growing Garland . . .

CITY CENTER

OAKS 5TH STREET CROSSING AT CITY CENTER

CITY HALL

Santa Fe Depot – Main Street
(Pre-1972)

. . . while Honoring the PAST

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2015
Capital Improvement Program

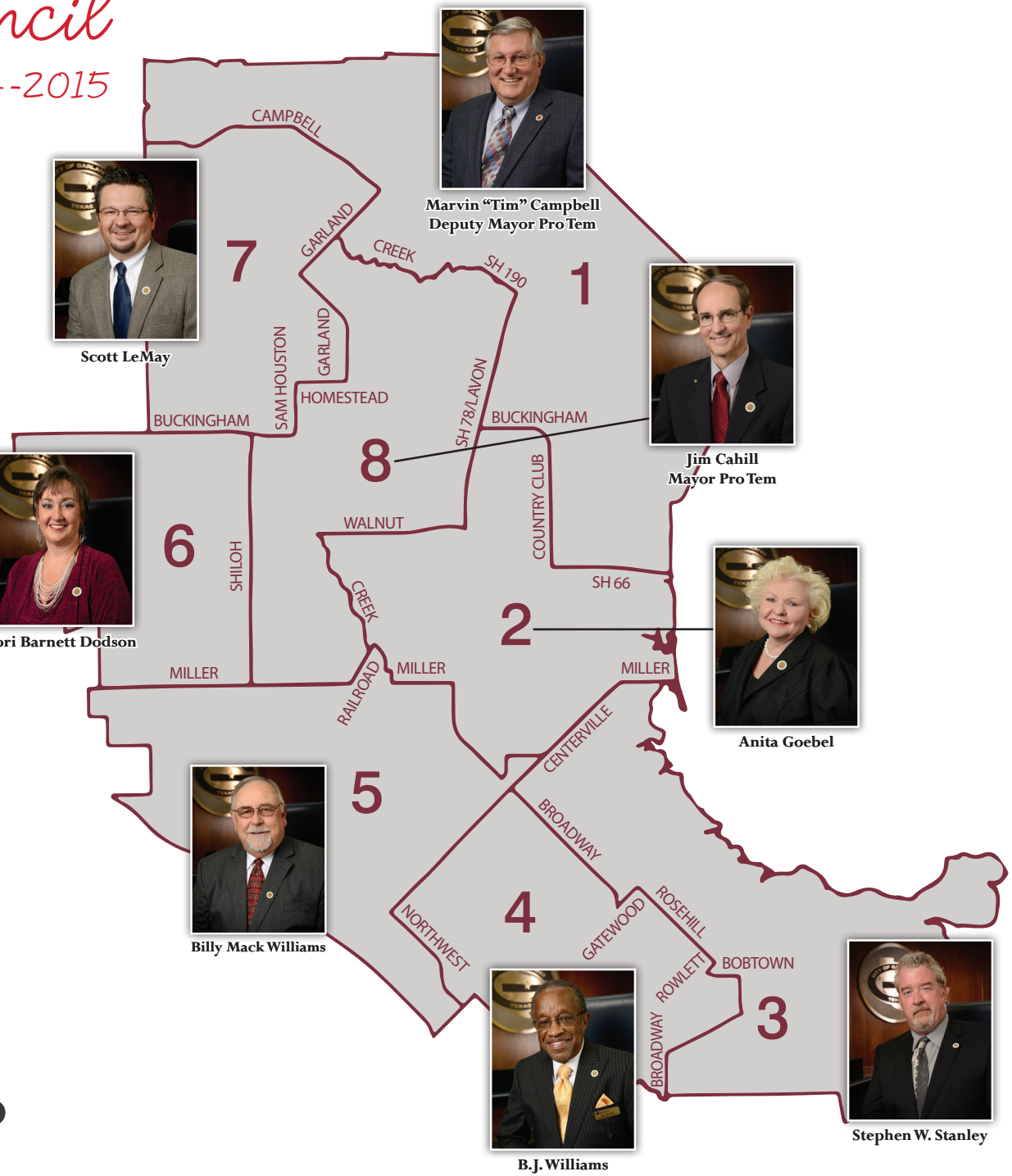
City Council

***Seated, Left to Right*: Jim Cahill (Mayor Pro Tem), Douglas Athas (Mayor), and Tim Campbell (Deputy Mayor Pro Tem)**
***Standing, Left to Right*: Lori Barnett Dodson (District 6), Billy Mack Williams (District 5), Stephen Stanley (District 3), Scott LeMay (District 7), B.J. Williams (District 4), and Anita Goebel (District 2)**

William E. Dollar, City Manager

City Council

2014-2015



Marvin "Tim" Campbell
Deputy Mayor Pro Tem

Scott LeMay

Jim Cahill
Mayor Pro Tem

Lori Barnett Dodson

Anita Goebel

Billy Mack Williams

B.J. Williams

Stephen W. Stanley

Mayor Douglas Athas

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GARLAND, TEXAS
COMMUNITY PROFILE

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 12th largest city in Texas, Garland covers 57 square miles and is bordered by three major freeways: Interstate Highway 635, Interstate Highway 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 233,206. Garland has an estimated 80,573 housing units and an employment base of approximately 113,684.

Population, Housing Units*, Employment
(Estimates)

	2010	2013	Growth
Population	226,876	233,206	6,330
Housing Units	78,722	80,573	1,851
Employment	104,383	113,684	9,301

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. In 2010, the city's population was 57.5% White, 14.5% African-American, 9.4% Asian, 15.3% other, 3.3% two or more races, and 37.8% Hispanic/Latino (of any race). More than half 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. Per a 2012 American Community Survey, the mean household income in Garland was $62,773. Per the Dallas Central Appraisal District (DCAD), the average market value for detached single-family residences in Garland for 2014 was $116,360.

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. The city is one of the largest manufacturing cities in the state and is home to companies such as:

Arrow Fabrication Tubing
Atlas Copco Drilling Solutions
Carroll Company
Daisy Brands, Inc.
Ecolabs, Inc.
General Dynamics Corp.
Interceramic, Inc.
Kingsley Tools
Kraft Foods
L-3 Communications
Mapei Corporation
Metalwest, LLC
Packaging Corp. of America
Plastipak Packaging
Raytheon Corporation
Sherwin-Williams Company
Valspar Corporation

The city has a growing retail base with developments such as Firewheel Town Center, an open-air mall featuring numerous department stores and specialty shops, as well as Bass Pro Shops on Lake Ray Hubbard. With the 9.9-mile expansion of the President George Bush Turnpike from State Highway 78 to Interstate Highway 30, connecting the southeastern area of Garland to the northeastern section, additional retail development is expected within Garland.

Downtown Garland

As plans for new development continue to take shape, redevelopment and revitalization in Downtown Garland remain a focus for the City. Several projects that have changed or will change the face of Downtown include:

- **Oaks Fifth Street Crossing:** This 180,000 square-foot mixed-use development features apartments on the upper levels as well as shops and businesses on the ground level. It is conveniently located within walking distance of the Dallas Area Rapid Transit (DART) Garland Station. The facility also includes a multi-level parking garage for residents as well as visitors and area workers.

- **Charles E. Duckworth Utility Services Building:** Garland Power & Light and the City's Utility Customer Service operations and Tax offices are located Downtown in the Charles E. Duckworth Utility Services Building, which opened in June 2010. The eco-friendly building is energy-efficient and was built to LEED (Leadership in Energy and Environmental Design) standards. It also houses the Convention and Visitors Bureau at street level to serve the general public and visitors to Garland. Also, the City's Utility Payment Drive-Thru has been relocated in Downtown Garland.

- **Richland College - Garland Campus:** Another important part of Garland's Downtown revitalization includes the addition of the Richland College - Garland campus. Offering specialized corporate and workforce training, the campus provides numerous continuing education opportunities that are convenient for employees who work for local and regional businesses. This facility with its unique design was also built to LEED standards.

- **City Center Development:** Taking advantage of transit-oriented development opportunities near Garland's DART rail station, the next phase of mixed-use development is occurring in partnership with Oaks Properties, LLC. During the next year, much of the construction activity in Downtown will be focused around the City Center Development. This development will add about 153 apartment units next to City Hall in addition to the existing units built in 2008 at Oaks Fifth Street Crossing. Plans include a parking structure with approximately 330 spaces to serve the public, residential tenants, and those accessing City Hall; a re-skinned City Hall façade; as well as public open space adjacent to the Granville Arts Center.

In preparation for the construction around City Hall, the Landmark Depot Museum (the former Santa Fe Depot) and the Pullman railcar were moved to a green space developed south of Walnut Street between Glenbrook Drive and Fifth Street. This area, known as Heritage Crossing, was dedicated in May 2014 and showcases the depot and railcar and highlights Garland's rail history. The 1910 Pullman railcar is currently undergoing exterior refurbishment, and additional landscaping will eventually be completed in all four quadrants of Heritage Crossing.

The grand opening of Sixth Street extension in May 2014 effectively created four quadrants to Heritage Crossing as well as opening a new entryway into the Historic Downtown area of Garland. This extension additionally connects Downtown to the Richland College - Garland campus.

Two historic homes (Pace and Lyles) are associated with the Downtown Redevelopment project. The Lyles house will be moved to an area adjacent to the Pullman railcar to complete the structures within Heritage Crossing. The Pace house has been turned over to private ownership and relocated to the newly-designated Travis College Hill Historic District.

Historical District

A Garland neighborhood, now known as the Travis College Hill Addition, was recognized by the Garland City Council as “historically significant,” the first in the city to be formally designated as such. This neighborhood, encompassing the area on South 11th Street between West Avenues B and D, is one of the oldest subdivisions within the city. The cluster of eleven homes represents one of the best collections of historic homes in Garland, including six that date to the original era (circa 1913) and several homes built in the “Craftsman” architectural style.

Tourism

Garland's logo, featuring "Texas Made Here" (see example on following page), is being used in branding and marketing efforts both within the Metroplex and statewide. The marketing efforts help position Garland as a location for hosting association and corporate meetings as well as local, regional, and national sporting events.

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Garland has recently attracted several new events including the Professional Anglers Association Bass Pro Shops Series Tournament and the Southwestern Athletic Conference Men's and Women's Basketball Tournament. State association groups making Garland a destination include the Texas Solid Waste Association, the Texas Municipal League, and the Texas Film Commission.

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, 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. On Saturday nights, Downtown visitors also enjoy live bluegrass music provided by the Garland Square Pickers.

The City's Christmas on the Square continues to be a favorite community event. This holiday celebration features fun, family activities such as a traditional tree-lighting ceremony, snow hills for sledding, choir performances, and photos with Santa.

Government 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 323 sworn Police Officers and 254 sworn Fire personnel. Garland has 11 fire stations and several public safety training facilities. Residents enjoy an abundance of recreation opportunities with 63 parks covering more than 2,500 acres as well as six recreation centers 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 also is home to Firewheel Golf Park, the largest municipal golf course in Texas, with 63 holes of championship-style golf.

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

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CIP MESSAGE

GARLAND

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March 18, 2015

Honorable Mayor and City Council
City of Garland, Texas

I am pleased to present the 2015 Capital Improvement Program (CIP) for the City of Garland. The CIP reflects the planned investments for the next five years in the City's infrastructure, municipal facilities, specialized equipment, and economic development initiatives. In particular, the CIP details a $192.8 million work program for the 2015 calendar year that focuses on rehabilitating and improving city streets, meeting critical Public Safety needs, providing necessary enhancements in the City's utilities, and continuing progress on the exciting transformation of Garland's Historic Downtown.

The tax-supported portion of the CIP totals $79.1 million and is heavily weighted toward Street and Transportation projects, most of which were approved as part of the 2004 Bond Program. In addition, a new Street Reconstruction and Improvements Program is included that will provide additional resources each year to rehabilitate city streets through the issuance of Certificates of Obligation. This CIP project, coupled with an anticipated increase in Tax Note proceeds, is projected to provide an additional $4.5 million each year. Also new in 2015 is funding related to aesthetic enhancements to the sound wall being constructed along LBJ Freeway between La Prada and Centerville.

Economic Development is also emphasized with the transformation of Downtown through continuation of the City Center Development, initial design work related to constructing gateways at entry points to Downtown, and the redesign of the Downtown Square. The CIP also places a high priority on Public Safety needs, including the continued construction of a new Fire Station No. 5, the replacement of Fire apparatus, and the replacement of the almost $13.9 million radio system needed to maintain a reliable communication system for Public Safety and other City departments.

In addition, the CIP includes funding for the City's libraries to update and expand the materials collection and to provide for facility improvements. Project highlights in the Park program include design of a dog park, design of a skating/skateboard facility, and expansion of the Audubon Recreation Center. In addition, renovation of the Granger Recreation Center, improvements to Windsurf Bay Park, fencing for the Audubon and Winters Soccer Complexes, ongoing trail development, and park playground improvements are included. Furthermore, the tax-supported portion of the CIP includes the replacement of several pieces of critical equipment at the Hinton Landfill and Transfer Station and for the Street Department.

The revenue-supported portion of the 2015 CIP includes $112.9 million in projects related to City utilities. Within this amount, $3.0 million is for Environmental Waste Services to replace 14 pieces of the collection fleet and expand the Automated Collection Single Stream Recycling Program. Water projects included in the 2014 CIP total $21.1 million and include construction of

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972-205-2000
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a 2.5-million-gallon elevated storage tank as a part of the West Pressure Plane Improvements project. The Wastewater program is $39.5 million and will focus on biosolids rehabilitation and odor abatement at the Rowlett Creek Treatment Plant. Finally, a total of $48.8 million is for Garland Power & Light (GP&L) infrastructure with the largest portion of funding directed to transmission lines which includes the construction of a 345 kV line from the Limestone to the Gibbons Creek Substation (Houston Import project). This project is a joint venture with Cross Texas Transmission and will allow for Garland Power & Light to receive additional transmission revenue each year that is in excess of the cost related to the line.

Debt Issuance

The $192.8 million program will require the issuance of $21.0 million in tax-supported debt, consisting of $4.3 million in General Obligation (GO) authorized Commercial Paper and $16.7 million in Certificates of Obligation (COs). The revenue-supported portion of the program will require debt issuance totaling $46.5 million, which includes $3.1 million in COs and $43.4 million in Revenue Bond authorized Commercial Paper.

Tax and Utility Rate Impacts

In keeping with Council's goal, no increase in the Property Tax Rate for fiscal year 2015-16 is anticipated to fund the CIP Budget. The 2015 CIP is, however, projected to contribute a modest amount toward the rate increase already anticipated for Water in 2015-16. The CIP would also contribute $0.25 a month toward residential Stormwater rates and approximately 1.5% to residential Wastewater rates.

I believe the 2015 CIP meets the Council's goal of striking a balance between addressing critical infrastructure needs and minimizing the tax impacts on our citizens and businesses. Furthermore, the CIP allows Garland to bring greater economic vitality to its core Downtown. I am confident that the program continues to move us toward the progressive vision set by the City Council while guarding the integrity of the City's financial health.

Respectfully submitted,

William E. Dollar
City Manager

OVERVIEW

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) 2014 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 2015 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.

2014 CIP STATUS

The 2014 CIP Status section is divided into three parts. The first shows the completion rate of the 2014 CIP for each program area. The second reflects each project included in the 2014 CIP, the completion date estimated at the time the CIP was adopted, and the revised completion date as submitted by departments in October 2014. The third provides a schedule, by project, of estimated outstanding expenditures of funds from the 1991, 1997, and 2004 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 approved 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 adopting the 2015 CIP (Ordinance No. 6761); the 2004, 1997, and 1991 Capital Improvement Bond Referendums by Proposition; a Summary of Programs; a CIP Fund Allocation by Program and by Project; Downtown Area Catalyst Improvements; 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 proposed 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 towards retiring the debt. The combined amortization of the CP and Bonds is set so as not to exceed 20 years.

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 are requesting to begin 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 20-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 2014-15 Ad Valorem Tax Rate of 70.46 cents per $100 of valuation, 31.06 cents or 44% is dedicated to Tax-Supported Debt Service.

2014-15 Ad Valorem Tax Rate
(Cents per $100 of Valuation)

Operations and Maintenance	39.40 cents
Debt Service	31.06 cents
Total Ad Valorem Rate	70.46 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	1,710,000
Total 1997 Authority	$126,080,000

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

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	23,745,000
Total 2004 Authority	$223,745,000

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

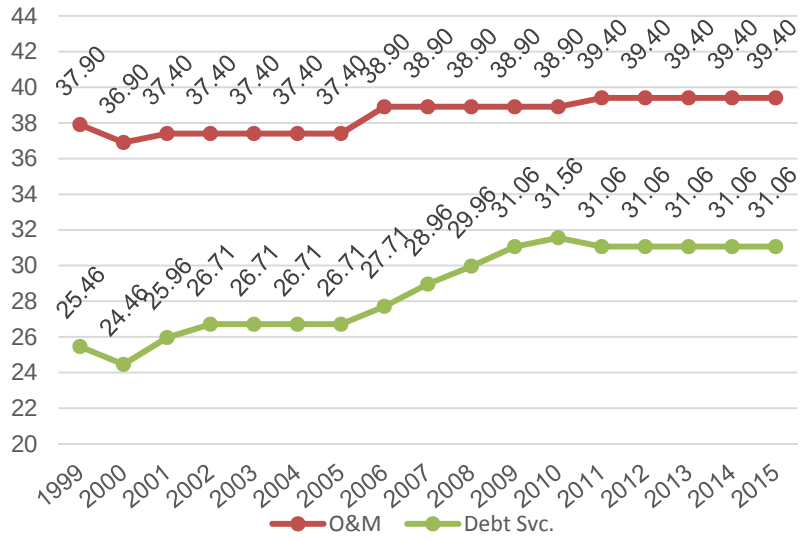
Detailed schedules reflecting the remaining 1997 and 2004 Bond projects are in the 2014 CIP Status section of the CIP. These schedules indicate the funding and estimated date of completion for each project. Similar information is also included for the remaining projects authorized in the 1991 Bond Referendum.

It should be noted that the decline in property tax revenue experienced during the recession and the desire to maintain tax rates at current levels have caused material delays in the implementation of the 2004 Bond Program.

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 primarily to the elongation of the programs, the net change in the Debt Service Tax Rate has been held to 5.6 cents. In addition to covering GO Bond projects, the 5.6-cent increase has also covered the Debt Service related to tax-supported CO projects.

Historical
Adopted Ad Valorem Tax Rates
(In Cents)



2015 CAPITAL IMPROVEMENT PROGRAM
OVERVIEW

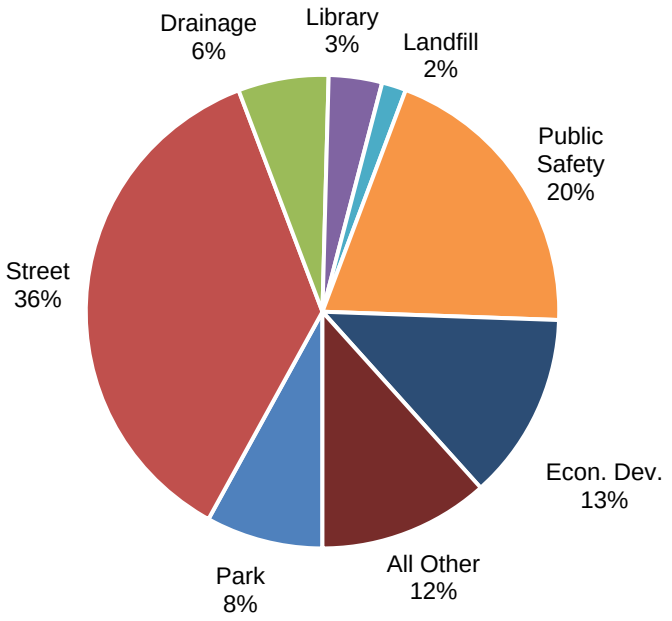
2015 Program Expenditures

The 2015 CIP totals $192.8 million and includes the following program areas and expenditure amounts:

Program Areas	Expenditures
Tax-Supported Programs:	
(1) Park	$ 6,325,000
(2) Street/Transportation	28,652,000
(3) Drainage	4,885,000
(4) Library	2,886,000
(5) Landfill/Transfer Station	1,312,000
(6) Public Safety	15,685,000
(7) Economic Development	10,113,000
(8) Facilities and Miscellaneous	9,212,000
Total Tax-Supported	79,070,000
Internal Service Programs:	
(1) Information Technology	410,000
(2) Fleet Services	417,000
Total Internal Service	827,000
Utility Programs:	
(1) Stormwater Management	500,000
(2) Environmental Waste Svcs.	2,957,000
(3) Water	21,142,000
(4) Wastewater	39,490,000
(5) Electric	48,785,000
Total Utility-Supported	112,874,000
Total 2015 CIP	$192,771,000

The 2015 CIP reflects an increase of approximately $19.0 million (10.9%) from the 2014 Capital Budget of $173.8 million. The increase is primarily due to a $19.1 million increase in the Wastewater Utility Program. The Tax-Supported program increased by $4.9 million (6.6%) from the 2014 Capital Budget of $74.2 million. Of the total $79.1 million in Tax-Supported programs, $17.2 million (21.7%) is related to 1991, 1997, and 2004 Bond projects funded from authorized debt.

2015 Tax-Supported Programs



2015 CIP Funding Sources

Of the total $192.8 million 2015 CIP, $90.7 million (47.0%) is carry-over from previous Capital Budgets, $92.3 million (47.9%) represents additional funding for projects begun in prior years, and $9.8 million (5.1%) is related to projects being initiated for the first time in 2015. Funding the 2015 CIP work program will require new debt issuance of $67.5 million compared to $48.9 million in 2014. Of the $67.5 million, $46.5 million is in the City's Utilities. Specifically, funding will come from the following sources:

Funding Sources	Tax-Supported Programs	Internal Services	Utility Programs	Total 2015 CIP
Current Funds:				
Cash Available	$30,408,000	$827,000	$ 46,049,000	$ 77,284,000
Intergovernmental Participation	14,741,000			14,741,000
Total Cash and Transfers	45,149,000	827,000	46,049,000	92,025,000
Debt Issuances:				
Prior-Year Approved Commercial Paper (CP)	12,946,000	0	20,320,000	33,266,000
2004 GO Bonds (CP)	4,276,000			4,276,000
2015 Certificates of Obligation (COs)	16,699,000		3,093,000	19,792,000
2015 Electric (CP)			12,492,000	12,492,000
2015 Water & Wastewater (CP)			30,920,000	30,920,000
Sub-Total New Debt Issuance	20,975,000	0	46,505,000	67,480,000
Total 2015 CIP Funding	$79,070,000	$827,000	$112,874,000	$192,771,000
Project Allocations:				
Existing Funding for Previously Approved	$36,927,000	$827,000	$ 52,907,000	$ 90,661,000
Continuation Funding for Previously Approved	35,963,000		56,360,000	92,323,000
Funding for New Projects	6,180,000		3,607,000	9,787,000
Total Adopted 2015 CIP	$79,070,000	$827,000	$112,874,000	$192,771,000

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 2015 CIP.

Anticipated
2015-16 Debt Service Tax Rate
(Cents per $100 Valuation)

Current Rate	31.06 cents
2015-16 Increase	0.00 cents
Total Debt Service Tax Rate	31.06 cents

The tax rate will not actually be set by the City Council until September 2015 as part of the adoption of the Annual Operating Budget.

Utility Rate Impacts and Projections

Water – Commercial Paper issuances of $15.5 million to fund the 2015 Water Utility CIP, which equates to approximately a 3% increase in Water rates. The total rate increase projected for 2015-16 is 19.8% due to significant drops in water consumption resulting from a drought contingency plan, increased cost for water purchases from the North Texas Municipal Water District (NTMWD), and increased cost to maintain and improve the water infrastructure.

Wastewater – Commercial Paper issuances of $15.4 million is required to fund the Wastewater Utility 2015 CIP, which equates to approximately a 1.5% Wastewater rate increase. This projected rate increase is mostly due to costs associated with biosolids handling and treatment equipment needed to comply with State and Federal regulations.

Electric – Commercial Paper issuances of $12.5 million are required to fund the Electric Utility's 2015 CIP program. Since Electric rates are market-based and not tied to cost-of-service, no direct rate impact is anticipated to customers as a result of the 2015 CIP.

Environmental Waste Services (EWS) - Delivery – A CO debt issue of $2.6 million to fund the replacement of aging EWS - Delivery equipment and the continuation of the Single Stream Recycling Program will require approximately $495,000 in new Debt Service payments for FY 2015-16 which is not anticipated to impact residential trash collection rates in FY 2015-16.

Stormwater Management – A CO debt issue of $500,000 to fund the replacement of aging equipment required to maintain drainageways will require approximately $80,000 in new Debt Service payments for FY 2015-16. This increase equates to approximately $0.25, or 9%, added to the monthly residential rate. The total residential rate increase is projected to be $0.50, or 17%, in FY 2015-16.

Program Overviews

The following sections include an overview of the 2015 projects in each of the program areas.

Park – $6,325,000

Projects scheduled to start design work in 2015 include Audubon Recreation Center expansion, the creation of a Dog Park at a location to be determined, and a Skating/Skateboard Facility. In addition, funding for renovations to the Granger Recreation Center and fencing for the Audubon and Winters Soccer Complexes is included in 2015. Also, work will continue on repaving parking lots, trail development, and various other park/playground improvements.

Projects to be completed in 2015 include Windsurf Bay Park; paving of the Downtown Square reflecting pool; Bradfield, Wynne, & Holford pools renovation; and updating of water play equipment at Surf & Swim.

Street/Transportation – $28,652,000

Street/Transportation projects expected to begin construction in 2015 include the Oates Road - Broadway to Rosehill, Shiloh Road - I.H. 635 to Kingsley, and Pleasant Valley Road Bridge.

New projects in 2015 include design work for Waterhouse - Bobtown to Hayman and design/construction costs related to aesthetic enhancements to the sound wall being constructed along LBJ Freeway between La Prada and Centerville.

In addition, a Street Reconstruction and Improvements program is new in 2015, which will provide additional resources each year to rehabilitate city streets through the issuing of Certificates of Obligation. This CIP project, coupled with an anticipated increase in Tax Note proceeds is projected to provide an additional $4.5 million each year.

Projects scheduled for completion in 2015 include Dairy Road - E. Celeste to Broadway, Northwest Hwy. - Centerville to La Prada, Miller Road Bridge, and Pleasant Valley - Firewheel Pkwy. to Richfield.

Ongoing Street/Transportation programs to be continued in 2015 include street and alley petition, sidewalk programs, railroad crossing improvements, new traffic signal installations, signal equipment modernizations, traffic control system improvements, emergency services signal equipment installations, and operational and safety improvements.

Drainage – $4,885,000

The Drainage program for 2015 includes funding for design work related to improvements in the vicinity of Parkmont, Classic, and Yale Drives; continuation of the petition and local flooding programs; and bridge remediation. Also, Downtown drainage improvements are scheduled to be completed in 2015 as a part of the Downtown Redevelopment Program.

Library – $2,886,000

Continuing Library projects for 2015 include funding to rebuild the library materials collection, to continue converting existing material from the current barcode system to an RFID (Radio Frequency Identification Delivery) system, and for various other facilities upgrades to existing Library buildings.

Public Safety – $15,685,000

Public Safety projects in 2015 include ambulance remounts, construction of the new Fire Station No. 5, replacement of an aerial apparatus, and replacement of emergency response safety equipment.

Also included in the 2015 Public Safety program is funding for the implementation of a new P25 standard radio system to be used by Police, Fire, and other City departments. The current radio system is at end-of-life, and continued support of this system will be terminating just prior to 2016. Additionally, the P25 technology is needed to meet interoperability standards being mandated by the State.

The replacement of this system is critical to maintain a reliable communication system for Public Safety and other City departments but comes at significant cost and impact to the CIP. Based on requests for proposal received in early 2015, the total cost of this project is anticipated to be $13.9 million and will be spread between 2015 and 2016. Approximately half of the system's costs will be tax-funded, with the remaining half funded by the City's Utilities.

Economic Development – $10,113,000

The Economic Development projects include those expected to improve neighborhoods and commercial business areas of the city with a majority of the program focusing on the continuation of the City Center Development and other Downtown Catalyst Area Improvements.

The City Center Development consists of the construction of a mixed-use development that will add 153 multi-family residential units to the existing 188 units built in 2008 at the Oaks 5th Street Crossing. Funding for this portion of the project will come solely from a private investor. However, the City is providing the site ready for development and constructing a parking structure with a minimum of 330 spaces to serve the public, residential tenants, and those using City Hall; re-skinning the City Hall façade; and relocating the Garland Landmark Museum, rail car, and Lyles House to Heritage Crossing. In addition, enhancements to the streetscape along State, Fifth, and Austin Streets as well as the creation of public open space adjacent to the Granville Arts Center are included. This project request appears in the Economic Development section (Page ED10) of the CIP.

In addition, further details on the City Center project and other Phase 2 Downtown Catalyst Area Improvements are listed together under *Appendix D – "Downtown Catalyst Area Improvements."*

Other Downtown improvement projects included in the 2015 CIP include initial design work related to constructing gateways at critical entry points to Downtown and the redesign of the Downtown Square.

Also included in the Economic Development section is funding to continue the Neighborhood Vitality Grant Program.

Municipal Facilities and Misc. Tax Supported – $9,212,000

The Municipal Facilities and Miscellaneous Tax Supported work program encompasses improvements to various City facilities as well as the acquisition of equipment.

The 2015 program includes the continuation of renovations and foundation repair to the Carver 3 building and code and safety updates to City Hall.

In addition, continued construction of a sound studio at City Hall and the replacement of audiovisual presentation systems in the Council Chambers and Work Session Room are included with funding coming from Public, Educational, and Government (PEG) Fees levied on cable TV bills.

Other ongoing projects include improvements and upgrades to HVAC systems throughout the City; facilities upgrades to City Hall and other municipal facilities; roof replacements; fire alarm, fire safety and security system upgrades; parking lot upgrades; HVAC system replacement for City Hall; infrastructure equipment replacement; and Firewheel Golf Park equipment replacement and other golf park improvements.

Miscellaneous Revenue Supported and
Internal Service – $4,284,000

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

Active projects that will be continued in 2015 include extending fiber optic cable, a waiting area / break room for Fleet Services, fuel tank automation and monitoring, and upgrading network and cabling at various City facilities.

A new project for the replacement of a hydraulic excavator, a tractor truck, and a haul trailer in the Stormwater Management operations is included in 2015.

In addition, the 2015 CIP includes new projects for the replacement of 14 pieces of equipment used in the Environmental Waste Services (EWS) - Delivery operations. The equipment requested for EWS includes a recycling truck, three residential side-loaders, two rear-load residential trucks, two knuckle boom trucks, four brush trailers, and two brush tractor trucks. These pieces of equipment are beyond their useful life and are requiring excessive ongoing repair and maintenance costs.

Also included in the 2015 CIP for EWS - Delivery is 95-gallon recycling containers for the implementation of Phase 4 of the Automated Collection Single Stream Recycling Program.

Landfill/Transfer Station – $1,312,000

New projects for 2015 include replacement of five pieces of equipment used to compact, handle, transport, and apply cover to refuse at the Hinton Landfill and Transfer Station as required by permit. These critical pieces of equipment are past their useful lives and are requiring extensive maintenance to keep operational.

The equipment requested includes a D8 Dozer at the Hinton Landfill and a Caterpillar Track Loader, Bobcat skid loader, Semi-Tractor Truck, and Transfer Trailer utilized at the Transfer Station.

Water – $21,142,000

The 2015 Water CIP includes the continuation of the West Pressure Plane Improvements project that includes a 2.5-million-gallon elevated storage tank to be constructed in southwest Garland.

Also included is funding for transmission mains, water distribution line construction, relocation of mains prior to paving, replacement of water pump station equipment, fire hydrant installations, and radio read water meter installation.

Wastewater – $39,490,000

The Wastewater program for 2015 includes infiltration correction, sewer collection mains, cured-in-place pipe main and lateral rehabilitation, relocation of mains prior to paving, lift station abandonment, and Rowlett and Duck Creek Wastewater Treatment Plants improvements.

The Wastewater Treatment Plants improvements make up a majority of the funding requested in 2015 and will focus on biosolids rehabilitation and odor abatement at the Rowlett Creek Treatment Plant.

In addition, beginning design work to increase the sanitary sewer system capacity in the S.H. 190 Catalyst Area is to begin in 2015.

A significant portion of the work to be completed in Wastewater is required in order to comply with State and Federal environmental regulations.

Electric – $48,785,000

The 2015 Electric CIP includes construction of transmission lines, substations, overhead and underground distribution lines, street and thoroughfare lighting, residential construction, communications upgrades, commercial and industrial construction, relocation of facilities, and production construction and upgrades.

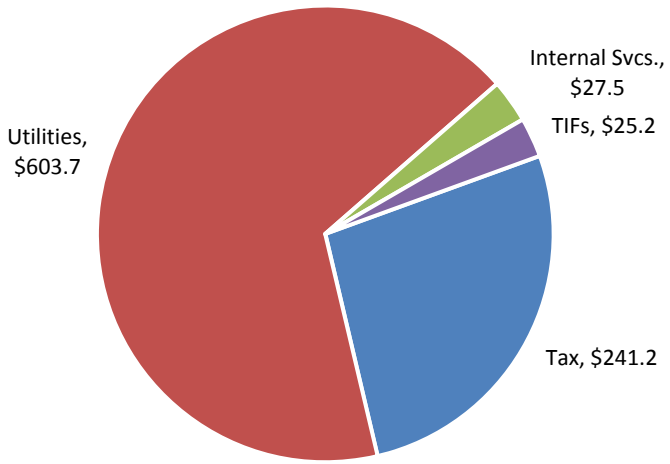
New projects in the Electric CIP Program for 2015 include funding to construct a 345 kV transmission line from the Limestone to Gibbons Creek substations (Houston Import Project). This project is a joint venture with Cross Texas Transmission and will allow for Garland Power and Light to receive additional transmission revenue each year that is in excess of the cost related to the line. Also, included are transmission line and substation improvements from the Olinger generation plant to various Garland Power & Light substations. In addition, the 2015 CIP incorporates a new GP&L/Oncor switching station and associated transmission line improvements to serve increased demands in the Lookout area. The 2015 CIP also introduces Garland Power & Light's LED street light conversion program.

OUTSTANDING DEBT

Total Outstanding Debt

Including the issuances for the 2015 CIP, Garland's total outstanding debt is projected to be $897.6 million by the end of the 2014-15 fiscal year. Of this amount, $241.2 million is tax-supported, and eventually, $22.5 million is to be supported by the I.H. 30 TIF and $2.7 million by the Downtown TIF. The remaining $631.2 million is supported by the Utilities and Internal Service Funds.

Projected Outstanding Debt
(In Millions)



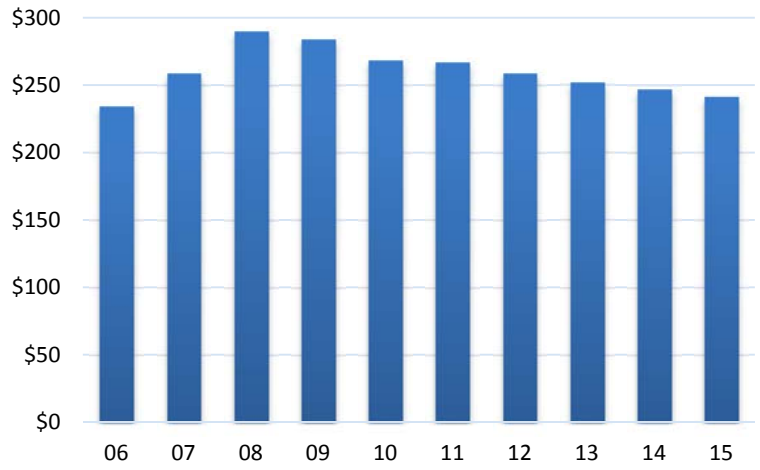
Projected Outstanding Debt
FYE 2014-15

Tax-Supported Debt:	
General Obligation Bonds	$171,510,000
Certificates of Obligation	52,659,000
Commercial Paper	16,987,000
Total Tax-Supported Debt	241,156,000
Revenue-Supported Debt:	
General Obligation Bonds	48,355,000
Certificates of Obligation	159,938,000
Revenue Bonds	359,185,000
Commercial Paper	63,732,000
Total Revenue-Supported Debt	631,210,000
TIF-Supported Debt - Harbor Point	22,490,000
TIF-Supported Debt - Downtown	2,710,000
Total Projected Outstanding Debt	$897,566,000

Tax-Supported Outstanding Debt

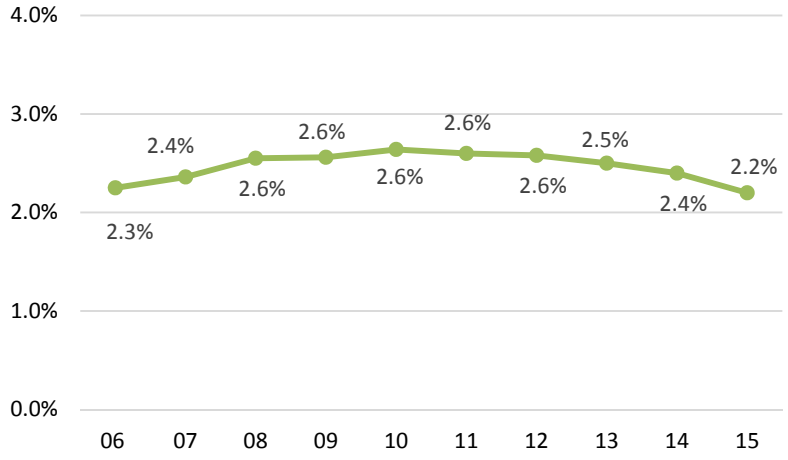
Assuming no project delays, long-term tax-supported debt is projected to be $241.2 million by the end of FY 2014-15. This reflects an increase of $6.8 million (2.9%) since 2006 with most being attributable to the 1997 and 2004 Bond Programs. Tax-supported debt levels peaked in 2008 at $290.4 million and have since declined by approximately $49.2 million or 16.9%.

Historical Tax-Supported Debt Levels
(In Millions)

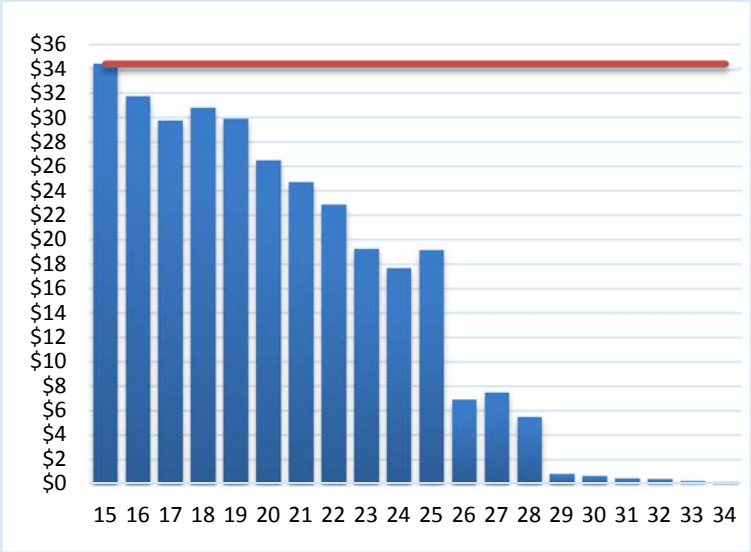


While the State of Texas does not place a debt limitation on Home-Rule cities, Council financial policies restrict tax-supported debt to 5% of the assessed valuation of taxable property. Projected tax-supported long-term debt equates to 2.2% of Garland's 2015 estimated tax base, which is well below the 5% limitation.

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



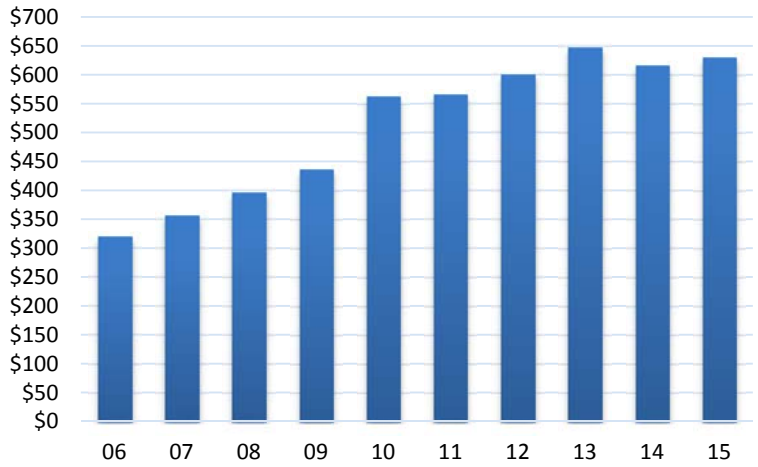
Tax-Supported Existing Debt Service
(In Millions)



Revenue-Supported Outstanding Debt

Revenue-supported debt is projected to reach $631.2 million by the end of FY 2014-15. This reflects an increase of $311.3 million over the past ten years, with most of the increase coming from the City's Electric and Water Utilities.

Revenue-Supported Debt Levels
(In Millions)



The following table reflects the projected revenue-supported debt outstanding by the end of FY 2014-15 and the change in outstanding obligations from ten years ago for each area.

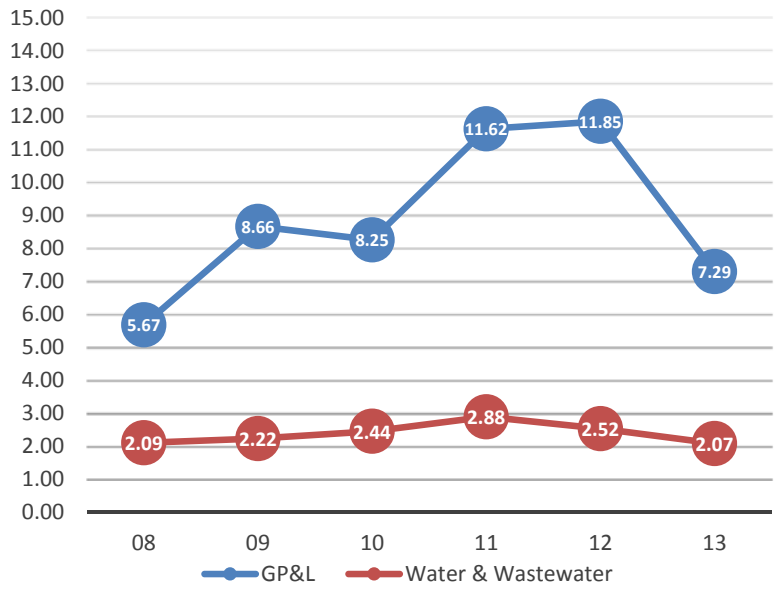
Projected Revenue-Supported Outstanding Debt
FYE 2014-15
(In Millions)

	Projected Outstanding Debt	Change from 2006
Electric Utility	$348.6	$ 205.8
Water Utility	113.1	75.3
Wastewater Utility	133.3	3.7
Env. Waste Svcs. - Delivery	8.1	5.1
Stormwater	.6	0.6
Internal Service	27.5	20.8
Totals	$631.2	$311.3

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 1.15.

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.

Pledge-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)

	2015	2016	2017	2018	2019	2020 to Completion	Total Expenditures
Tax-Supported							
Park	$ 6,325	$ 2,662	$ 3,420	$ 1,180	$ 250	$ 13,836	$ 27,673
Street	28,652	35,508	16,854	6,136	9,025	59,471	155,646
Drainage	4,885	2,391	500	488	1,000	8,571	17,835
Library	2,886	1,666	1,968	1,050	1,050	1,050	9,670
Public Safety	15,685	5,555	1,928	367	2,355	14,194	40,084
Landfill	1,312	2,425	1,347	1,290	1,164	-	7,538
Economic Development	10,113	2,846	3,207	521	880	7,928	25,495
Municipal Facilities/Miscellaneous	9,212	2,367	1,900	2,150	1,950	-	17,579
Total Tax-Supported	$ 79,070	$ 55,420	$ 31,124	$ 13,182	$ 17,674	$ 105,050	$ 301,520
Revenue-Supported							
Miscellaneous	$ 4,284	$ 3,582	$ 3,343	$ 2,375	$ 2,865	$ -	$ 16,449
Water	21,142	11,375	7,375	5,775	5,775	-	51,442
Wastewater	39,490	18,365	12,310	20,175	32,025	42,360	164,725
Electric	48,785	60,247	93,765	40,374	18,533	-	261,704
Total Revenue-Supported	$ 113,701	$ 93,569	$ 116,793	$ 68,699	$ 59,198	$ 42,360	$ 494,320
Total CIP Expenditures	$ 192,771	$ 148,989	$ 147,917	$ 81,881	$ 76,872	$ 147,410	$ 795,840

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

	2015	2016	2017	2018	2019	2020 to Completion	Total Debt
Tax-Supported							
General Obligation Debt							
Park	$ 548	$ 1,977	$ 1,730	$ 425	$ -	$ 9,046	$ 13,726
Street	1,450	10,094	5,875	2,581	4,788	44,484	69,272
Drainage	1,378	2,391	500	488	1,000	6,371	12,128
Public Safety	-	-	-	-	-	1,025	1,025
Economic Development	900	2,097	620	521	880	6,255	11,273
Total Taxable GO	$ 4,276	$ 16,559	$ 8,725	$ 4,015	$ 6,668	$ 67,181	$ 107,424
Tax-Supported							
Certificate of Obligation							
Park	$ 140	$ 685	$ 1,410	$ 755	$ 250	$ 4,790	$ 8,030
Street	3,283	4,106	5,279	3,555	4,237	14,987	35,447
Drainage	-	-	-	-	-	2,200	2,200
Library	1,071	1,198	1,893	1,050	1,050	1,050	7,312
Public Safety	8,703	5,555	1,928	367	2,355	13,169	32,077
Economic Development	-	-	2,500	-	-	1,673	4,173
Municipal Facilities/Miscellaneous	2,968	2,284	1,900	2,150	1,950	-	11,252
Landfill/Transfer Station	534	2,425	1,347	1,290	1,164	-	6,760
Total Taxable CO	$ 16,699	$ 16,253	$ 16,257	$ 9,167	$ 11,006	$ 37,869	$ 107,251
Revenue Bond/Commercial Paper							
Water	$ 15,548	$ 11,375	$ 7,375	$ 5,775	$ 5,775	$ -	$ 45,848
Wastewater	15,372	18,345	12,290	20,155	32,005	42,360	140,527
Electric	12,492	60,247	93,765	40,374	18,533	-	225,411
Total Revenue Bond	$ 43,412	$ 89,967	$ 113,430	$ 66,304	$ 56,313	$ 42,360	$ 411,786
Revenue							
Certificate of Obligation							
MIS	-	250	-	-	-	-	250
Env. Waste Svcs. - Delivery	2,593	2,832	2,843	1,875	2,365	-	12,508
Stormwate Management	500	500	500	500	500	-	2,500
Total Revenue CO	$ 3,093	$ 3,582	$ 3,343	$ 2,375	$ 2,865	$ -	$ 15,258
Total Debt Issuance	$ 67,480	$ 126,361	$ 141,755	$ 81,861	$ 76,852	$ 147,410	$ 641,719

DEBT ALLOCATION

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

PROGRAM	TOTAL BONDS AUTHORIZED	BONDS ISSUED	APPROVED COMMERCIAL PAPER ISSUE	AUTHORIZATION OUTSTANDING	Bond/Commercial Paper Sales						
					2015	2016	2017	2018	2019	2020 to Completion	Total
Park 1991	$5,144	$5,144	$0	$0	$0	$0	$0	$0	$0	$0	$0
Park 1997	12,370	11,620	514	236	0	236	0	0	0	0	236
Cultural Arts 1997	3,440	3,440	0	0	0	0	0	0	0	0	0
Park 2004	21,680	3,745	4,445	13,490	548	1,741	1,730	425	0	9,046	13,490
TOTAL PARK and CULTURAL ARTS	$42,634	$23,949	$4,959	$13,726	$548	$1,977	$1,730	$425	$0	$9,046	$13,726
Street 1991	$42,497	$42,497	$0	$0	$0	$0	$0	$0	$0	$0	$0
Street 1997	72,210	70,650	0	1,560	0	100	800	0	0	660	1,560
Street 2004	113,370	41,675	3,983	67,712	1,450	9,994	5,075	2,581	4,788	43,824	67,712
TOTAL STREET	$228,077	$154,822	$3,983	$69,272	$1,450	$10,094	$5,875	$2,581	$4,788	$44,484	$69,272
Drainage 1997	$10,570	$10,570	$0	$0	$0	$0	$0	$0	$0	$0	$0
Drainage 2004	28,000	15,425	447	12,128	1,378	2,391	500	488	1,000	6,371	12,128
TOTAL DRAINAGE	$38,570	$25,995	$447	$12,128	$1,378	$2,391	$500	$488	$1,000	$6,371	$12,128
Library 1997	$5,890	$5,890	$0	$0	$0	$0	$0	$0	$0	$0	$0
Library 2004	9,400	8,590	810	0	0	0	0	0	0	0	0
TOTAL LIBRARY	$15,290	$14,480	$810	$0	$0	$0	$0	$0	$0	$0	$0
Public Safety 1991	$7,226	$7,201	$25	$0	$0	$0	$0	$0	$0	$0	$0
Public Safety 1997	19,890	19,090	800	0	0	0	0	0	0	0	0
Public Safety 2004	12,950	11,500	425	1,025	0	0	0	0	0	1,025	1,025
TOTAL PUBLIC SAFETY	$40,066	$37,791	$1,250	$1,025	$0	$0	$0	$0	$0	$1,025	$1,025
Municipal Facilities 1997	$1,710	$1,710	$0	$0	$0	$0	$0	$0	$0	$0	$0
Economic Development 2004	$11,180	$2,010	$1,262	$7,908	$900	$2,097	$620	$521	$880	$2,890	$7,908
Land Acquisition 2004	$3,420	$55	$0	$3,365	$0	$0	$0	$0	$0	$3,365	$3,365
Harbor Point Project 2004	23,745	23,745	0	0	0	0	0	0	0	0	0
TOTAL	$404,692	$284,557	$12,711	$107,424	$4,276	$16,559	$8,725	$4,015	$6,668	$67,181	$107,424
Total 1991	$54,867	$54,842	$25	$0	$0	$0	$0	$0	$0	$0	$0
Total 1997	126,080	122,970	1,314	1,796	0	336	800	0	0	660	1,796
Total 2004	223,745	106,745	11,372	105,628	4,276	16,223	7,925	4,015	6,668	66,521	105,628
TOTAL	$404,692	$284,557	$12,711	$107,424	$4,276	$16,559	$8,725	$4,015	$6,668	$67,181	$107,424

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

PROGRAM	2015	2016	2017	2018	2019	2020 to Completion	Total
Tax Supported							
Drainage	$0	$0	$0	$0	$0	$2,200	$2,200
Economic Development	0	0	2,500	0	0	1,673	4,173
Landfill	534	2,425	1,347	1,290	1,164	0	6,760
Library	1,071	1,198	1,893	1,050	1,050	1,050	7,312
Municipal Facilities	2,968	2,284	1,900	2,150	1,950	0	11,252
Park	140	910	1,410	755	250	4,790	8,255
Public Safety	8,703	5,555	1,928	367	2,355	21,712	40,620
Street	3,283	4,106	5,279	3,555	4,237	14,987	35,447
Total Tax Supported	$16,699	$16,478	$16,257	$9,167	$11,006	$46,412	$116,019
Internal Service							
Management Information Services	$0	$250	$0	$0	$0	$0	$250
Total Internal Service	$0	$250	$0	$0	$0	$0	$250
Utilities							
EWS	$2,593	$2,832	$2,843	$1,875	$2,365	$0	$12,508
Stormwater Management	500	500	500	500	500	0	2,500
Total Utilities	$3,093	$3,332	$3,343	$2,375	$2,865	$0	$15,008
TOTAL ESTIMATED CO ISSUE:	$19,792	$20,060	$19,600	$11,542	$13,871	$46,412	$131,277

2015 CERTIFICATE OF OBLIGATION ISSUE

Park/Cultural Arts	
Fencing - Audubon & Winters Soccer Complexes	$140,000
Total Park/Cultural Arts:	$140,000
Transportation	
LBJ Sound Wall Aesthetics	$500,000
Total Transportation:	$500,000
Streets	
Street Reconstruction and Improvements	$2,783,000
Cover for Sanding Material	140,000
Infrastructure Equipment	328,000
Total Streets:	$3,251,000
Library	
Library Materials	$800,000
Facilities Upgrades	40,000
Central Library Fire Upgrades	231,000
Total Library:	$1,071,000
Public Safety	
Fire Station No. 5	$1,543,000
Emergency Response Safety Equipment/Service	235,000
Radio System Replacement	6,925,000
Total Public Safety:	$8,703,000

2015 CERTIFICATE OF OBLIGATION ISSUE

Facilities Management	
HVAC Replacement/Upgrade	$375,000
Roof Replacement	150,000
Fire Alarm, Fire Safety and Security Systems	190,000
Parking Lot Upgrades	300,000
Carver 3 Renovation	1,025,000
Total Facilities Management:	$2,040,000
Firewheel Golf Park	
Firewheel Golf Park Equipment	$210,000
Firewheel Golf Park Improvements	250,000
Total Firewheel Golf Park:	$460,000
Landfill/Transfer Station	
Replacement of Transfer Station Equipment	534,000
Total Landfill/Transfer Station:	$534,000
TOTAL GENERAL OBLIGATION:	**$16,699,000**

2015 CERTIFICATE OF OBLIGATION ISSUE

Environmental Waste Services - Delivery	
96-Gal. Recycling Containers - Phase 4 thru 6	$494,000
Replacement of Side-Load Residential Trucks	610,000
Replacement of Recycling Truck	302,000
Replacement of Rear-Load Residential Trucks	519,000
Replacement of Knuckle Boom Trucks	363,000
Replacement of Brush Trailers	127,000
Replacement of Brush Tractor Trucks	178,000
Total Environmental Waste Services - Delivery:	$2,593,000
Stormwater Management	
Stormwater Maintenance Equipment	$500,000
Total Stormwater Management:	$500,000
TOTAL UTILITIES OBLIGATION:	**$3,093,000**
TOTAL CO ISSUE:	**$19,792,000**

2015 REVENUE SUPPORTED COMMERCIAL PAPER ISSUE

Water	
Transmission Mains (16-Inch and Above)	$1,000,000
Distribution Lines (Up to 14-Inch)	2,500,000
Relocation of Mains Prior to Paving	4,700,000
Water Pump Station Rehab	2,148,000
New Water Service Installation	300,000
Radio Read Water Meter Retrofit	500,000
Country Club Road Water Transmission Mains	300,000
West Pressure Plane Improvements	4,100,000
Total Water:	$15,548,000
Wastewater	
Collection Mains	$1,080,000
Cured-in-Place Pipe Main & Lateral Rehab	700,000
Relocation of Mains Prior to Paving	1,178,000
S.H. 190 Catalyst Area	150,000
Rowlett Creek WWTP Replacements/Mods.	609,000
Rowlett Creek WWTP Biosolids Expansion	11,655,000
Total Wastewater:	$15,372,000
Electric	
Transmission Lines	$5,600,000
Substations Upgrades	6,892,000
Total Electric:	$12,492,000
TOTAL COMMERCIAL PAPER OBLIGATION:	**$43,412,000**

2014 CIP STATUS

CITY OF GARLAND
CAPITAL IMPROVEMENT PROGRAM
2014 STATUS REPORT

INTRODUCTION

The Capital Improvement Program (CIP) Status Report summarizes the current standing of projects included in the 2014 CIP, which was approved by the City Council on February 4, 2014. The Status Report is divided into three major sections including:

(1) **Completion Rate** – Completion rate of the 2014 CIP for each program area. Reflects the percentage of 2014 funding projected to be expended by the end of the 2014 calendar year.

(2) **Project Schedule** – A schedule reflecting each project included in the 2014 CIP, the completion date estimated at the time the CIP was adopted, and the revised completion date as submitted by departments in October 2014.

(3) **Remaining 1991, 1997, and 2004 Bond Projects** – Schedule of uncompleted projects authorized in the 1991, 1997, and 2004 Bond Referendums, with updated completion dates.

GARLAND

TEXAS MADE HERE

Completion Rate

2014
CIP – COMPLETION RATE

Program Areas	Completion Rate
Tax-Supported Programs:	
Park	30.1%
Street/Transportation	58.9%
Drainage	29.8%
Library	39.4%
Public Safety	67.2%
Economic Development	40.0%
Facilities and Miscellaneous	32.3%
Landfill/Transfer Station	100.0%
Total Tax-Supported	50.2%
Internal Service	30.2%
Utility Programs:	
Environmental Waste Services	100.0%
Water	80.6%
Wastewater	36.3%
Electric	47.1%
Total Utility-Supported	54.5%
Grand Total	**52.5%**

Additional information is included that reflects the original completion dates as projected in December 2013 and updated completion dates as revised by departments in October 2014.

GARLAND

TEXAS MADE HERE

Project Schedule

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Park				
18213	Atrium Renovations	December-2014	June-2015	(6)
18170	Various Park Improvements	Ongoing	Ongoing	
18201	Computerized Control - Irrigation/Lighting	Ongoing	COMPLETE	
18209	Trail Development	Ongoing	Ongoing	
18318	Surf & Swim Aquatic Facility Expansion	Ongoing	Ongoing	
18320	Granger Recreation Center & Annex Renovation	June-2015	August-2016	(14)
18324	Bradfield, Wynne, & Holford Pools	December-2014	December-2015	(12)
18325	Audubon Recreation Center Expansion	December-2017	December-2017	
18327	Gale Fields Recreation Center Expansion	April-2022	April-2022	
18329	Tuckerville Park Sports Field Development	December-2022	December-2024	(24)
18330	Skating/Skateboard Facility	December-2016	April-2017	(4)
18331	Expand Centralized Irrig./Lighting Control	Ongoing	Ongoing	
18332	Land Acquisition	Ongoing	Ongoing	
18333	Trail Development	Ongoing	Ongoing	
18334	Audubon Park Picnic Area Paving Replacement	April-2022	December-2022	(8)
18335	Gatewood Picnic Pavilion	October-2018	December-2018	(2)
18337	Windsurf Bay Park	December-2015	December-2015	
18338	Playground Improvements	Ongoing	Ongoing	
18339	Audubon Park Soccer Field Lighting	March-2014	COMPLETE	
18345	Repaving of Parking Lots for Parks Dept.	Ongoing	Ongoing	
18346	Central Park - Park Operations Facility Improvements	September-2016	September-2023	(84)
18347	Dog Park	December-2014	December-2017	(36)

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Street/Transportation				
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-2015	December-2020	(60)
14257	Pleasant Valley - Firewheel Pkwy. to Richfield	December-2014	December-2015	(12)
14261	Oates Road - Broadway to Rosehill	December-2016	December-2016	
14263	Dairy Road - E. Celeste to Broadway	January-2015	January-2015	
14264	Callejo Road - Botello to Campbell	December-2021	December-2025	(48)
14265	Chaha Road - I.H. 30 to Zion	December-2022	December-2024	(24)
14266	Chaha Road - I.H. 30 to Lake Ray Hubbard Pkwy.	June-2022	December-2025	(42)
14272	Bobtown Road - Rowlett to Waterhouse	October-2016	October-2017	(12)
14273	Brand Road - S.H. 190 to Muirfield	December-2018	December-2020	(24)
14279	Northwest Highway - Centerville to La Prada	December-2015	December-2015	
14288	Shiloh Road - I.H. 635 to Kingsley	June-2017	December-2016	6
14292	Pleasant Valley Road Bridge	June-2016	December-2017	(18)
14294	Miller Road Bridge	December-2015	December-2015	
14295	Walnut Utility Relocation	February-2014	COMPLETE	
14300	Fifth Street - Miller to Kingsley	June-2015	December-2017	(30)
15462	Sixth Street Extension	March-2014	COMPLETE	
14301	Screen Wall Reconstruction	Ongoing	Ongoing	
14302	Brand Road Alignment Study	June-2015	June-2016	(12)
15170	Operational and Safety Improvements	Ongoing	Ongoing	
15217	Miscellaneous Equipment and Services	Ongoing	Ongoing	
15508	New Traffic Signal Installations	Ongoing	Ongoing	
15530	Traffic Control System	Ongoing	Ongoing	
15544	LED Replacement Program	Ongoing	Ongoing	
15546	Emergency Services Signal Equipment	Ongoing	Ongoing	
15578	Railroad Crossing Improvements	Ongoing	Ongoing	
15596	North-South Bikeway	December-2016	December-2017	(12)
15620	Signal Equipment Modernizations	Ongoing	Ongoing	
15751	Train Quiet Zone	Ongoing	Ongoing	
39812	Sussex/Avon - Ridgecrest to Stratford	September-2014	COMPLETE	
39813	Lakeside Dr. - Garland Ave. to Garwood St.	September-2014	COMPLETE	

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Drainage				
14230	Miscellaneous Flooding	Ongoing	Ongoing	
14231	Petition Drainage	Ongoing	Ongoing	
14244	Classic and Yale	December-2020	December-2020	
14245	Garland Heights / Freeman	December-2019	December-2021	(24)
14246	Parkmont Drive	December-2016	December-2017	(12)
14247	Voluntary Residential Buyout Program	Ongoing	Ongoing	
14248	Bridge Remediation	December-2015	December-2015	
14299	Downtown Drainage Improvements	December-2014	June-2015	(6)
Library				
19580	Library Materials	Ongoing	Ongoing	
19581	Facilities Upgrades	Ongoing	Ongoing	
19584	Central Library Parking Lot Lighting	June-2014	June-2015	(12)
19585	Central Library Fire Upgrades	June-2015	December-2015	(6)
19587	RFID Service Delivery	December-2017	December-2017	
Public Safety				
Emergency Management				
10014	Emerg./Severe Weather Outdoor Siren System	December-2014	COMPLETE	
Fire				
12032	Relocate Fire Station No. 5	July-2015	December-2016	(17)
12107	Ambulance Remounts	Ongoing	Ongoing	
12099	Remodel Fire Station No. 7	December-2019	December-2022	(36)
12101	Relocate Fire Station No. 1	December-2019	December-2025	(72)
12058	Replace Fire Apparatus	Ongoing	Ongoing	
12098	Relocate Fire Station No. 6	December-2019	December-2024	(60)
12108	Emergency Response Safety Equipment/Services	Ongoing	Ongoing	
12109	Drill Tower Shielding/Equipment	December-2014	COMPLETE	
Police				
13024	Rebuild Police Shooting Range	September-2014	COMPLETE	
13025	Communications 911 System	December-2014	COMPLETE	
Information Technology				
23047	Radio System Replacement	December-2016	December-2016	

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Economic Development				
Engineering				
10046	Land/Property Acquisition	Ongoing	Ongoing	
Planning				
10027	Downtown Streetscape & Redevelopment Design	June-2017	Ongoing	
10032	Land Acquisition	Ongoing	Ongoing	
10034	Neighborhood Vitality Grant Program	December-2019	December-2018	12
10042	Downtown Gateways	December-2020	December-2016	48
10043	Downtown Square Design & Construction	December-2017	December-2017	
10044	Forest/Jupiter Streetscape	December-2019	December-2019	
10049	Commercial Corridor Revitalization	December-2020	December-2022	(24)
10127	Walnut Street Pedestrian Corridor	December-2015	December-2015	
10136	City Center Development	December-2015	June-2016	(6)
10137	Facilities Demolition	May-2014	COMPLETE	
Municipal Facilities and Miscellaneous Tax Supported				
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	
16063	City Hall HVAC System Replacement	December-2014	September-2015	(9)
16066	Carver 3 Renovation	June-2015	December-2015	(6)
16104	City Hall Code/Safety Updates	October-2015	October-2015	
Firewheel				
36529	Firewheel Golf Park Equipment	Ongoing	Ongoing	
36530	Firewheel Golf Park Improvements	December-2019	December-2019	
36531	Firewheel Golf Park Cart Replacements	Ongoing	Ongoing	
Public & Media Relations				
16084	CGTV - Upgrades	Ongoing	Ongoing	
Street				
39811	Infrastructure Equipment	Ongoing	Ongoing	

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Miscellaneous Revenue Supported and Internal Service				
EWS Group - Delivery				
21060	Replacement of Two Recycling Trucks	September-2014	COMPLETE	
21061	95-Gallon Recycling Containers - Phase 3	December-2014	COMPLETE	
21062	Replacement of Knuckle Boom Truck	September-2014	COMPLETE	
21063	Replacement of Six Side-Load Residential Trucks	September-2014	COMPLETE	
21064	Replacement of Two Rear-Load Residential Trucks	September-2014	COMPLETE	
21065	Replacement of Four Brush Tractor Trucks	September-2014	COMPLETE	
21066	Replacement of Two Commercial Front-Loader Trucks	September-2014	COMPLETE	
Fleet Services				
19030	Fuel System Upgrade	December-2014	December-2015	(12)
19033	Fleet Customer Waiting Area / Break Room	December-2014	December-2015	(12)
Communications				
23045	Extend Fiber Optic Cable	Ongoing	Ongoing	
Mgmt. Info. Services				
23019	Network and Cabling Upgrades	Ongoing	Ongoing	
23056	Relocation of ITS to DDI Building	December-2014	December-2015	(12)
23058	City Hall UPS Upgrade / Data Center Renovation	June-2014	March-2015	(9)
Landfill/Transfer Station				
17144	Castle Landfill Flare Improvements	February-2014	COMPLETE	
17146	Construction of Waste Cell #6	December-2014	COMPLETE	
17149	Replacement of D8 Dozer	March-2014	COMPLETE	
17153	Purchase of Tarp Deployment System	September-2014	COMPLETE	
17152	Replacement of Pedestal-Mounted Crane	September-2014	COMPLETE	
17151	Replacement of Transfer Trailers	September-2014	COMPLETE	
17150	Replacement of Semi-Tractor Truck	September-2014	COMPLETE	

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Water				
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 Rehab	Ongoing	Ongoing	
30205	Fire Hydrant Installation	Ongoing	Ongoing	
30206	New 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 Road Water Transmission Mains	June-2016	June-2017	(12)
30222	West Pressure Plane Improvements	December-2018	December-2016	24
30231	Pleasant Valley Water Main	December-2015	December-2015	
Wastewater				
32123	Participation In New Sewer Development	Ongoing	Ongoing	
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-2017	November-2018	(12)
32170	Lyons-II	February-2014	COMPLETE	
32174	Lift Station Abandonment	December-2014	December-2015	(12)
32181	Duck Creek Greenbelt Trail Extension	May-2015	May-2015	
32183	Duck Creek Interceptor Rehab	December-2022	December-2022	
32184	Rowlett Interceptor Rehab	December-2020	December-2020	
33028	Rowlett Creek WWTP Processes Improvements	Ongoing	Ongoing	
33029	Rowlett Creek WWTP Replacements/Mods.	Ongoing	Ongoing	
33030	Rowlett Creek Maintenance Building	October-2018	October-2018	

2014 CIP STATUS
BY PROJECT

		Approved Completion Date	Revised Completion Date	Project Delay (Months)
Wastewater ***(Continued)***				
33031	Rowlett Creek Operations Center Renovation	December-2016	December-2016	
34027	Duck Creek WWTP Replacements/Mods.	Ongoing	Ongoing	
34035	Rowlett Creek WWTP Biosolids Expansion	Ongoing	Ongoing	
34038	Duck Creek WWTP Processes Improvements	Ongoing	Ongoing	
34039	Duck Creek Laboratory Building Demolition	June-2015	September-2015	(3)
Electric				
31173	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	
31531	Distribution Lines - Overhead	Ongoing	Ongoing	
31551	Production	Ongoing	Ongoing	
31621	Distribution Lines - Underground	Ongoing	Ongoing	
31717	Substations Upgrades	Ongoing	Ongoing	
31885	Various Improvements	Ongoing	Ongoing	

GARLAND

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Remaining 1991, 1997, and 2004 Bond Projects

1991 Bond Program

Of the total funds available for projects included in the 1991 Bond Program, 99.3% was projected to be expended by the end of the 2014 calendar year. Of the $54.9 million in General Obligation (GO) Bonds authorized in the 1991 Referendum, $54.8 million (99.9%) will have actually been issued by the end of 2015. Additional details regarding outstanding projects approved in the 1991 Bond Referendum are included in the last section of the Status Report.

1997 Bond Program

Of the total funds available for projects included in the 1997 Bond Program, 97.1% was projected to be expended by the end of the 2014 calendar year. Of the $126.1 million in General Obligation (GO) Bonds authorized in the 1997 Referendum, $123.0 million (97.5%) will have actually been issued by the end of 2015. Additional details regarding outstanding projects approved in the 1997 Bond Referendum are included in the last section of the Status Report.

2004 Bond Program

Of the total funds available for projects included in the 2004 Bond Program, 47.7% was projected to be expended by the end of the 2014 calendar year. Of the $223.7 million in General Obligation (GO) Bonds authorized in the 2004 Referendum, $106.7 million (47.7%) will have actually been issued by the end of 2015. Additional details regarding outstanding projects approved in the 2004 Bond Referendum are included in the last section of the Status Report.

CITY OF GARLAND
CURRENT STATUS OF UNSPENT 1991 GO BONDS
DECEMBER 2014
(In 000's Dollars)

Project No.	Project Description	Page	Funding Source	2015	2016	2017 to Completion	Remaining to Fund	Projected Completion Date
	Park							
18170	Various Park Improvements	P02	GOB91	$18	$0	$0	$18	Ongoing
	Total			$18	$0	$0	$18	
	Public Safety - Fire							
*12032	Relocate Fire Station No. 5	PS01	GOB91	$351	$0	$0	$351	Dec 2016
	Total			$351	$0	$0	$351	
	Grand Total - 1991 Bond Program			**$369**	**$0**	**$0**	**$369**	

* Additional funding in 2004 Program

CITY OF GARLAND
CURRENT STATUS OF UNSPENT 1997 GO BONDS
DECEMBER 2014
(In 000's Dollars)

Project No.	Project Description	Page	Funding Source	2015	2016	2017 to Completion	Remaining to Fund	Projected Completion Date
	Park							
18209	Trail Development	P03	GOB97	$548	$236	$0	$784	Ongoing
	Total			$548	$236	$0	$784	
	Street/Transportation							
14299	Fifth Street - Miller to Kingsley	ST17	GOB97	$75	$812	$800	$1,687	Dec 2017
*15578	Railroad Crossing Improvements	ST27	GOB97	197	0	0	197	Ongoing
15596	North-South Bikeway	ST28	GOB97	310	0	0	310	Dec 2017
	Undesignated		GOB97	0	0	660	660	
	Total			$582	$812	$1,460	$2,854	
	Grand Total - 1997 Bond Program			**$1,130**	**$1,048**	**$1,460**	**$3,638**	

* Additional funding in 2004 Program

CITY OF GARLAND
CURRENT STATUS OF UNSPENT 2004 GO BONDS
DECEMBER 2014
(In 000's Dollars)

Project No.	Project Description	Page	Funding Source	2015	2016	2017 to Completion	Remaining to Fund	Projected Completion Date
	Park							
18318	Surf & Swim Aquatic Facility Expansion	P04	GOB04	$152	$0	$1,052	$1,204	Ongoing
18320	Granger Rec. Center & Annex Renovation	P05	GOB04	609	460	0	1,069	Aug 2016
18324	Bradfield, Wynne, & Holford Pools	P06	GOB04	87	0	0	87	Dec 2015
18325	Audubon Recreation Center Expansion	P07	GOB04	240	1,030	1,530	2,800	Dec 2017
18327	Gale Fields Recreation Center - Addition	P08	GOB04	0	0	1,000	1,000	Apr 2022
18329	Tuckerville Park Sports Field Development	P09	GOB04	10	0	4,974	4,984	Dec 2024
18330	Skating/Skateboard Facility	P10	GOB04	48	251	200	499	Dec 2017
18331	Expand Centralized Irrig./Lighting Control	P11	GOB04	30	0	220	250	Ongoing
18332	Land Acquisition	P12	GOB04	600	0	400	1,000	Ongoing
18333	Trail Development	P13	GOB04	0	0	700	700	Ongoing
18334	Audubon Picnic Area	P14	GOB04	0	0	700	700	Dec 2022
18335	Gatewood Picnic Pavilion	P15	GOB04	0	0	425	425	Dec 2018
18337	Windsurf Bay Park	P16	GOB04	685	0	0	685	Dec 2015
18338	Playground Improvements	P17	GOB04	374	0	0	374	Ongoing
	Total			$2,835	$1,741	$11,201	$15,777	
	Drainage							
14230	Miscellaneous Flooding	D01	GOB04	$711	$0	$0	$711	Ongoing
14231	Petition Drainage	D02	GOB04	1,105	162	0	1,267	Ongoing
14244	Classic and Yale	D03	GOB04	100	0	2,859	2,959	Dec 2020
14245	Garland Heights / Freeman	D04	GOB04	0	0	4,200	4,200	Dec 2021
14246	Parkmont Drive	D05	GOB04	350	2,229	500	3,079	Dec 2017
14247	Voluntary Residential Buyout Program	D06	GOB04	0	0	800	800	Ongoing
	Total			$2,266	$2,391	$8,359	$13,016	

CITY OF GARLAND
CURRENT STATUS OF UNSPENT 2004 GO BONDS
DECEMBER 2014
(In 000's Dollars)

Project No.	Project Description	Page	Funding Source	2015	2016	2017 to Completion	Remaining to Fund	Projected Completion Date
	Street/Transportation							
14176	New Sidewalks	ST01	GOB04	$305	$404	$860	$1,569	Ongoing
14200	Street and Alley Petition	ST02	GOB04	325	325	1,138	1,788	Ongoing
14202	Sidewalk / Curb & Gutter Participation	ST03	GOB04	290	350	631	1,271	Ongoing
14255	Fifth Street - Miller to Avenue D (Phase B)	ST04	GOB04	0	0	1,489	1,489	Dec 2020
14257	Pleasant Valley - Firewheel Pkwy. to Richfield	ST05	GOB04	687	0	0	687	Dec 2015
14261	Oates Road - Broadway to Rosehill	ST06	GOB04	850	4,102	0	4,952	Dec 2016
14263	Dairy Road - E. Celeste to Broadway	ST07	GOB04	250	0	0	250	Jan 2015
14264	Callejo Road - Botello to Campbell	ST08	GOB04	0	0	6,000	6,000	Dec 2025
14265	Chaha Road - I.H. 30 to Zion	ST09	GOB04	0	0	1,000	1,000	Dec 2024
14266	Chaha Rd. - I.H. 30 to Lake Ray Hubbard Pkwy.	ST10	GOB04	0	0	2,422	2,422	Dec 2025
14272	Bobtown Road - Rowlett to Waterhouse	ST11	GOB04	350	2,440	2,225	5,015	Oct 2017
14273	Brand Road - S.H. 190 to Muirfield	ST12	GOB04	0	100	8,500	8,600	Dec 2020
14279	Northwest Highway - Centerville to La Prada	ST13	GOB04	349	0	0	349	Dec 2015
14288	Shiloh Road - I.H. 635 to Kingsley	ST14	GOB04	4,056	1,200	0	5,256	Dec 2016
15170	Operational and Safety Improvements	ST21	GOB04	252	100	490	842	Ongoing
15508	New Traffic Signal Installations	ST23	GOB04	342	300	1,188	1,830	Ongoing
15530	Traffic Control System	ST25	GOB04	394	250	3,256	3,900	Ongoing
15546	Emergency Services Signal Equipment	ST26	GOB04	50	125	325	500	Ongoing
15578	Railroad Crossing Improvements	ST27	GOB04	0	50	850	900	Ongoing
15620	Signal Equipment Modernizations	ST29	GOB04	410	250	1,250	1,910	Ongoing
15751	Train Quiet Zone	ST30	GOB04	108	0	1,675	1,783	Ongoing
	Undesignated		GOB04	0	0	22,969	22,969	
	Total			$9,018	$9,996	$56,268	$75,282	

CITY OF GARLAND
CURRENT STATUS OF UNSPENT 2004 GO BONDS
DECEMBER 2014
(In 000's Dollars)

Project No.	Project Description	Page	Funding Source	2015	2016	2017 to Completion	Remaining to Fund	Projected Completion Date
	Public Safety - Fire							
12032	Relocate Fire Station No. 5	PS01	GOB04	$425	$0	$0	$425	Dec 2016
12099	Remodel Fire Station No. 7	PS02	GOB04	0	0	425	425	Dec 2022
12101	Relocate Fire Station No. 1	PS03	GOB04	0	0	600	600	Dec 2025
	Total			$425	$0	$1,025	$1,450	
	Economic Development							
10032	Land Acquisition	ED03	GOB04	$0	$0	$3,365	$3,365	Ongoing
10034	Neighborhood Vitality Grant Program	ED04	GOB04	779	520	1,041	2,340	Dec 2018
10042	Downtown Gateways	ED05	GOB04	100	700	0	800	Dec 2016
10043	Downtown Square Design	ED06	GOB04	300	877	0	1,177	Dec 2017
10044	Forest/Jupiter Streetscape	ED07	GOB04	0	0	980	980	Dec 2019
10049	Commercial Corridor Revitalization	ED08	GOB04	0	0	2,890	2,890	Dec 2022
	Total			$1,179	$2,097	$8,276	$11,552	
	Grand Total - 2004 Bond Program			**$15,723**	**$16,225**	**$85,129**	**$117,077**	

DETAIL PROJECT SUMMARIES

PARK DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.		Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
18213		Atrium Renovations	P01	CO	$240	$130	$0	$0	$0	$0	$0	$370
18170		Various Park Improvements	P02	GOB91	164	18	0	0	0	0	0	182
18209		Trail Development	P03	GOB97/Other	232	1,637	236	0	0	0	0	2,105
18318		Surf & Swim Aquatic Facility Expansion	P04	GOB04	751	152	0	0	0	0	1,052	1,955
18320		Granger Recreation Center & Annex Renovation	P05	GOB04	81	609	460	0	0	0	0	1,150
18324		Bradfield, Wynne, & Holford Pools	P06	GOB04	1,913	87	0	0	0	0	0	2,000
18325		Audubon Recreation Center Expansion	P07	GOB04	0	240	1,030	1,530	0	0	0	2,800
18327		Gale Fields Recreation Center Expansion	P08	GOB04	0	0	0	0	0	0	1,000	1,000
18329		Tuckerville Park Sports Field Development	P09	GOB04	16	10	0	0	0	0	4,974	5,000
18330		Skating/Skateboard Facility	P10	GOB04	1	48	251	700	0	0	0	1,000
18331	*	Expand Centralized Irrigation/Lighting Control	P11	GOB04	0	30	0	0	0	0	220	250
18332		Land Acquisition	P12	GOB04	0	600	0	0	0	0	400	1,000
18333		Trail Development	P13	GOB04	0	0	0	0	0	0	700	700
18334		Audubon Park Picnic Area Paving Replacement	P14	GOB04	0	0	0	0	0	0	700	700
18335		Gatewood Picnic Pavilion	P15	GOB04	0	0	0	0	425	0	0	425
18337		Windsurf Bay Park	P16	GOB04	15	685	0	0	0	0	0	700
18338		Playground Improvements	P17	GOB04/INT	155	374	0	0	0	0	0	529
18345		Repaving of Parking Lots for Parks Dept.	P18	CO/UNF	65	1,195	625	250	715	250	1,280	4,380
18346		Central Park - Park Opers. Facil. Imprvmts.	P19	CO/UNF	436	179	0	0	0	0	3,510	4,125
18347		Dog Park	P20	CO	0	70	0	900	0	0	0	970
18348	*	Park Lighting Improvements - Parking Lots	P21	CO	0	36	60	40	40	0	0	176
18349	*	Downtown Square - Fountain/Pool Paving	P22	CF	0	85	0	0	0	0	0	85
18350	*	Fencing - Audubon and Winters Soccer Complex	P23	CO	0	140	0	0	0	0	0	140
		Total			$4,069	$6,325	$2,662	$3,420	$1,180	$250	$13,836	$31,742

Total Existing CO's/Current Funds/Interest/Other	$770	$2,784	$0	$280	$0	$0	$0	$3,834
Unfunded	0	0	685	1,410	755	250	4,790	7,890
2015 Certificates of Obligation	0	140	0	0	0	0	0	140
Total 1991 Bond Program	164	18	0	0	0	0	0	182
Total 1997 Bond Program	232	548	236	0	0	0	0	1,016
Total 2004 Bond Program	2,903	2,835	1,741	1,730	425	0	9,046	18,680
Total	$4,069	$6,325	$2,662	$3,420	$1,180	$250	$13,836	$31,742

*Projects funded for the first time

PARK DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
UNAPPROVED PROJECTS

PROJ. NO.	Project Description	Page	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Park									
18351	Pedestrian/Bike Bridges - Duck Creek	P24	$0	$0	$225	$0	$0	$0	$0	$225
	Total		$0	$0	$225	$0	$0	$0	$0	$225

PARK DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.		Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
		Park									
18209		Trail Development	P03	Appr.	$0	$236	$0	$0	$0	$0	$236
18218		Surf & Swim Aquatic Facility Expansion	P04	Appr.	0	0	0	0	0	1,052	1,052
18320		Granger Recreation Center & Annex Renovation	P05	Appr.	310	460	0	0	0	0	770
18325		Audubon Recreation Center Expansion	P07	Appr.	160	1,030	1,530	0	0	0	2,720
18327		Gale Fields Recreation Center Expansion	P08	Appr.	0	0	0	0	0	1,000	1,000
18329		Tuckerville Park Sports Field Development	P09	Appr.	0	0	0	0	0	4,974	4,974
18330		Skating/Skateboard Facility	P10	Appr.	48	251	700	0	0	0	999
18331	*	Expand Centralized Irrigation/Lighting Control	P11	Appr.	30	0	0	0	0	220	250
18332		Land Acquisition	P12	Appr.	0	0	0	0	0	400	400
18333		Trail Development	P13	Appr.	0	0	0	0	0	700	700
18334		Audubon Park Picnic Area Paving Replacement	P14	Appr.	0	0	0	0	0	700	700
18335		Gatewood Picnic Pavilion	P15	Appr.	0	0	0	425	0	0	425
18345		Repaving of Parking Lots for Parks Dept.	P18	Appr.	0	625	250	715	250	1,280	3,120
18346		Central Park - Park Operations Facility Improv.	P19	Appr.	0	0	0	0	0	3,510	3,510
18347		Dog Park	P20	Appr.	0	0	620	0	0	0	620
18348	*	Park Lighting Improvements - Parking Lots	P21	Appr.	0	60	40	40	0	0	140
18349	*	Fencing - Audubon and Winters Soccer Complex	P23	Appr.	140	0	0	0	0	0	140
18351		Pedestrian/Bike Bridges - Duck Creek	P24	Unappr.	0	225	0	0	0	0	225
		Total			$688	$2,887	$3,140	$1,180	$250	$13,836	$21,981
		Total Approved			$688	$2,662	$3,140	$1,180	$250	$13,836	$21,756
		Total Unapproved			0	225	0	0	0	0	225
		Total			$688	$2,887	$3,140	$1,180	$250	$13,836	$21,981

*Projects funded for the first time

PAGE NO: **P01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: PARKS & RECREATION

PROJECT TITLE: ATRIUM RENOVATIONS

PROJECT NO(S).: 18213

ACCOUNT NO(S).: 692-4749-18213XX

PROJECT DESCRIPTION

Phase I improvements have been completed to begin the new flooring and wall finishes in the Atrium as well as replacement of the stage rigging and house dimmer system in the Brownlee Auditorium. Phase II includes exterior lighting improvements in the courtyard and on the main theatre building.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	370,000
TOTAL FUNDED	$	370,000
UNFUNDED	$	
PROJECT TOTAL	$	370,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	240	130						370
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	240	130						370

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	370							370
Other								
Unfunded								
TOTAL SOURCES	370							370

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	3/2012	6/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2012	6/2015

PAGE NO: **P02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: PARKS & RECREATION

PROJECT TITLE: VARIOUS PARK IMPROVEMENTS

PROJECT NO(S).: 18170

ACCOUNT NO(S).: 611-2499-1817000

PROJECT DESCRIPTION

Project provides funding for park improvements related to Federal and State accessibility requirements, as well as design and installation for park signage improvements.

FUNDING SOURCE(S)

1991 Bond Fund	$	182,108
TOTAL FUNDED	$	182,108
UNFUNDED	$	
PROJECT TOTAL	$	182,108

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	72							72
Land/Right-of-Way								
Construction	92	18						110
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	164	18						182

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	182							182
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	182							182

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P03	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 1, 8, TBD

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	TRAIL DEVELOPMENT	18209	612-2499-1820900

PROJECT DESCRIPTION

Project provides funding for concrete trail development. The project includes the local match and expenditures for the Winters Park / Spring Creek Greenbelt Trail, a Federal and Dallas County cost-sharing project.

FUNDING SOURCE(S)

1997 Bond Fund	$ 1,016,000
TxDOT	724,568
Dallas County	364,321
TOTAL FUNDED	$ 2,104,889
UNFUNDED	$
PROJECT TOTAL	$ 2,104,889

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):

Personnel	
Operations	15,000
Capital	
Total	$15,000

IMPACT EXPLANATION

Will impact the 2016-17 Operating Budget for park maintenance of approximately two miles of concrete trail, site furnishings, and signage with additional follow-up mowing, edging, litter pickup, and repair in currently undeveloped areas of Winters Park and the Spring Creek Greenbelt.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	232	88						320
Land/Right-of-Way								
Construction		1,549	236					1,785
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	232	1,637	236					2,105

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	780							780
GO's Unissued			236					236
RB's/Com Paper								
Certificates of Obligation								
Other (TxDOT/County)		1,089						1,089
Unfunded								
TOTAL SOURCES	780	1,089	236					2,105

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO:				COUNCIL DISTRICT(S)
P04	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	4

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	SURF & SWIM AQUATIC FACILITY EXPANSION	18318	614-2499-1831804

PROJECT DESCRIPTION

Improvements are complete for mechanical and circulation systems, pool coatings at the wave action swimming pool, and new shade canopies and umbrellas in the picnic areas. Design will commence in 2015 for improvements at Wally's Cove water play area and the addition of an interactive water feature with related mechanical, plumbing, fencing, shade canopies, and furnishings.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,955,000
TOTAL FUNDED	$ 1,955,000
UNFUNDED	$
PROJECT TOTAL	$ 1,955,000

IMPACT ON OPERATING BUDGET

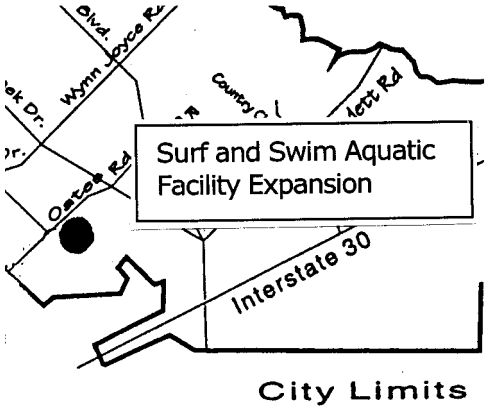
☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Increased costs to the Operating Budget include maintenance related to the addition of the new water feature which includes mechanical equipment, chemicals, and staffing.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	84	60					52	196
Land/Right-of-Way								
Construction	667	92					1,000	1,759
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	751	152					1,052	1,955

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	903							903
GO's Unissued							1,052	1,052
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	903						1,052	1,955

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P05	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	GRANGER REC. CENTER & ANNEX RENOVATION	18320	614-2499-1832004

PROJECT DESCRIPTION

Initial phase of project is preliminary space and site planning for renovations at Granger Recreation Center. Renovation will include improvements in accessibility, HVAC, gym flooring & lighting, interior finishes, and demolition of the Granger Annex. The improvements were identified in 2001 in the Recreation Center Strategic Facility Plan.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,150,000
TOTAL FUNDED	$ 1,150,000
UNFUNDED	$
PROJECT TOTAL	$ 1,150,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

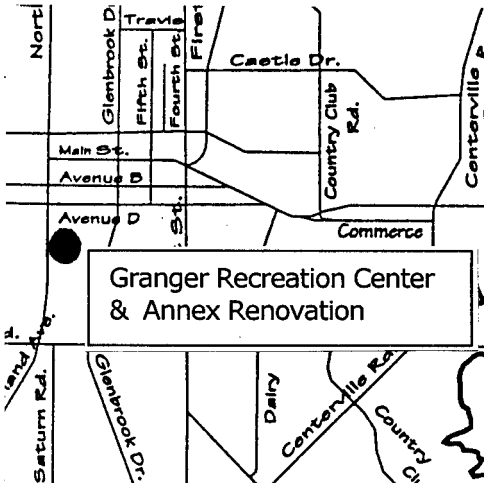
Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	81	109	50					240
Land/Right-of-Way								
Construction		500	410					910
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	81	609	460					1,150

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	380							380
GO's Unissued		310	460					770
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	380	310	460					1,150

PROJECT SCHEDULE	START	FINISH
Design	5/2012	7/2015
Land/Right-of-Way		
Construction	9/2015	8/2016
Finish Out		
Other		
TOTAL SCHEDULE	5/2012	8/2016

PAGE NO: P06	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 1, 5, 7

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	BRADFIELD, WYNNE, & HOLFORD POOLS	18324	614-2499-1832404

PROJECT DESCRIPTION

The remaining balance of this project includes improvements to the circulation system at Holford Pool.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,000,000
TOTAL FUNDED	$ 2,000,000
UNFUNDED	$
PROJECT TOTAL	$ 2,000,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	216							216
Land/Right-of-Way								
Construction	1,697	87						1,784
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,913	87						2,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	2,000							2,000
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	2,000							2,000

PROJECT SCHEDULE	START	FINISH
Design	5/2005	12/2012
Land/Right-of-Way		
Construction	1/2006	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	5/2005	12/2015

PAGE NO:				COUNCIL DISTRICT(S)
P07	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	4

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	AUDUBON RECREATION CENTER EXPANSION	18325	614-2499-1832504

PROJECT DESCRIPTION

Building expansion includes additional square footage for active recreation, improvements to the lobby, storage areas, and restrooms.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,800,000
TOTAL FUNDED	$ 2,800,000
UNFUNDED	$
PROJECT TOTAL	$ 2,800,000

IMPACT ON OPERATING BUDGET

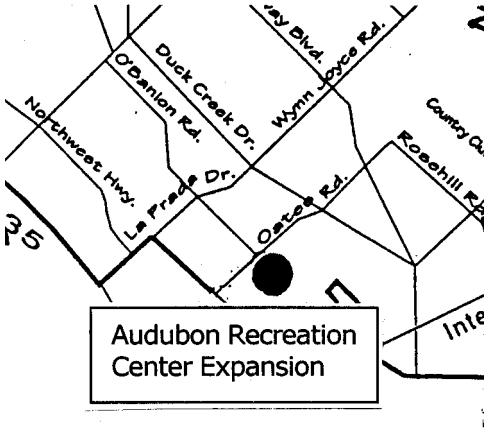
☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Additional costs associated with building expansion include additional staffing for recreation programs, additional building maintenance, and repairs.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		240	50	30				320
Land/Right-of-Way								
Construction			980	1,500				2,480
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		240	1,030	1,530				2,800

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	80							80
GO's Unissued		160	1,030	1,530				2,720
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	80	160	1,030	1,530				2,800

PROJECT SCHEDULE	START	FINISH
Design	8/2014	12/2017
Land/Right-of-Way		
Construction	5/2016	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	8/2014	12/2017

PAGE NO: P08	*Unfunded Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	GALE FIELDS RECREATION CENTER EXPANSION	18327	614-2499-1832704

PROJECT DESCRIPTION

Building expansion to accommodate active recreational programming.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,000,000
TOTAL FUNDED	$ 1,000,000
UNFUNDED	$
PROJECT TOTAL	$ 1,000,000

IMPACT ON OPERATING BUDGET

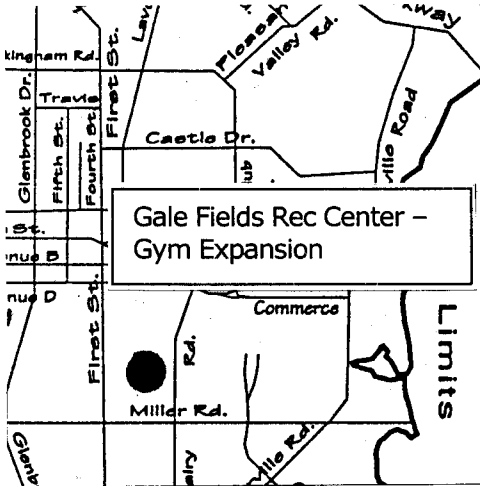
☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):	
Personnel	
Operations	1,100
Capital	
Total	$1,100

IMPACT EXPLANATION

Impacts the Operating Budget by an additional $1,100 per year for maintenance of additional square footage for interior finishes, flooring, and recreational equipment.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							160	160
Land/Right-of-Way								
Construction							840	840
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							1,000	1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							1,000	1,000
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							1,000	1,000

PROJECT SCHEDULE	START	FINISH
Design	5/2021	1/2022
Land/Right-of-Way		
Construction	9/2021	4/2022
Finish Out		
Other		
TOTAL SCHEDULE	5/2021	4/2022

PAGE NO: P09	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 1

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	TUCKERVILLE PARK SPORTS FIELD DEVELOPMENT	18329	614-2499-1832904

PROJECT DESCRIPTION

Phase I development of lighted athletic fields, parking, utilities, restrooms, concessions, and neighborhood park elements such as a playground. Design funds to date are for conceptual master planning to determine initial field construction for Phase I development.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,000,000
TOTAL FUNDED	$ 5,000,000
UNFUNDED	$
PROJECT TOTAL	$ 5,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

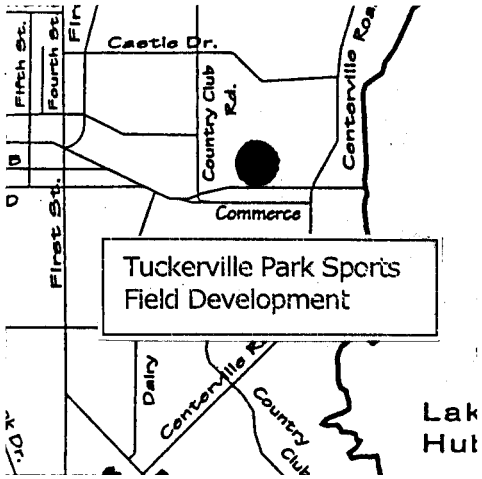
Annual Cost/(Savings):

Personnel	
Operations	102,000
Capital	
Total	$102,000

IMPACT EXPLANATION

This is currently an undeveloped 62-acre tract. Phase I development will add approximately $102,000 annually to the Operating Budget for additional staff and maintenance related to items such as fencing, restrooms, concessions, irrigation, sports lighting, shade canopies, turf management, signage, and site furnishings.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	16	10					600	626
Land/Right-of-Way								
Construction							4,374	4,374
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	16	10					4,974	5,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	26							26
GO's Unissued							4,974	4,974
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	26						4,974	5,000

PROJECT SCHEDULE	START	FINISH
Design	12/2005	12/2024
Land/Right-of-Way		
Construction	8/2022	12/2024
Finish Out		
Other		
TOTAL SCHEDULE	12/2005	12/2024

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT PARKS & RECREATION

PROJECT TITLE SKATING/SKATEBOARD FACILITY

PROJECT NO(S). 18330

ACCOUNT NO(S). 614-2499-1833004

PROJECT DESCRIPTION

Facility for skating/skateboarding and related activities (location to be determined).

FUNDING SOURCE(S)

2004 Bond Fund	$ 500,000
TOTAL FUNDED	$ 500,000
UNFUNDED	$ 500,000
PROJECT TOTAL	$ 1,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):

Personnel	
Operations	2,000
Capital	
Total	$2,000

IMPACT EXPLANATION

The Skating/Skateboard Facility will impact the Operating Budget by approximately $2,000 per year. This project will require funding for additional turf and trim maintenance, concrete repairs, site furnishings, and fence repairs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	1	48	20					69
Land/Right-of-Way								
Construction			231	700				931
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1	48	251	700				1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	1							1
GO's Unissued		48	251	200				499
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded				500				500
TOTAL SOURCES	1	48	251	700				1,000

PROJECT SCHEDULE	START	FINISH
Design	8/2015	8/2016
Land/Right-of-Way		
Construction	9/2016	4/2017
Finish Out		
Other		
TOTAL SCHEDULE	8/2015	4/2017

PAGE NO: P11	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	EXPAND CENTRALIZED IRRIG./LIGHTING CONTROL	18331	614-2499-1833104

PROJECT DESCRIPTION

Additional centralized control units for athletic field lighting and irrigation systems.

FUNDING SOURCE(S)

2004 Bond Fund	$	250,000
TOTAL FUNDED	$	250,000
UNFUNDED	$	
PROJECT TOTAL	$	250,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Impacts the Operating Budget in maintenance, repair, and replacement of controllers and equipment.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							20	20
Land/Right-of-Way								
Construction		30					200	230
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		30					220	250

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued		30					220	250
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES		30					220	250

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P12	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) N/A

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	LAND ACQUISITION	18332	614-2499-1833204

PROJECT DESCRIPTION

Funding for additional park land as referenced in the 2012-2022 Park Development Guidelines; includes land, surveys, appraisals, and related information for final acquisition.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,000,000
TOTAL FUNDED	$ 1,000,000
UNFUNDED	$
PROJECT TOTAL	$ 1,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Impact on Operating Budget is dependent upon land use (natural area, land for athletic fields, etc.).

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way		600					400	1,000
Construction								
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		600					400	1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	600							600
GO's Unissued							400	400
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	600						400	1,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: PARKS & RECREATION

PROJECT TITLE: TRAIL DEVELOPMENT

PROJECT NO(S).: 18333

ACCOUNT NO(S).: 614-2499-1833304

PROJECT DESCRIPTION

Funding for trail development primarily along park greenbelts. This funding will be used to pursue matching funds in trail grants through County, State, and Federal sources.

FUNDING SOURCE(S)

2004 Bond Fund	$	700,000
TOTAL FUNDED	$	700,000
UNFUNDED	$	
PROJECT TOTAL	$	700,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Paved trails will require increased levels of maintenance along trail routes, edging and mowing of adjacent areas, and maintenance of site furnishings. Maintenance costs will be determined as design commences.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							80	80
Land/Right-of-Way							620	620
Construction								
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							700	700

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							700	700
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							700	700

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P14	*Unfunded Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 4

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	AUDUBON PARK PICNIC AREA PAVING REPLCMT.	18334	614-2499-1833404

PROJECT DESCRIPTION

Improvements to the existing park road at the picnic area include replacement of pavement, additional parking spaces, and area lighting.

FUNDING SOURCE(S)

2004 Bond Fund	$	700,000
TOTAL FUNDED	$	700,000
UNFUNDED	$	
PROJECT TOTAL	$	700,000

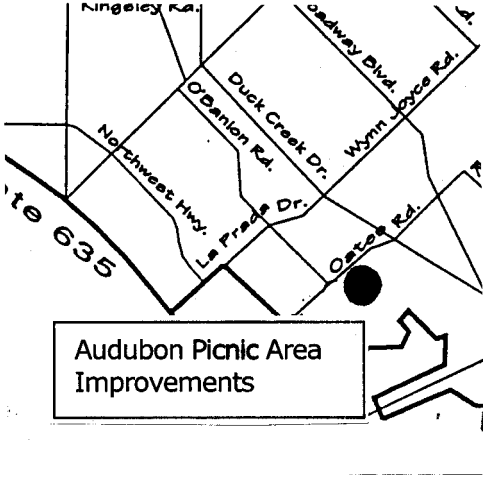
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							70	70
Land/Right-of-Way								
Construction							630	630
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							700	700

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							700	700
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							700	700

PROJECT SCHEDULE	START	FINISH
Design	2/2021	5/2022
Land/Right-of-Way		
Construction	9/2021	12/2022
Finish Out		
Other		
TOTAL SCHEDULE	2/2021	12/2022

PAGE NO: P15	*Unfunded Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 4

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	GATEWOOD PICNIC PAVILION	18335	614-2499-1833504

PROJECT DESCRIPTION

Pavilion improvements, restroom, group grill, and ADA accessibility from parking lot.

FUNDING SOURCE(S)

2004 Bond Fund	$	425,000
TOTAL FUNDED	$	425,000
UNFUNDED	$	
PROJECT TOTAL	$	425,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

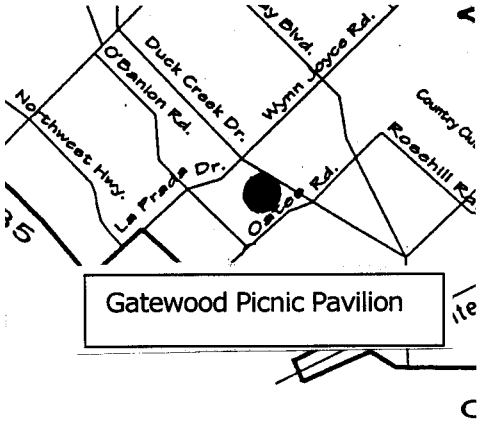
Annual Cost/(Savings):

Personnel	
Operations	2,200
Capital	
Total	$2,200

IMPACT EXPLANATION

The Operating Budget will be impacted by approximately $2,200 for new restrooms and facility improvement maintenance.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design					50			50
Land/Right-of-Way								
Construction					375			375
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS					425			425

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued					425			425
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES					425			425

PROJECT SCHEDULE	START	FINISH
Design	2/2018	5/2018
Land/Right-of-Way		
Construction	5/2018	12/2018
Finish Out		
Other		
TOTAL SCHEDULE	2/2018	12/2018

PAGE NO: P16	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 3

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	WINDSURF BAY PARK	18337	614-2499-1833704

PROJECT DESCRIPTION

Phase I of shoreline erosion control, related parking improvements, and restroom-related issues.

FUNDING SOURCE(S)

2004 Bond Fund	$	700,000
TOTAL FUNDED	$	700,000
UNFUNDED	$	
PROJECT TOTAL	$	700,000

IMPACT ON OPERATING BUDGET

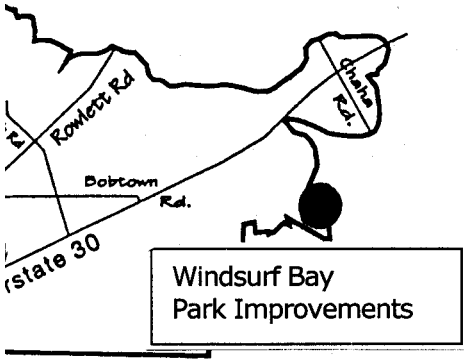
☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):	
Personnel	
Operations	1,200
Capital	
Total	$1,200

IMPACT EXPLANATION

If Phase I of the project can accommodate a restroom facility, $1,200 per year will need to be budgeted for restroom cleaning.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	15	85						100
Land/Right-of-Way								
Construction		600						600
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	15	685						700

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	700							700
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	700							700

PROJECT SCHEDULE	START	FINISH
Design	11/2014	6/2015
Land/Right-of-Way		
Construction	6/2015	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	11/2014	12/2015

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: PARKS & RECREATION

PROJECT TITLE: PLAYGROUND IMPROVEMENTS

PROJECT NO(S).: 18338

ACCOUNT NO(S).: 614-2499-1833804

PROJECT DESCRIPTION

Ongoing improvements to existing play areas that include playground elements, playground surfacing, and other features, all in compliance with Consumer Product Safety Guidelines, 2010 ADA Standards, and 2012 Texas Accessibility Standards. This funding provides for replacement and renovation of the Central Park playground using inclusive-type equipment and resilient surfacing features.

FUNDING SOURCE(S)

2004 Bond Fund	$	500,000
Interest		29,433
TOTAL FUNDED	$	529,433
UNFUNDED	$	
PROJECT TOTAL	$	529,433

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):

Personnel	
Operations	600
Capital	
Total	$600

IMPACT EXPLANATION

The Operating Budget will be impacted with the replacement or repair of playground pieces such as slides, swings, activity panels with moving parts, graffiti removal, inspections, and maintenance of resilient surfacing.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	55	10						65
Land/Right-of-Way								
Construction	100	364						464
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	155	374						529

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	500							500
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)		29						29
Unfunded								
TOTAL SOURCES	500	29						529

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P18	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	REPAVING OF PARKING LOTS FOR PARKS DEPT.	18345	692-4749-18345XX

PROJECT DESCRIPTION

Ongoing replacement of park roads and parking lots for the Parks, Recreation and Cultural Arts Department. Replacement of existing deteriorating asphalt pavement with concrete pavement, positive drainage corrections where needed, and accessible parking improvements. Projects underway for design and construction include improvements at Audubon Recreation Center, Winters Soccer Complex, Carter Softball Complex, and drainage in north parking at Central Park. Remaining park locations are ranked in priority through criteria developed for this purpose by the Street, Parks, and Facilities Management Departments.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 1,260,000
TOTAL FUNDED	$ 1,260,000
UNFUNDED	$ 3,120,000
PROJECT TOTAL	$ 4,380,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	65		15	15	15	15	95	220
Land/Right-of-Way								
Construction		1,195	610	235	700	235	1,185	4,160
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	65	1,195	625	250	715	250	1,280	4,380

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,260							1,260
Other								
Unfunded			625	250	715	250	1,280	3,120
TOTAL SOURCES	1,260		625	250	715	250	1,280	4,380

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P19	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	CENTRAL PARK - PARK OPERS. FACIL. IMPRVMTS.	18346	692-4749-18346XX

PROJECT DESCRIPTION

The former Texas Air National Guard Station, leased on park land in Central Park, will be renovated to be the future home of the Park Maintenance Operations Division. Current construction activities will include building envelope improvements, abatement procedures, and minimal HVAC system repairs until the facility can be renovated. The new design, scheduled to begin construction in 2022, reflects renovation of the existing site, structure interiors, and building systems that include HVAC, plumbing, roofing, installation of the City network, phone, and antennae for City truck radios; as well as an automated landscape irrigation control system, communication, parking, accessibility, and general security improvements including cameras, fencing, access controls, and lighting improvements.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	615,000
TOTAL FUNDED	$	615,000
UNFUNDED	$	3,510,000
PROJECT TOTAL	$	4,125,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Additional square footage of structures and parking will also increase future general operating costs for plumbing, electrical, IT/telecom, and general maintenance. An estimated cost will be determined upon completion of the project design.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	301						143	444
Land/Right-of-Way								
Construction	125	129					3,302	3,556
Landscaping								
Equip. & Furnish.								
Other (Sal. Charge-ins)	10	50					65	125
TOTAL COSTS	436	179					3,510	4,125

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	615							615
Other								
Unfunded							3,510	3,510
TOTAL SOURCES	615						3,510	4,125

PROJECT SCHEDULE	START	FINISH
Design	1/2013	8/2022
Land/Right-of-Way		
Construction	5/2014	9/2023
Finish Out		
Other	1/2014	8/2022
TOTAL SCHEDULE	1/2013	9/2023

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 2

DEPARTMENT PARKS & RECREATION

PROJECT TITLE DOG PARK

PROJECT NO(S). 18347

ACCOUNT NO(S). 692-2499-1834714

PROJECT DESCRIPTION

This project provides funding for the future construction of a dog park at a location to be determined.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	350,000
TOTAL FUNDED	$	350,000
UNFUNDED	$	620,000
PROJECT TOTAL	$	970,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		70						70
Land/Right-of-Way								
Construction				900				900
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		70		900				970

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	350							350
Other								
Unfunded				620				620
TOTAL SOURCES	350			620				970

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	6/2015	12/2017

PAGE NO: P21	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	PARK LIGHTING IMPROVEMENTS - PARKING LOTS	18348	692-2499-1834800

PROJECT DESCRIPTION

This project provides park funding for lighting improvements at parking lots that are funded for concrete paving improvements. These parking lots are currently lighted with 30-year-old post top fixtures. This ongoing project will allocate funding annually for upgrades as the pavement surfaces are replaced.

FUNDING SOURCE(S)

Current Funds	$	36,000
TOTAL FUNDED	$	36,000
UNFUNDED	$	140,000
PROJECT TOTAL	$	176,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Negligible impact to the Operating Budget as these are replacements to existing lighting fixtures.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		36	60	40	40			176
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		36	60	40	40			176

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		36						36
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			60	40	40			140
TOTAL SOURCES		36	60	40	40			176

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: P22	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	DOWNTOWN SQUARE - FOUNTAIN/POOL PAVING	18349	692-2499-1834900

PROJECT DESCRIPTION

The reflecting pool and fountain on the Downtown Square require extensive renovation to the mechanical and circulation systems as well as the perimeter drainage system. In addition, ongoing drought conditions necessitate draining the fountain for long periods of time. This funding provides work related to filling the reflecting pool and fountain and paving a concrete cap over the pool, creating usable activity space until such time as future design for the site is determined.

FUNDING SOURCE(S)

Current Funds	$	85,000
TOTAL FUNDED	$	85,000
UNFUNDED	$	
PROJECT TOTAL	$	85,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		85						85
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		85						85

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		85						85
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES		85						85

PROJECT SCHEDULE	START	FINISH
Design	3/2015	6/2015
Land/Right-of-Way		
Construction	8/2015	11/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2015	11/2015

PAGE NO: P23	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 4,1

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PARKS & RECREATION	FENCING - AUDUBON/WINTERS SOCCER COMPLEX	18350	692-2499-1835000

PROJECT DESCRIPTION

Project provides funding for perimeter fencing at the soccer complex boundaries to minimize foul balls entering the adjacent roadways. The project replaces some of the existing fencing at Winters Complex and installs new fencing at Audubon Complex at Trails Parkway, Frontier Drive, and parking lot.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	140,000
TOTAL FUNDED	$	140,000
UNFUNDED	$	
PROJECT TOTAL	$	140,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Future maintenance for vinyl chain-link fencing.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		140						140
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		140						140

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		140						140
Other								
Unfunded								
TOTAL SOURCES		140						140

PROJECT SCHEDULE	START	FINISH
Design	3/2015	5/2015
Land/Right-of-Way		
Construction	6/2015	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2015	12/2015

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 4

DEPARTMENT PARKS & RECREATION

PROJECT TITLE PEDESTRIAN/BIKE BRIDGES - DUCK CREEK

PROJECT NO(S). 18351

ACCOUNT NO(S). 692-2499-1835100

PROJECT DESCRIPTION

Project provides funding to replace two existing deteriorated drainage crossings along the trail on the east bank of Duck Creek in the Duck Creek Greenbelt. The existing trail is heavily used, and these two crossings have experienced severe erosion. In addition, the concrete walking surfaces are no longer compliant with Texas Accessibility Standards. The proposed steel bridges allow pedestrians, bicycles, and maintenance equipment to cross the drainage structures and are similar to those replaced along the west bank in recent years.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$	
UNFUNDED	$	225,000
PROJECT TOTAL	$	225,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

Replaces existing deteriorated drainage crossings along the trail on the east bank of Duck Creek in the Duck Creek Greenbelt.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design			25					25
Land/Right-of-Way								
Construction			200					200
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS			225					225

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			225					225
TOTAL SOURCES			225					225

PROJECT SCHEDULE	START	FINISH
Design	3/2016	6/2016
Land/Right-of-Way		
Construction	8/2016	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	3/2016	12/2016

STREET/TRANSPORTATION DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Engineering										
14176	New Sidewalks	ST01	GOB04/CF	$1,931	$430	$404	$430	$430	$0	$0	$3,625
14200	Street and Alley Petition	ST02	GOB04	12	325	325	325	325	488	0	1,800
14202	Sidewalk / Curb & Gutter Participation	ST03	GOB04/Other	2,278	433	350	350	281	0	0	3,692
14255	Fifth Street - Miller to Avenue D - Phase B	ST04	GOB04	3,671	0	0	0	0	0	1,489	5,160
14257	Pleasant Valley - Firewheel Pkwy. to Richfield	ST05	GOB04/Other	2,955	4,029	0	0	0	0	0	6,984
14261	Oates Road - Broadway to Rosehill	ST06	GOB04	72	850	4,102	0	0	0	0	5,024
14263	Dairy Road - E. Celeste to Broadway	ST07	GOB04	3,350	250	0	0	0	0	0	3,600
14264	Callejo Road - Botello to Campbell	ST08	GOB04	0	0	0	0	0	0	6,000	6,000
14265	Chaha Road - I.H. 30 to Zion	ST09	GOB04	0	0	0	0	0	0	1,000	1,000
14266	Chaha Rd - I.H. 30 to Lake Ray Hubbard Pkwy.	ST10	GOB04	778	0	0	0	0	0	2,422	3,200
14272	Bobtown Road - Rowlett to Waterhouse	ST11	GOB04	185	350	2,440	2,225	0	0	0	5,200
14273	Brand Road - S.H. 190 to Muirfield	ST12	GOB04	0	0	100	550	200	2,900	4,850	8,600
14279	Northwest Highway - Centerville to La Prada	ST13	GOB04/Other	2,484	3,182	0	0	0	0	0	5,666
14288	Shiloh Road - I.H. 635 to Kingsley	ST14	GOB04/Other	664	4,216	5,780	0	0	0	0	10,660
14292	Pleasant Valley Road Bridge	ST15	CO/Other/UNF	2,343	6,100	13,524	6,000	0	0	0	27,967
14294	Miller Road Bridge	ST16	CO	407	215	0	0	0	0	0	622
14300	Fifth Street - Miller to Kingsley	ST17	GOB97	153	75	812	800	0	0	0	1,840
14301	Screen Wall Reconstruction	ST18	CO/UNF	30	120	100	100	0	0	0	350
14302	Brand Road Alignment Study	ST19	CO/CF/Other	100	900	400	0	0	0	0	1,400
14303	* Waterhouse - Bobtown to Hayman	ST20	CF	0	400	1,100	0	0	0	0	1,500
	Transportation										
15640	Operational and Safety Improvements	ST21	GOB04/INT	625	702	100	120	120	150	100	1,917
15217	Miscellaneous Equipment and Services	ST22	Other	206	55	0	0	0	0	0	261
15600	New Traffic Signal Installations	ST23	GOB04/Other	366	362	300	300	300	300	288	2,216
15544	LED Replacement Program	ST24	CF/UNF	250	100	150	0	0	0	0	500
15530	Traffic Control System	ST25	GOB04/Other	1,100	494	250	250	475	500	2,031	5,100
15546	Emergency Services Signal Equipment	ST26	GOB97/04/Other	270	102	125	125	100	100	0	822
15578	Railroad Crossing Improvements	ST27	GOB97/04	100	197	50	150	100	100	500	1,197
15596	North-South Bikeway	ST28	GOB97/Other	200	310	840	1,200	0	0	0	2,550
15620	Signal Equipment Modernizations	ST29	GOB04/Other	1,305	410	250	250	250	250	500	3,215
15751	Train Quiet Zone	ST30	GOB04	317	108	0	0	0	0	1,675	2,100
14304	* LBJ Sound Wall Aesthetics	ST31	CO	0	500	0	0	0	0	0	500

*Project funded for the first time

STREET/TRANSPORTATION DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Street										
39815	* Chandler Drive - Cedar Dr. to Ewing Dr.	ST32	CDBG	$0	$219	$0	$0	$0	$0	$0	$219
39816	* Alamo Lane - Northwood Dr. to Sylvan Dr.	ST33	CDBG	0	185	0	0	0	0	0	185
39817	* Edgefield Drive - First St. to Third St.	ST34	CDBG	0	250	0	0	0	0	0	250
39818	* Street Reconstruction and Improvements	ST35	CO/UNF	0	2,783	4,006	3,679	3,555	4,237	14,987	33,247
	Undesignated - Street/Transportation		GOB97	0	0	0	0	0	0	660	660
	Undesignated - Street/Transportation		GOB04	0	0	0	0	0	0	22,969	22,969
	Total			$26,152	$28,652	$35,508	$16,854	$6,136	$9,025	$59,471	$181,798
	Total Existing CO's/CF/Other			$3,958	$15,769	$20,594	$5,700	$0	$0	$0	$46,021
	2015 Certificate of Obligation			0	3,283	0	0	0	0	0	3,283
	Total Unfunded			0	0	4,106	5,279	3,555	4,237	14,987	32,164
	Total 1997 Bond Program			529	582	812	800	0	0	660	3,383
	Total 2004 Bond Program			21,665	9,018	9,996	5,075	2,581	4,788	43,824	96,947
	Total			$26,152	$28,652	$35,508	$16,854	$6,136	$9,025	$59,471	$181,798

*Project funded for the first time

STREET/TRANSPORTATION DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Engineering									
14176	New Sidewalks	ST01	Appr.	$225	$404	$430	$430	$0	$0	$1,489
14200	Street and Alley Petition	ST02	Appr.	75	325	325	325	488	0	1,538
14202	Sidewalk / Curb & Gutter Participation	ST03	Appr.	290	350	350	281	0	0	1,271
14255	Fifth Street - Miller to Avenue D - Phase B	ST04	Appr.	0	0	0	0	0	1,489	1,489
14261	Oates Road - Broadway to Rosehill	ST06	Appr.	0	4,100	0	0	0	0	4,100
14264	Callejo Road - Botello to Campbell	ST08	Appr.	0	0	0	0	0	6,000	6,000
14265	Chaha Road - I.H. 30 to Zion	ST09	Appr.	0	0	0	0	0	1,000	1,000
14266	Chaha Rd - I.H. 30 to Lake Ray Hubbard Pkwy.	ST10	Appr.	0	0	0	0	0	2,422	2,422
14272	Bobtown Road - Rowlett to Waterhouse	ST11	Appr.	85	2,440	2,225	0	0	0	4,750
14273	Brand Road - S.H. 190 to Muirfield	ST12	Appr.	0	100	550	200	2,900	4,850	8,600
14288	Shiloh Road - I.H. 635 to Kingsley	ST14	Appr.	0	1,200	0	0	0	0	1,200
14292	Pleasant Valley Road Bridge	ST15	Appr.	0	0	1,500	0	0	0	1,500
14300	Fifth Street - Miller to Kingsley	ST17	Appr.	0	100	800	0	0	0	900
14301	Screen Wall Reconstruction	ST18	Appr.	0	100	100	0	0	0	200
	Transportation									
15640	Operational and Safety Improvements	ST21	Appr.	0	100	120	120	150	100	590
15600	New Traffic Signal Installations	ST23	Appr.	300	300	300	300	300	288	1,788
15530	Traffic Control System	ST25	Appr.	175	250	250	475	500	2,031	3,681
15546	Emergency Services Signal Equipment	ST26	Appr.	50	125	125	100	100	0	500
15578	Railroad Crossing Improvements	ST27	Appr.	0	50	150	100	100	500	900
15620	Signal Equipment Modernizations	ST29	Appr.	250	250	250	250	250	500	1,750
15751	Train Quiet Zone	ST30	Appr.	0	0	0	0	0	1,675	1,675
14304	* LBJ Sound Wall Aesthetics	ST31	Appr.	500	0	0	0	0	0	500
	Street									
39818	* Street Reconstruction and Improvements	ST35	Appr.	2,783	4,006	3,679	3,555	4,237	14,987	33,247
	Undesignated - Street/Transportation		Appr.	0	0	0	0	0	23,629	23,629
	Total			$4,733	$14,200	$11,154	$6,136	$9,025	$59,471	$104,719
	Total Approved			$4,733	$14,200	$11,154	$6,136	$9,025	$59,471	$104,719
	Total Unapproved			0	0	0	0	0	0	0
	Total			$4,733	$14,200	$11,154	$6,136	$9,025	$59,471	$104,719

*Project funded for the first time

PAGE NO: **ST01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ENGINEERING

PROJECT TITLE: NEW SIDEWALKS

PROJECT NO(S).: 14176

ACCOUNT NO(S).: 624-1409-1417604

PROJECT DESCRIPTION

This program is for the construction of new sidewalks or missing sidewalk segments.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,500,000
Current Funds	125,035
TOTAL FUNDED	$ 3,625,035
UNFUNDED	$
PROJECT TOTAL	$ 3,625,035

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		60	60	60	60			240
Land/Right-of-Way		20	20	20	20			80
Construction	1,931	350	324	350	350			3,305
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,931	430	404	430	430			3,625

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		125						125
GO's/Com Paper Issued	2,011							2,011
GO's Unissued		225	404	430	430			1,489
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	2,011	350	404	430	430			3,625

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ENGINEERING

PROJECT TITLE: STREET AND ALLEY PETITION

PROJECT NO(S).: 14200

ACCOUNT NO(S).: 624-1409-1420004

PROJECT DESCRIPTION

This program reserves funds to participate with property owners in the Volunteer Street and Alley Petition Program within the city.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,800,000
TOTAL FUNDED	$ 1,800,000
UNFUNDED	$
PROJECT TOTAL	$ 1,800,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	12	75	75	75	75	88		400
Land/Right-of-Way								
Construction		250	250	250	250	400		1,400
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	12	325	325	325	325	488		1,800

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	262							262
GO's Unissued		75	325	325	325	488		1,538
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	262	75	325	325	325	488		1,800

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ENGINEERING

PROJECT TITLE: SIDEWALK / CURB & GUTTER PARTICIPATION

PROJECT NO(S).: 14202

ACCOUNT NO(S).: 624-1409-1420204

PROJECT DESCRIPTION

This program reserves funds to participate with property owners in the reconstruction of concrete sidewalk and curb & gutter sections throughout the city.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,171,531
Sidewalk Participation	520,372
TOTAL FUNDED	$ 3,691,903
UNFUNDED	$
PROJECT TOTAL	$ 3,691,903

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	2,278	433	350	350	281			3,692
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,278	433	350	350	281			3,692

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	1,901							1,901
GO's Unissued		290	350	350	281			1,271
RB's/Com Paper								
Certificates of Obligation								
Other (Sidewalk Partic.)	487	33						520
Unfunded								
TOTAL SOURCES	2,388	323	350	350	281			3,692

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: ST04	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	FIFTH STREET - MILLER TO AVENUE D - PHASE B	14255	624-1409-1425504

PROJECT DESCRIPTION

Funding is provided for design, land acquisition, permitting, offsite drainage system, and construction cost related to reconstruction of a Type "E" thoroughfare. All work with the exception of an offsite drainage system is expected to be completed before 2015.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,160,000
TOTAL FUNDED	$ 5,160,000
UNFUNDED	$
PROJECT TOTAL	$ 5,160,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	699						200	899
Land/Right-of-Way	34							34
Construction	2,938						1,289	4,227
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,671						1,489	5,160

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
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								
Unfunded								
TOTAL SOURCES	3,671						1,489	5,160

PROJECT SCHEDULE	START	FINISH
Design	9/2007	12/2020
Land/Right-of-Way	6/2007	1/2012
Construction	1/2007	12/2020
Finish Out		
Other		
TOTAL SCHEDULE	1/2007	12/2020

PAGE NO: ST05	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 1

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	PLEASANT VALLEY - FIREWHEEL TO RICHFIELD	14257	624-1409-1425704

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, and construction costs related to the construction of a four-lane divided Type "C" thoroughfare. This project includes funding from Dallas County.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,642,000
Dallas County	3,342,000
TOTAL FUNDED	$ 6,984,000
UNFUNDED	$
PROJECT TOTAL	$ 6,984,000

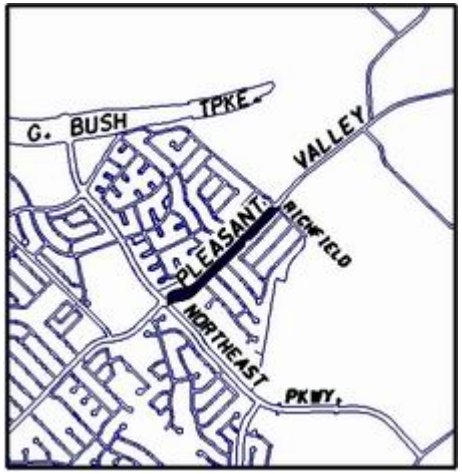
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	253							253
Land/Right-of-Way								
Construction	2,702	4,029						6,731
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,955	4,029						6,984

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	3,642							3,642
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Dallas County)		3,342						3,342
Unfunded								
TOTAL SOURCES	3,642	3,342						6,984

PROJECT SCHEDULE	START	FINISH
Design	6/2007	6/2011
Land/Right-of-Way		
Construction	1/2013	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	6/2007	12/2015

PAGE NO: ST06	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 4

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	OATES ROAD - BROADWAY TO ROSEHILL	14261	624-1409-1426104

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, widening and improvements based on thoroughfare plan.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,024,098
TOTAL FUNDED	$ 5,024,098
UNFUNDED	$
PROJECT TOTAL	$ 5,024,098

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	72	250						322
Land/Right-of-Way		100						100
Construction		500	4,102					4,602
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	72	850	4,102					5,024

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	924							924
GO's Unissued			4,100					4,100
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	924		4,100					5,024

PROJECT SCHEDULE	START	FINISH
Design	11/2013	6/2015
Land/Right-of-Way	1/2015	12/2015
Construction	9/2015	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	11/2013	12/2016

PAGE NO: ST07	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	DAIRY ROAD - E. CELESTE TO BROADWAY	14263	624-1409-1426304

PROJECT DESCRIPTION

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

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,600,000
TOTAL FUNDED	$ 3,600,000
UNFUNDED	$
PROJECT TOTAL	$ 3,600,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	445							445
Land/Right-of-Way								
Construction	2,905	250						3,155
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,350	250						3,600

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	3,600							3,600
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	3,600							3,600

PROJECT SCHEDULE	START	FINISH
Design	12/2009	12/2013
Land/Right-of-Way		
Construction	1/2014	1/2015
Finish Out		
Other		
TOTAL SCHEDULE	12/2009	1/2015

PAGE NO: ST08	*Unfunded Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 7

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	CALLEJO ROAD - BOTELLO TO CAMPBELL	14264	624-1409-1426404

PROJECT DESCRIPTION

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

FUNDING SOURCE(S)

2004 Bond Fund	$ 6,000,000
TOTAL FUNDED	$ 6,000,000
UNFUNDED	$
PROJECT TOTAL	$ 6,000,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							300	300
Land/Right-of-Way							300	300
Construction							5,400	5,400
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							6,000	6,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							6,000	6,000
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							6,000	6,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2023	12/2025

PAGE NO: ST09	*Unfunded Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 3

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	CHAHA ROAD - I.H. 30 TO ZION	14265	624-1409-1426504

PROJECT DESCRIPTION

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

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,000,000
TOTAL FUNDED	$ 1,000,000
UNFUNDED	$
PROJECT TOTAL	$ 1,000,000

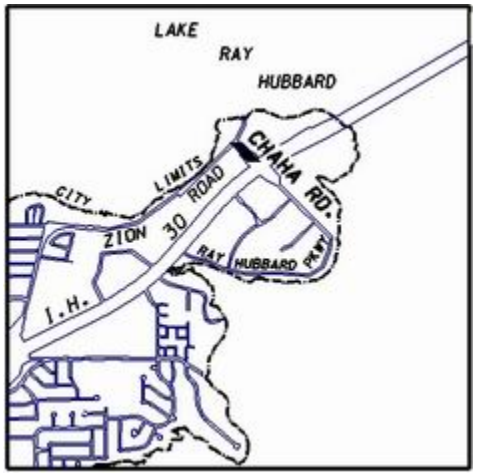
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							100	100
Land/Right-of-Way							100	100
Construction							800	800
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							1,000	1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							1,000	1,000
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							1,000	1,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2023	12/2024

PAGE NO: ST10	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 3

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	CHAHA RD. - I.H. 30 TO LAKE RAY HUBBARD PKWY.	14266	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 in relation to the Harbor Point project in 2005-2006.

Phase II projected to start in 2023.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,200,000
TOTAL FUNDED	$ 3,200,000
UNFUNDED	$
PROJECT TOTAL	$ 3,200,000

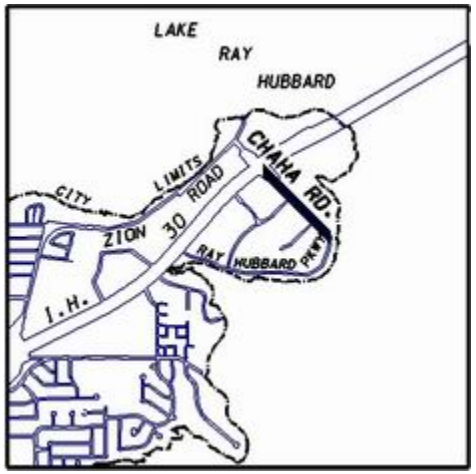
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	75						394	469
Land/Right-of-Way	703						70	773
Construction							1,958	1,958
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	778						2,422	3,200

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	778							778
GO's Unissued							2,422	2,422
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	778						2,422	3,200

PROJECT SCHEDULE	START	FINISH
Design	3/2009	12/2025
Land/Right-of-Way	1/2010	12/2025
Construction	4/2023	12/2025
Finish Out		
Other		
TOTAL SCHEDULE	3/2009	12/2025

PAGE NO:				COUNCIL DISTRICT(S)
ST11	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	3, 4

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	BOBTOWN ROAD - ROWLETT TO WATERHOUSE	14272	624-1409-1427204

PROJECT DESCRIPTION

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

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,200,000
TOTAL FUNDED	$ 5,200,000
UNFUNDED	$
PROJECT TOTAL	$ 5,200,000

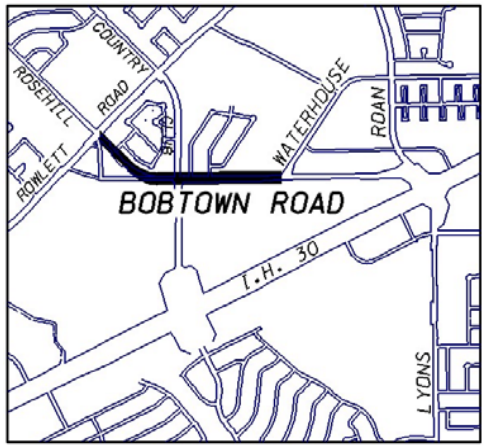
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	185	200	25					410
Land/Right-of-Way		150						150
Construction			2,415	2,225				4,640
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	185	350	2,440	2,225				5,200

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	450							450
GO's Unissued		85	2,440	2,225				4,750
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	450	85	2,440	2,225				5,200

PROJECT SCHEDULE	START	FINISH
Design	9/2014	10/2016
Land/Right-of-Way	8/2015	12/2015
Construction	2/2016	10/2017
Finish Out		
Other		
TOTAL SCHEDULE	9/2014	10/2017

PAGE NO: **ST12**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 1

DEPARTMENT: ENGINEERING

PROJECT TITLE: BRAND ROAD - S.H. 190 TO MUIRFIELD

PROJECT NO(S).: 14273

ACCOUNT NO(S).: 624-1409-1427304

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, and construction costs related to the reconstruction of a four-lane divided Type "C" thoroughfare.

FUNDING SOURCE(S)

2004 Bond Fund	$ 8,600,000
TOTAL FUNDED	$ 8,600,000
UNFUNDED	$
PROJECT TOTAL	$ 8,600,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

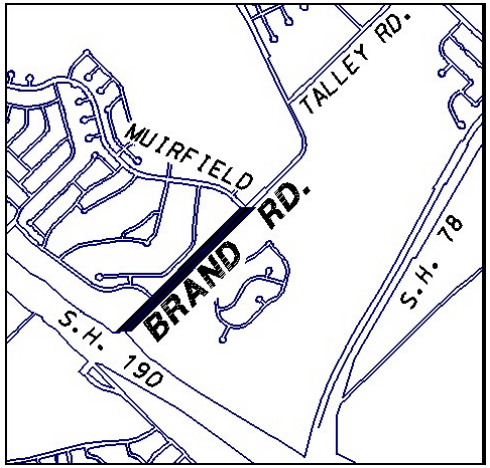
Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design			100	550	100			750
Land/Right-of-Way					100			100
Construction						2,900	4,850	7,750
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS			100	550	200	2,900	4,850	8,600

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued			100	550	200	2,900	4,850	8,600
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES			100	550	200	2,900	4,850	8,600

PROJECT SCHEDULE	START	FINISH
Design	3/2016	12/2018
Land/Right-of-Way	1/2018	8/2018
Construction	1/2019	12/2020
Finish Out		
Other		
TOTAL SCHEDULE	3/2016	12/2020

PAGE NO: ST13	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 4, 5

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	NORTHWEST HWY. - CENTERVILLE TO LA PRADA	14279	624-1409-1427904

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,833,000
Dallas County	2,833,000
TOTAL FUNDED	$ 5,666,000
UNFUNDED	$
PROJECT TOTAL	$ 5,666,000

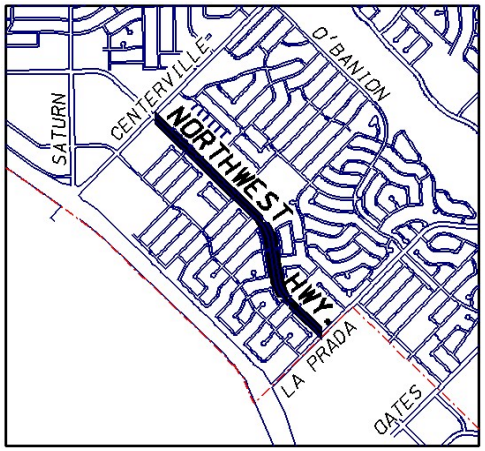
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	331							331
Land/Right-of-Way								
Construction	2,153	3,182						5,335
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,484	3,182						5,666

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	2,833							2,833
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Dallas County)		2,833						2,833
Unfunded								
TOTAL SOURCES	2,833	2,833						5,666

PROJECT SCHEDULE	START	FINISH
Design	1/2008	12/2012
Land/Right-of-Way		
Construction	11/2013	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	1/2008	12/2015

PAGE NO: ST14	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S) 5

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	SHILOH ROAD - I.H. 635 TO KINGSLEY	14288	624-1409-1428804

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,920,000
Dallas County	4,740,000
TOTAL FUNDED	$ 10,660,000
UNFUNDED	$
PROJECT TOTAL	$ 10,660,000

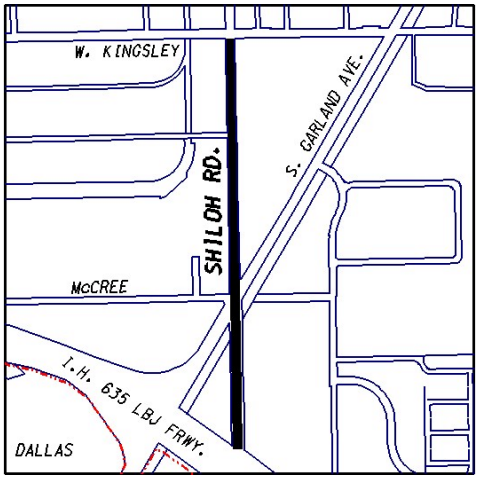
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	640	190	60					890
Land/Right-of-Way	24	26						50
Construction		4,000	5,720					9,720
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	664	4,216	5,780					10,660

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	4,720							4,720
GO's Unissued			1,200					1,200
RB's/Com Paper								
Certificates of Obligation								
Other (Dallas County)		160	4,580					4,740
Unfunded								
TOTAL SOURCES	4,720	160	5,780					10,660

PROJECT SCHEDULE	START	FINISH
Design	6/2007	6/2016
Land/Right-of-Way	1/2014	12/2015
Construction	6/2015	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	6/2007	12/2016

PAGE NO: ST15	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) N/A

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	PLEASANT VALLEY ROAD BRIDGE	14292	693-1409-1429200

PROJECT DESCRIPTION

Complete reconstruction of Pleasant Valley Road Bridge over Rowlett Creek. Includes funding from Dallas County and the Regional Toll Revenue Program (RTR).

FUNDING SOURCE(S)

RTR	$ 21,476,000
Dallas County	2,700,000
Certificates of Oblig. Issued	2,291,000
TOTAL FUNDED	$ 26,467,000
UNFUNDED	$ 1,500,000
PROJECT TOTAL	$ 27,967,000

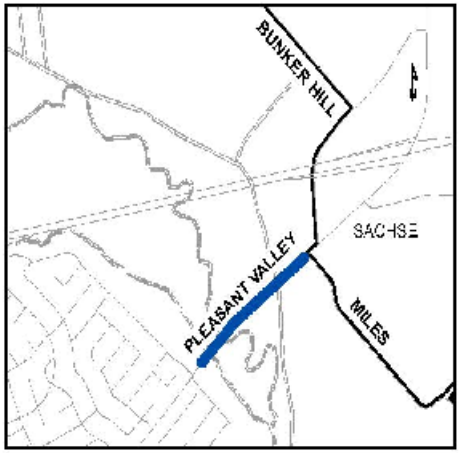
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	2,203	100	100					2,403
Land/Right-of-Way	140							140
Construction		6,000	13,424	6,000				25,424
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,343	6,100	13,524	6,000				27,967

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	2,291							2,291
Other (RTR/Dallas Cnty)	3,539	2,613	13,524	4,500				24,176
Unfunded				1,500				1,500
TOTAL SOURCES	5,830	2,613	13,524	6,000				27,967

PROJECT SCHEDULE	START	FINISH
Design	1/2010	4/2016
Land/Right-of-Way	10/2012	6/2014
Construction	6/2015	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	1/2010	12/2017

PAGE NO: ST16	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S)
			N/A

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	MILLER ROAD BRIDGE	14294	692-1409-1429400

PROJECT DESCRIPTION

Participation with Dallas County and the City of Rowlett in reconstruction of Miller Road Bridge over Rowlett Creek

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	622,000
TOTAL FUNDED	$	622,000
UNFUNDED	$	
PROJECT TOTAL	$	622,000

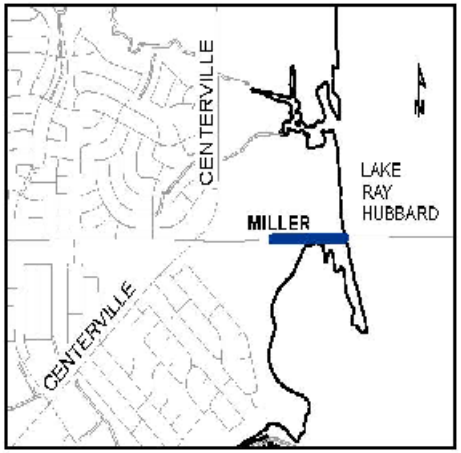
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	407	215						622
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	407	215						622

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	622							622
Other								
Unfunded								
TOTAL SOURCES	622							622

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	12/2013	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	12/2013	12/2015

PAGE NO:				COUNCIL DISTRICT(S)
ST17	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	FIFTH STREET - MILLER TO KINGSLEY	14300	622-1409-1430097

PROJECT DESCRIPTION

Reconstruction of the paving and drainage of 2,900 linear feet of Fifth Street between Miller and Kingsley.

FUNDING SOURCE(S)

1997 Bond Fund	$ 1,840,000
TOTAL FUNDED	$ 1,840,000
UNFUNDED	$
PROJECT TOTAL	$ 1,840,000

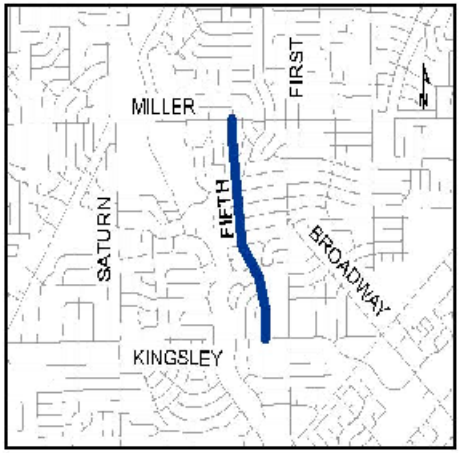
IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	153	55						208
Land/Right-of-Way		20						20
Construction			812	800				1,612
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	153	75	812	800				1,840

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	940							940
GO's Unissued			100	800				900
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	940		100	800				1,840

PROJECT SCHEDULE	START	FINISH
Design	1/2013	3/2015
Land/Right-of-Way	1/2015	6/2015
Construction	8/2016	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	1/2013	12/2017

PAGE NO: **ST18**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ENGINEERING

PROJECT TITLE: SCREEN WALL RECONSTRUCTION

PROJECT NO(S).: 14301

ACCOUNT NO(S).: 692-1409-1430114

PROJECT DESCRIPTION

This program provides funding for the design and reconstruction of City-owned screening walls.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	150,000
TOTAL FUNDED	$	150,000
UNFUNDED	$	200,000
PROJECT TOTAL	$	350,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	30	120	100	100				350
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	30	120	100	100				350

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	150							150
Other								
Unfunded			100	100				200
TOTAL SOURCES	150		100	100				350

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST19**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ENGINEERING

PROJECT TITLE: BRAND ROAD ALIGNMENT STUDY

PROJECT NO(S).: 14302

ACCOUNT NO(S).: 692-1409-1430214

PROJECT DESCRIPTION

Alignment study of Brand Road, Campbell Road, and Naaman School Road. This project includes funding from Dallas County.

FUNDING SOURCE(S)

Dallas County	$	700,000
Certificates of Oblig. Issued		150,000
Current Funds		550,000
TOTAL FUNDED	$	1,400,000
UNFUNDED	$	
PROJECT TOTAL	$	1,400,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	100	900	400					1,400
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	100	900	400					1,400

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		550						550
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	150							150
Other (Dallas County)		300	400					700
Unfunded								
TOTAL SOURCES	150	850	400					1,400

PROJECT SCHEDULE	START	FINISH
Design	4/2014	6/2016
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	4/2014	6/2016

PAGE NO:				COUNCIL DISTRICT(S)
ST20	*New Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	3, 4

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	WATERHOUSE - BOBTOWN TO HAYMAN	14303	692-1409-1430315

PROJECT DESCRIPTION

Construction of Waterhouse Road 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.

FUNDING SOURCE(S)

Current Funds	$ 1,500,000
TOTAL FUNDED	$ 1,500,000
UNFUNDED	$
PROJECT TOTAL	$ 1,500,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		400	100					500
Land/Right-of-Way								
Construction			1,000					1,000
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		400	1,100					1,500

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		400	1,100					1,500
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES		400	1,100					1,500

PROJECT SCHEDULE	START	FINISH
Design	1/2015	10/2016
Land/Right-of-Way		
Construction	2/2016	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	1/2015	12/2016

PAGE NO: **ST21**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: OPERATIONAL AND SAFETY IMPROVEMENTS

PROJECT NO(S).: 15640

ACCOUNT NO(S).: 624-1799-1564004, 623-1799-1564004

PROJECT DESCRIPTION

This ongoing project provides 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, etc.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,467,393
Interest	450,000
TOTAL FUNDED	$ 1,917,393
UNFUNDED	$
PROJECT TOTAL	$ 1,917,393

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	100	100						200
Land/Right-of-Way								
Construction	525	602	100	120	120	150	100	1,717
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	625	702	100	120	120	150	100	1,917

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	877							877
GO's Unissued			100	120	120	150	100	590
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)		450						450
Unfunded								
TOTAL SOURCES	877	450	100	120	120	150	100	1,917

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST22**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: MISCELLANEOUS EQUIPMENT AND SERVICES

PROJECT NO(S).: 15217

ACCOUNT NO(S).: 623-1799-1521700

PROJECT DESCRIPTION

This ongoing project provides funding for the acquisition of various equipment and services including a traffic sign inventory system, a thermoplastic machine, and an enclosed 12-foot trailer.

FUNDING SOURCE(S)

DART LAP/CMS	$	261,401
TOTAL FUNDED	$	261,401
UNFUNDED	$	
PROJECT TOTAL	$	261,401

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	3							3
Land/Right-of-Way								
Construction	10							10
Landscaping								
Equip. & Furnish.	193	55						248
Other								
TOTAL COSTS	206	55						261

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (DART)	261							261
Unfunded								
TOTAL SOURCES	261							261

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST23**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: NEW TRAFFIC SIGNAL INSTALLATIONS

PROJECT NO(S).: 15600

ACCOUNT NO(S).: 624-1799-1560004

PROJECT DESCRIPTION

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 is also included in this project.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,160,000
Reimbursement	55,938
TOTAL FUNDED	$ 2,215,938
UNFUNDED	$
PROJECT TOTAL	$ 2,215,938

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The installation of additional traffic signals will increase maintenance and electric consumption costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	117	50	25	25	25	25	25	292
Land/Right-of-Way								
Construction	150	200	225	225	225	225	213	1,463
Landscaping								
Equip. & Furnish.	99	112	50	50	50	50	50	461
Other								
TOTAL COSTS	366	362	300	300	300	300	288	2,216

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	372							372
GO's Unissued		300	300	300	300	300	288	1,788
RB's/Com Paper								
Certificates of Obligation								
Other (Reimbursements)	56							56
Unfunded								
TOTAL SOURCES	428	300	300	300	300	300	288	2,216

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST24**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: LED REPLACEMENT PROGRAM

PROJECT NO(S).: 15544

ACCOUNT NO(S).: 692-1799-1554400

PROJECT DESCRIPTION

The traffic signals in Garland are equipped with Light Emitting Diodes (LEDs) that are much more energy-efficient and have a greater life span than traditional incandescent light bulbs. This project has been created to provide funding for the replacement of the LED lights. Funding for this project comes from cash transferred from the General Fund and Safelight Fund.

FUNDING SOURCE(S)

Current Funds	$	400,000
TOTAL FUNDED	$	400,000
UNFUNDED	$	100,000
PROJECT TOTAL	$	500,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	250	100	150					500
Other								
TOTAL COSTS	250	100	150					500

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	300	100						400
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			100					100
TOTAL SOURCES	300	100	100					500

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST25**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: TRAFFIC CONTROL SYSTEM

PROJECT NO(S).: 15530

ACCOUNT NO(S).: 624-1799-1553000, 623-1799-1553000

PROJECT DESCRIPTION

The purpose of this project is to develop a basic interconnected Traffic Control System. It includes design, equipment acquisition, implementation, and construction efforts. The improvements include new signal poles and displays, new or additional vehicle detectors, communications ability with other signal equipment, and traffic signal control equipment upgrades.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,000,000
DART LAP/CMS	100,000
TOTAL FUNDED	$ 5,100,000
UNFUNDED	$
PROJECT TOTAL	$ 5,100,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The installation of new equipment will reduce emergency maintenance requirements.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	50							50
Land/Right-of-Way								
Construction	675							675
Landscaping								
Equip. & Furnish.	375	494	250	250	475	500	2,031	4,375
Other								
TOTAL COSTS	1,100	494	250	250	475	500	2,031	5,100

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	1,319							1,319
GO's Unissued		175	250	250	475	500	2,031	3,681
RB's/Com Paper								
Certificates of Obligation								
Other (DART)		100						100
Unfunded								
TOTAL SOURCES	1,319	275	250	250	475	500	2,031	5,100

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST26**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: EMERGENCY SERVICES SIGNAL EQUIPMENT

PROJECT NO(S).: 15546

ACCOUNT NO(S).: 622-1799-1554600, 623-1799-1554600

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

1997 Bond Fund	$	175,745
2004 Bond Fund		500,000
TxDOT		96,187
Interest		50,000
TOTAL FUNDED	$	821,932
UNFUNDED	$	
PROJECT TOTAL	$	821,932

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

The installation of equipment at additional locations will require increased preventive and routine maintenance efforts. The upgrade of equipment at existing locations should result in decreased routine maintenance at those locations.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	3							3
Landscaping								
Equip. & Furnish.	267	102	125	125	100	100		819
Other								
TOTAL COSTS	270	102	125	125	100	100		822

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	176							176
GO's Unissued		50	125	125	100	100		500
RB's/Com Paper								
Certificates of Obligation								
Other (TxDOT/Interest)	96	50						146
Unfunded								
TOTAL SOURCES	272	100	125	125	100	100		822

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST27**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 1, 2

DEPARTMENT TRANSPORTATION

PROJECT TITLE RAILROAD CROSSING IMPROVEMENTS

PROJECT NO(S). 15578

ACCOUNT NO(S). 622-1799-1557800

PROJECT DESCRIPTION

Replacement of railroad crossing surfaces at various locations.

FUNDING SOURCE(S)

1997 Bond Fund	$ 197,041
2004 Bond Fund	1,000,000
TOTAL FUNDED	$ 1,197,041
UNFUNDED	$
PROJECT TOTAL	$ 1,197,041

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	100	197	50	150	100	100	500	1,197
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	100	197	50	150	100	100	500	1,197

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	297							297
GO's Unissued			50	150	100	100	500	900
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	297		50	150	100	100	500	1,197

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST28**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: NORTH-SOUTH BIKEWAY

PROJECT NO(S).: 15596, 15596

ACCOUNT NO(S).: 622-1799-1559600, 692-1799-15596XX

PROJECT DESCRIPTION

This project includes bridges, trails, and on-street markings connecting the Duck Creek Greenbelt to Winters Park. Also includes connections to Firewheel Town Center, Breckinridge Park in Richardson, and the bike trail to Town East Mall in Mesquite, with funding from the Regional Toll Revenue (RTR) Program.

FUNDING SOURCE(S)

1997 Bond Fund	$ 510,000
RTR	2,040,000
TOTAL FUNDED	$ 2,550,000
UNFUNDED	$
PROJECT TOTAL	$ 2,550,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	100	100	16					216
Land/Right-of-Way								
Construction	100	210	824	1,200				2,334
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	200	310	840	1,200				2,550

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	510							510
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (RTR)			840	1,200				2,040
Unfunded								
TOTAL SOURCES	510		840	1,200				2,550

PROJECT SCHEDULE	START	FINISH
Design	9/2012	12/2016
Land/Right-of-Way		
Construction	10/2012	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	9/2012	12/2017

PAGE NO: **ST29**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: SIGNAL EQUIPMENT MODERNIZATIONS

PROJECT NO(S).: 15620

ACCOUNT NO(S).: 624-1799-1562000

PROJECT DESCRIPTION

This project provides various traffic signal improvements such as replacing obsolete control equipment, replacing span wire installations with mast arm signals, upgrading left-turn displays, upgrading school zone beacons and equipment, and removing median-mounted left-turn poles. This project is coordinated with the Traffic Control System projects.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,100,000
Reimbursement	114,588
TOTAL FUNDED	$ 3,214,588
UNFUNDED	$
PROJECT TOTAL	$ 3,214,588

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Emergency and routine maintenance requirements should decrease where new equipment is installed.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	40							40
Land/Right-of-Way								
Construction	480	100	250	250	250	250	500	2,080
Landscaping								
Equip. & Furnish.	785	310						1,095
Other								
TOTAL COSTS	1,305	410	250	250	250	250	500	3,215

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	1,350							1,350
GO's Unissued		250	250	250	250	250	500	1,750
RB's/Com Paper								
Certificates of Obligation								
Other (Reimbursements)	115							115
Unfunded								
TOTAL SOURCES	1,465	250	250	250	250	250	500	3,215

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST30**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: TRAIN QUIET ZONE

PROJECT NO(S).: 15751

ACCOUNT NO(S).: 624-1799-1575104

PROJECT DESCRIPTION

This project will design and install a system of horns at railroad crossings and secure the necessary agreements with the railroad companies so that trains will not blow their horns at these crossings. The horns installed at the crossings are highly directional and blow directly down the street, thereby minimizing the noise in residential neighborhoods.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,100,000
TOTAL FUNDED	$ 2,100,000
UNFUNDED	$
PROJECT TOTAL	$ 2,100,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This will involve new equipment that will be necessary to maintain.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	100							100
Land/Right-of-Way								
Construction	217	108					1,675	2,000
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	317	108					1,675	2,100

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	425							425
GO's Unissued							1,675	1,675
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	425						1,675	2,100

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ST31**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 5

DEPARTMENT: TRANSPORTATION

PROJECT TITLE: LBJ SOUND WALL AESTHETICS

PROJECT NO(S).: 14304

ACCOUNT NO(S).: 692-1799-1430415

PROJECT DESCRIPTION

This project will provide for the design of aesthetic enhancements to the sound wall that will be constructed along LBJ Freeway between La Prada and Centerville. TxDOT will provide funding for a standard sound wall. Aesthetic enhancements are not paid by TxDOT.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	500,000
TOTAL FUNDED	$	500,000
UNFUNDED	$	
PROJECT TOTAL	$	500,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		50						50
Land/Right-of-Way								
Construction		450						450
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		500						500

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		500						500
Other								
Unfunded								
TOTAL SOURCES		500						500

PROJECT SCHEDULE	START	FINISH
Design	3/2015	3/2015
Land/Right-of-Way		
Construction	5/2015	6/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2015	6/2015

PAGE NO: **ST32**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: STREET

PROJECT TITLE: CHANDLER DRIVE - CEDAR DR. TO EWING DR.

PROJECT NO(S).: 39815

ACCOUNT NO(S).: 825-8378-3981515

PROJECT DESCRIPTION

CDBG-funded street construction.

FUNDING SOURCE(S)

CDBG Funds	$	219,000
TOTAL FUNDED	$	219,000
UNFUNDED	$	
PROJECT TOTAL	$	219,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		219						219
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		219						219

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (CDBG)		219						219
Unfunded								
TOTAL SOURCES		219						219

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	1/2015	9/2015
Finish Out		
Other		
TOTAL SCHEDULE	1/2015	9/2015

PAGE NO: **ST33**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 8

DEPARTMENT: STREET

PROJECT TITLE: ALAMO LANE - NORTHWOOD DR. TO SYLVAN DR.

PROJECT NO(S).: 39816

ACCOUNT NO(S).: 825-8378-3981615

PROJECT DESCRIPTION

CDBG-funded street construction.

FUNDING SOURCE(S)

CDBG Funds	$	185,000
TOTAL FUNDED	$	185,000
UNFUNDED	$	
PROJECT TOTAL	$	185,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		185						185
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		185						185

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (CDBG)		185						185
Unfunded								
TOTAL SOURCES		185						185

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	1/2015	9/2015
Finish Out		
Other		
TOTAL SCHEDULE	1/2015	9/2015

PAGE NO: **ST34**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: STREET

PROJECT TITLE: EDGEFIELD DRIVE - FIRST ST. TO THIRD ST.

PROJECT NO(S).: 39817

ACCOUNT NO(S).: 825-8378-3981715

PROJECT DESCRIPTION

CDBG-funded street construction.

FUNDING SOURCE(S)

CDBG Funds	$	250,000
TOTAL FUNDED	$	250,000
UNFUNDED	$	
PROJECT TOTAL	$	250,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		250						250
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		250						250

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (CDBG)		250						250
Unfunded								
TOTAL SOURCES		250						250

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	1/2015	9/2015
Finish Out		
Other		
TOTAL SCHEDULE	1/2015	9/2015

PAGE NO: **ST35**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: STREET

PROJECT TITLE: STREET RECONSTRUCTION AND IMPROVEMENTS

PROJECT NO(S).: 39818

ACCOUNT NO(S).: 692-4699-3981800

PROJECT DESCRIPTION

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 for the City to improve the condition of its streets.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$ 2,783,000
TOTAL FUNDED	$ 2,783,000
UNFUNDED	$ 30,464,000
PROJECT TOTAL	$ 33,247,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		2,783	4,006	3,679	3,555	4,237	14,987	33,247
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		2,783	4,006	3,679	3,555	4,237	14,987	33,247

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		2,783						2,783
Other								
Unfunded			4,006	3,679	3,555	4,237	14,987	30,464
TOTAL SOURCES		2,783	4,006	3,679	3,555	4,237	14,987	33,247

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

DRAINAGE DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
14230	Miscellaneous Flooding	D01	GOB04	$3,231	$711	$0	$0	$0	$0	$0	$3,942
14231	Petition Drainage	D02	GOB04/Other	1,264	1,105	162	0	0	0	0	2,531
14244	Classic and Yale	D03	GOB04/UNF	3,041	100	0	0	488	650	3,921	8,200
14245	Garland Heights / Freeman	D04	GOB04	0	0	0	0	0	350	3,850	4,200
14246	Parkmont Drive	D05	GOB04	171	350	2,229	500	0	0	0	3,250
14247	Voluntary Residential Buyout Program	D06	GOB04	0	0	0	0	0	0	800	800
14248	Bridge Remediation	D07	CF/CO	1,202	1,348	0	0	0	0	0	2,550
14299	Downtown Drainage Improvements	D08	CF/Other	1,392	1,271	0	0	0	0	0	2,663
	Total			$10,301	$4,885	$2,391	$500	$488	$1,000	$8,571	$28,136
	Total Existing CO's/Current Funds			$3,075	$2,619	$0	$0	$0	$0	$0	$5,694
	Unfunded			0	0	0	0	0	0	2,200	2,200
	2015 Certificate of Obligation			0	0	0	0	0	0	0	0
	Total 2004 Bond Program			7,226	2,266	2,391	500	488	1,000	6,371	20,242
	Total			$10,301	$4,885	$2,391	$500	$488	$1,000	$8,571	$28,136

DRAINAGE DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
14230	Miscellaneous Flooding	D01	Appr.	$450	$0	$0	$0	$0	$0	$450
14231	Petition Drainage	D02	Appr.	557	162	0	0	0	0	719
14244	Classic and Yale	D03	Appr.	100	0	0	488	650	3,921	5,159
14245	Garland Heights / Freeman	D04	Appr.	0	0	0	0	350	3,850	4,200
14246	Parkmont Drive	D05	Appr.	271	2,229	500	0	0	0	3,000
14247	Voluntary Residential Buyout Program	D06	Appr.	0	0	0	0	0	800	800
	Total			$1,378	$2,391	$500	$488	$1,000	$8,571	$14,328
	Total Approved			$1,378	$2,391	$500	$488	$1,000	$8,571	$14,328
	Total Unapproved			0	0	0	0	0	0	0
	Total			$1,378	$2,391	$500	$488	$1,000	$8,571	$14,328

PAGE NO: D01	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	MISCELLANEOUS FLOODING	14230	625-1409-1423004

PROJECT DESCRIPTION

Provides funds for the design and construction of miscellaneous projects at various locations around the City. The design and improvements will vary with respect to the nature of the problem and the proposed solution.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,942,000
TOTAL FUNDED	$ 3,942,000
UNFUNDED	$
PROJECT TOTAL	$ 3,942,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		100						100
Land/Right-of-Way								
Construction	3,231	611						3,842
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,231	711						3,942

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	3,492							3,492
GO's Unissued		450						450
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	3,492	450						3,942

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: D02

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: DRAINAGE

PROJECT TITLE: PETITION DRAINAGE

PROJECT NO(S).: 14231

ACCOUNT NO(S).: 625-1409-1423104

PROJECT DESCRIPTION

This program reserves funds to participate with property owners in the design and construction of drainage improvement districts throughout the City.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,050,000
Drainage Participation	480,887
TOTAL FUNDED	$ 2,530,887
UNFUNDED	$
PROJECT TOTAL	$ 2,530,887

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	340	200						540
Land/Right-of-Way								
Construction	924	905	162					1,991
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,264	1,105	162					2,531

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	1,331							1,331
GO's Unissued		557	162					719
RB's/Com Paper								
Certificates of Obligation								
Other (Drainage Part.)	481							481
Unfunded								
TOTAL SOURCES	1,812	557	162					2,531

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: D03	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 6

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	CLASSIC AND YALE	14244	625-1409-1424404

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, and construction related to drainage improvements in the vicinity of Classic and Yale Drives.

FUNDING SOURCE(S)

2004 Bond Fund	$ 6,000,000
TOTAL FUNDED	$ 6,000,000
UNFUNDED	$ 2,200,000
PROJECT TOTAL	$ 8,200,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	409	100			488	50		1,047
Land/Right-of-Way								
Construction	2,632					600	3,921	7,153
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,041	100			488	650	3,921	8,200

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	3,041							3,041
GO's Unissued		100			488	650	1,721	2,959
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded							2,200	2,200
TOTAL SOURCES	3,041	100			488	650	3,921	8,200

PROJECT SCHEDULE	START	FINISH
Design	6/2008	3/2019
Land/Right-of-Way		
Construction	10/2010	12/2020
Finish Out		
Other		
TOTAL SCHEDULE	6/2008	12/2020

PAGE NO: D04	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 8

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	GARLAND HEIGHTS / FREEMAN	14245	625-1409-1424504

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, and construction related to neighborhood drainage improvements.

FUNDING SOURCE(S)

2004 Bond Fund	$ 4,200,000
TOTAL FUNDED	$ 4,200,000
UNFUNDED	$
PROJECT TOTAL	$ 4,200,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design						300	200	500
Land/Right-of-Way						50	150	200
Construction							3,500	3,500
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS						350	3,850	4,200

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued						350	3,850	4,200
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES						350	3,850	4,200

PROJECT SCHEDULE	START	FINISH
Design	3/2019	12/2020
Land/Right-of-Way	1/2019	12/2020
Construction	10/2020	12/2021
Finish Out		
Other		
TOTAL SCHEDULE	1/2019	12/2021

PAGE NO:				COUNCIL DISTRICT(S)
D05	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	5

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	PARKMONT DRIVE	14246	625-1409-1424604

PROJECT DESCRIPTION

Funding is provided for the design, land acquisition, permitting, and construction related to drainage improvements in the vicinity of Parkmont Drive.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,250,000
TOTAL FUNDED	$ 3,250,000
UNFUNDED	$
PROJECT TOTAL	$ 3,250,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	171	275						446
Land/Right-of-Way		75						75
Construction			2,229	500				2,729
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	171	350	2,229	500				3,250

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	250							250
GO's Unissued		271	2,229	500				3,000
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	250	271	2,229	500				3,250

PROJECT SCHEDULE	START	FINISH
Design	9/2008	12/2015
Land/Right-of-Way	1/2015	12/2015
Construction	1/2016	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	9/2008	12/2017

PAGE NO: D06

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: DRAINAGE

PROJECT TITLE: VOLUNTARY RESIDENTIAL BUYOUT PROGRAM

PROJECT NO(S).: 14247

ACCOUNT NO(S).: 625-1409-1424704

PROJECT DESCRIPTION

Funding is provided for all aspects related to the development and implementation of a voluntary program for the purchase of residential properties that are subject to frequent flooding or in imminent danger due to erosion.

FUNDING SOURCE(S)

2004 Bond Fund	$	800,000
TOTAL FUNDED	$	800,000
UNFUNDED	$	
PROJECT TOTAL	$	800,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way							600	600
Construction							200	200
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							800	800

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							800	800
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES							800	800

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: D07	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 1

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	BRIDGE REMEDIATION	14248	692-1409-1424807

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Current Funds	$ 2,200,000
Certificates of Oblig. Issued	350,000
TOTAL FUNDED	$ 2,550,000
UNFUNDED	$
PROJECT TOTAL	$ 2,550,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	82							82
Land/Right-of-Way								
Construction	1,120	1,348						2,468
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,202	1,348						2,550

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,500	700						2,200
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	350							350
Other								
Unfunded								
TOTAL SOURCES	1,850	700						2,550

PROJECT SCHEDULE	START	FINISH
Design	4/2007	3/2014
Land/Right-of-Way		
Construction	4/2010	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	4/2007	12/2015

PAGE NO: D08	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	DOWNTOWN DRAINAGE IMPROVEMENTS	14299	692-1409-1429913

PROJECT DESCRIPTION

This project will provide funding to make paving and stormwater drainage improvements in Downtown according to the stormwater capacity needs identified in the Downtown Garland Drainage Study dated May 2006. Improvement areas adjacent to the City Center development include Austin Street (Fifth to the KCS rail line), Fifth Street (State to Main), State Street (Fifth to the KCS rail line), and along the west side of the KCS rail line (between State Street and Austin Street).

FUNDING SOURCE(S)

Current Funds	$ 1,754,464
Developer Participation	909,000
TOTAL FUNDED	$ 2,663,464
UNFUNDED	$
PROJECT TOTAL	$ 2,663,464

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	197	49						246
Land/Right-of-Way								
Construction	1,129	1,129						2,258
Landscaping								
Equip. & Furnish.								
Other	66	93						159
TOTAL COSTS	1,392	1,271						2,663

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,754							1,754
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Developer Part.)	909							909
Unfunded								
TOTAL SOURCES	2,663							2,663

PROJECT SCHEDULE	START	FINISH
Design	3/2013	1/2015
Land/Right-of-Way		
Construction	1/2014	6/2015
Finish Out		
Other	3/2013	6/2015
TOTAL SCHEDULE	3/2013	6/2015

LIBRARY DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
19580	Library Materials	L01	CO/UNF	$1,111	$1,127	$1,050	$1,050	$1,050	$1,050	$1,050	$7,488
19581	Facilities Upgrades	L02	CF/GOB04/CO	2,163	847	0	0	0	0	0	3,010
19584	Central Library Parking Lot Lighting	L03	CO	29	321	0	0	0	0	0	350
19585	Central Library Fire Upgrades	L04	CO	38	516	0	0	0	0	0	554
19587	RFID Service Delivery	L05	Other/UNF	217	75	616	918	0	0	0	1,826
	Total			$3,558	$2,886	$1,666	$1,968	$1,050	$1,050	$1,050	$13,228
	Total Existing CO's and Current Funds			$1,558	$1,815	$468	$75	$0	$0	$0	$3,916
	2015 Certificates of Obligation			0	1,071	0	0	0	0	0	1,071
	Total 2004 Bond Program			2,000	0	0	0	0	0	0	2,000
	Unfunded			0	0	1,198	1,893	1,050	1,050	1,050	6,241
	Total			$3,558	$2,886	$1,666	$1,968	$1,050	$1,050	$1,050	$13,228

LIBRARY DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
19580	Library Materials	L01	Appr.	$800	$1,050	$1,050	$1,050	$1,050	$1,050	$6,050
19581	Facilities Upgrades	L02	Appr.	40	0	0	0	0	0	40
19585	Central Library Fire Upgrades	L04	Appr.	231	0	0	0	0	0	231
19587	RFID Service Delivery	L05	Appr.	0	148	843	0	0	0	991
	Total			$1,071	$1,198	$1,893	$1,050	$1,050	$1,050	$7,312
	Total Approved			$1,071	$1,198	$1,893	$1,050	$1,050	$1,050	$7,312
	Total Unapproved			0	0	0	0	0	0	0
	Total			$1,071	$1,198	$1,893	$1,050	$1,050	$1,050	$7,312

PAGE NO: **L01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: LIBRARY

PROJECT TITLE: LIBRARY MATERIALS

PROJECT NO(S).: 19580

ACCOUNT NO(S).: 641-2599-1958004

PROJECT DESCRIPTION

Since 1998, funding for library materials has remained at $1,050,000. However, in 2015, funding is being reduced by $250,000 due to one-time available funds being approved in the FY2014-15 Operating Budget for library materials. The project is included in the Long-Range Strategic Plan approved by the City Council in May 2011.

The physical collections at the four libraries and the downloadable book collection continue to be popular with citizens.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 1,438,038
2015 Certificates of Oblig.	800,000
TOTAL FUNDED	$ 2,238,038
UNFUNDED	$ 5,250,000
PROJECT TOTAL	$ 7,488,038

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions 0

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.								
Other	1,111	1,127	1,050	1,050	1,050	1,050	1,050	7,488
TOTAL COSTS	1,111	1,127	1,050	1,050	1,050	1,050	1,050	7,488

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,438	800						2,238
Other								
Unfunded			1,050	1,050	1,050	1,050	1,050	5,250
TOTAL SOURCES	1,438	800	1,050	1,050	1,050	1,050	1,050	7,488

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: L02	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2, 4, 6, 7

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
LIBRARY	FACILITIES UPGRADES	19581	641-2599-1958104 692-2599-1958104

PROJECT DESCRIPTION

Renovation/Furniture/Fixture upgrades to all existing Library buildings. Additional funding provided in 2015 includes $40,000 to install security gates at the Central Library North exit to secure library materials and $345,000 to replace the carpet at the Central Library. The carpet replacement includes estimates for lifting and moving the fully-loaded book shelves.

FUNDING SOURCE(S)

2004 Bond Fund	$ 2,000,000
Current Funds	45,393
Certificates of Oblig. Issued	925,000
2015 Certificates of Oblig.	40,000
TOTAL FUNDED	$ 3,010,393
UNFUNDED	$
PROJECT TOTAL	$ 3,010,393

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):	
Personnel	
Operations	1,000
Capital	
Total	$1,000

IMPACT EXPLANATION

Maintenance costs for four outdoor electronic signs/software.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	204							204
Land/Right-of-Way								
Construction	1,499	64						1,563
Landscaping								
Equip. & Furnish.	398	745						1,143
Other (Project Manager)	62	38						100
TOTAL COSTS	2,163	847						3,010

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	45							45
GO's/Com Paper Issued	2,000							2,000
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	925	40						965
Other								
Unfunded								
TOTAL SOURCES	2,970	40						3,010

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: L03

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: LIBRARY

PROJECT TITLE: CENTRAL LIBRARY PARKING LOT LIGHTING

PROJECT NO(S).: 19584

ACCOUNT NO(S).: 692-4749-19584XX

PROJECT DESCRIPTION

Replacement and addition of lighting in Central Library parking lot and along north side of Austin Street from Sixth Street to Glenbrook. The lighting changes are being made based on the photometrics done for Downtown and will increase the coverage in the parking lot and along the front of the Library.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	350,000
TOTAL FUNDED	$	350,000
UNFUNDED	$	
PROJECT TOTAL	$	350,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	28	19						47
Land/Right-of-Way								
Construction		289						289
Landscaping								
Equip. & Furnish.								
Other (Project Manager)	1	13						14
TOTAL COSTS	29	321						350

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	350							350
Other								
Unfunded								
TOTAL SOURCES	350							350

PROJECT SCHEDULE	START	FINISH
Design	3/2012	6/2015
Land/Right-of-Way		
Construction	1/2015	6/2015
Finish Out		
Other	3/2012	6/2015
TOTAL SCHEDULE	3/2012	6/2015

PAGE NO: **L04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: LIBRARY

PROJECT TITLE: CENTRAL LIBRARY FIRE UPGRADES

PROJECT NO(S).: 19585

ACCOUNT NO(S).: 692-4749-19585XX

PROJECT DESCRIPTION

Fire upgrades to the Central Library to bring the building to current fire codes. Upgrade of three stairwells to a one-hour fire-rated assembly. Design and installation of fire sprinklers on the main floor of the Library including repair of ceiling and renovations in the administration department.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	322,919
2015 Certificates of Oblig.		231,000
TOTAL FUNDED	$	553,919
UNFUNDED	$	
PROJECT TOTAL	$	553,919

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	30	7						37
Land/Right-of-Way								
Construction		501						501
Landscaping								
Equip. & Furnish.								
Other (Project Manager)	8	8						16
TOTAL COSTS	38	516						554

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	323	231						554
Other								
Unfunded								
TOTAL SOURCES	323	231						554

PROJECT SCHEDULE	START	FINISH
Design	1/2013	6/2015
Land/Right-of-Way		
Construction	1/2015	12/2015
Finish Out		
Other	1/2013	12/2015
TOTAL SCHEDULE	1/2013	12/2015

PAGE NO: L05	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2, 4, 6, 7

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
LIBRARY	RFID SERVICE DELIVERY	19587	692-2599-1958700

PROJECT DESCRIPTION

This project provides for procurement services and architectural design to begin implementation of planned RFID materials asset management to replace existing barcode technology. RFID tagging of new books began in 2008. The remainder of the collection will be tagged by the first quarter of 2015. The project was the focus of the Library Long-Range Plan approved by City Council in 2011, with an RFID consulting plan and an architectural study also completed in 2013. The Library has worked with both the IT Department and Facilities Management Department on the project. The project provides inventory control and asset management and security with automated check-in and materials sorting, with minor modifications to facilities. Equipment purchase and associated construction costs will be phased through 2017. IT involvement will primarily be data line installation and IP addresses for equipment.

FUNDING SOURCE(S)

Other	$	835,000
TOTAL FUNDED	$	835,000
UNFUNDED	$	991,000
PROJECT TOTAL	$	1,826,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Note fund sources:
Library Technology Fund
IT Replacement Fund
Installed project will require equipment maintenance. Cost to be determined upon selection of RFID vendor.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction			93	150				243
Landscaping								
Equip. & Furnish.			513	753				1,266
Other (Consulting/Mgmt)	217	75	10	15				317
TOTAL COSTS	217	75	616	918				1,826

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Lib. Tech. Fund)	217	75	468	75				835
Unfunded			148	843				991
TOTAL SOURCES	217	75	616	918				1,826

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	10/2016	12/2017
Finish Out		
Other	1/2013	12/2017
TOTAL SCHEDULE	1/2013	12/2017

PUBLIC SAFETY DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Fire										
12032	Fire Station No. 5	PS01	GOB91/04/CO/CF/UNF	$256	$4,633	$325	$0	$0	$0	$0	$5,214
12099	Remodel Fire Station No. 7	PS02	GOB04/UNF	0	0	0	0	0	0	2,850	2,850
12101	Relocate Fire Station No. 1	PS03	GOB04/UNF	0	0	0	0	0	0	10,951	10,951
12107	Ambulance Remounts	PS04	CO/CF/UNF	401	524	343	355	367	380	393	2,763
12058	Replace Fire Apparatus	PS05	CO/CF/UNF	2,650	1,586	0	1,375	0	1,975	0	7,586
12108	Emergency Response Safety Equip./Svc.	PS06	CO/CF/UNF	400	272	217	198	0	0	0	1,087
	Management Information Services										
23047	Radio System Replacement	PS07	CO/CF/INT/UNF	525	8,670	4,670	0	0	0	0	13,865
	Total			$4,232	$15,685	$5,555	$1,928	$367	$2,355	$14,194	$44,316
	Total Existing CO's/Current Funds/Tax/Interest			$4,023	$6,206	$0	$0	$0	$0	$0	$10,229
	2015 Certificates of Obligation			0	8,703	0	0	0	0	0	8,703
	Unfunded			0	0	5,555	1,928	367	2,355	13,169	23,374
	Total 1991 Bond Program			209	351	0	0	0	0	0	560
	Total 2004 Bond Program			0	425	0	0	0	0	1,025	1,450
	Total			$4,232	$15,685	$5,555	$1,928	$367	$2,355	$14,194	$44,316

PUBLIC SAFETY DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
UNAPPROVED PROJECTS

PROJ. NO.	Project Description	Page	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Fire									
12098	Relocate Fire Station No. 6	PS08	$0	$0	$0	$0	$0	$0	$8,543	$8,543
	Total		$0	$0	$0	$0	$0	$0	$8,543	$8,543

PUBLIC SAFETY DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Fire									
12032	Fire Station No. 5	PS01	Appr.	$1,543	$325	$0	$0	$0	$0	$1,868
12099	Remodel Fire Station No. 7	PS02	Appr.	0	0	0	0	0	2,850	2,850
12101	Relocate Fire Station No. 1	PS03	Appr.	0	0	0	0	0	10,951	10,951
12107	Ambulance Remounts	PS04	Appr.	0	343	355	367	380	393	1,838
12058	Replace Fire Apparatus	PS05	Appr.	0	0	1,375	0	1,975	0	3,350
12108	Emergency Response Safety Equip./Svc.	PS06	Appr.	235	217	198	0	0	0	650
12098	Relocate Fire Station No. 6	PS08	Unappr.	0	0	0	0	0	8,543	8,543
	Management Information Services									
23047	Radio System Replacement	PS07	Appr.	6,925	4,670	0	0	0	0	11,595
	Total			8,703	5,555	$1,928	$367	$2,355	$22,737	$41,645
	Total Approved			$8,703	$5,555	$1,928	$367	$2,355	$14,194	$33,102
	Total Unapproved			0	0	0	0	0	8,543	8,543
	Total			$8,703	$5,555	$1,928	$367	$2,355	$22,737	$41,645

PAGE NO: PS01	*Continuing Project*	*Amounts in 000's $	COUNCIL DISTRICT(S)
	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST		3

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
FIRE	FIRE STATION NO. 5	12032 12032	633-1399-1203200 692-4749-12032XX

PROJECT DESCRIPTION

The original scope of this project was to remodel Fire Station No. 5 at 5626 Lyons Road. The building is 37 years old and the assessment of the work required to bring the building up to workable standards exceeded the funds available. Replacement of Fire Station No. 5 will not only correct problems with the structure and improve conditions but will also provide a new station with a greatly extended building life.

FUNDING SOURCE(S)

1991 Bond Fund	$ 560,000
2004 Bond Fund	425,000
Certificates of Oblig. Issued	1,022,371
Current Funds	1,339,101
2015 Certificates of Oblig.	1,543,000
TOTAL FUNDED	$ 4,889,472
UNFUNDED	$ 325,000
PROJECT TOTAL	$ 5,214,472

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Current building is non-sustainable in regard to maintenance. Operational impacts should be minimal due to inefficiencies of current mechanical systems. More cost-efficient and sustainable designs will be sought in new station.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	236	143	20					399
Land/Right-of-Way								
Construction		3,721	300					4,021
Landscaping								
Equip. & Furnish.		230						230
Other	20	539	5					564
TOTAL COSTS	256	4,633	325					5,214

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		1,339						1,339
GO's/Com Paper Issued	985							985
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,022	1,543						2,565
Other								
Unfunded			325					325
TOTAL SOURCES	2,007	2,882	325					5,214

PROJECT SCHEDULE	START	FINISH
Design	1/2006	3/2016
Land/Right-of-Way		
Construction	8/2012	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	1/2006	12/2016

PAGE NO: **PS02**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 1

DEPARTMENT FIRE

PROJECT TITLE REMODEL FIRE STATION NO. 7

PROJECT NO(S). 12099

ACCOUNT NO(S). 642-1399-1209904

PROJECT DESCRIPTION

Remodel Fire Station No. 7 (built in 1985) located at 2545 Naaman School Road.

FUNDING SOURCE(S)

2004 Bond Fund	$	425,000
TOTAL FUNDED	$	425,000
UNFUNDED	$	2,425,000
PROJECT TOTAL	$	2,850,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

Building and mechanical need updating and replacing to prolong building life.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction							2,500	2,500
Landscaping								
Equip. & Furnish.							350	350
Other								
TOTAL COSTS							2,850	2,850

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							425	425
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded							2,425	2,425
TOTAL SOURCES							2,850	2,850

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2021	12/2022

PAGE NO: **PS03**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 2

DEPARTMENT FIRE

PROJECT TITLE RELOCATE FIRE STATION NO. 1

PROJECT NO(S). 12101

ACCOUNT NO(S). 642-1399-1210104

PROJECT DESCRIPTION

Relocate Fire Station No. 1 (built in 1967) currently located at 1019 Austin Street. Standards of coverage will be used to determine the most ideal location.

FUNDING SOURCE(S)

2004 Bond Fund	$ 600,000
TOTAL FUNDED	$ 600,000
UNFUNDED	$ 10,351,000
PROJECT TOTAL	$ 10,951,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

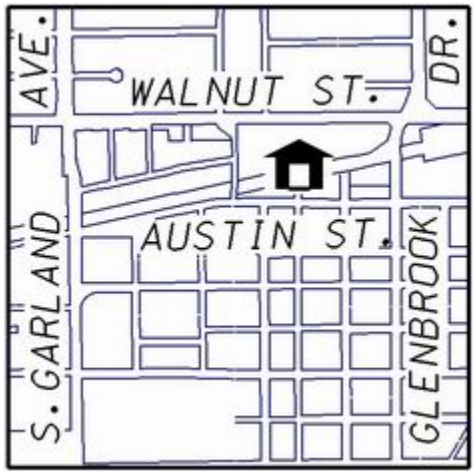
Capital

Total

IMPACT EXPLANATION

Some structural concerns will need to be closely monitored over the coming years of occupancy.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							1,016	1,016
Land/Right-of-Way							1,750	1,750
Construction							6,776	6,776
Landscaping								
Equip. & Furnish.							364	364
Other							1,045	1,045
TOTAL COSTS							10,951	10,951

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued							600	600
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded							10,351	10,351
TOTAL SOURCES							10,951	10,951

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2023	12/2025

PAGE NO: PS04	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) N/A

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
FIRE	AMBULANCE REMOUNTS	12107	692-1399-1210711

PROJECT DESCRIPTION

Remount and refurbish two Frazer Ambulances onto new chassis by Frazer off HGAC contract.

Specific evaluations by Fleet Services and Fire determine units. Essential emergency equipment is included in the 2015 CIP to include a stretcher for each unit and one additional EKG monitor. EKG monitors are not projected to be needed for 2016. Replacement of stretchers and other emergency equipment will continue in each consecutive year.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	594,000
Current Funds		331,000
TOTAL FUNDED	$	925,000
UNFUNDED	$	1,838,000
PROJECT TOTAL	$	2,763,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

CIP continuance for ambulance replacement maintains front-line fleet and reserve fleet. The reserve fleet maintains 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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	401	524	343	355	367	380	393	2,763
Other								
TOTAL COSTS	401	524	343	355	367	380	393	2,763

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		331						331
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	594							594
Other								
Unfunded			343	355	367	380	393	1,838
TOTAL SOURCES	594	331	343	355	367	380	393	2,763

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **PS05**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FIRE

PROJECT TITLE: REPLACE FIRE APPARATUS

PROJECT NO(S).: 12058

ACCOUNT NO(S).: 692-1399-12058XX

PROJECT DESCRIPTION

Provide funds for the regular replacement of front-line and reserve fire apparatus. One aerial apparatus is proposed for 2015.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 2,839,838
Current Funds	1,396,000
TOTAL FUNDED	$ 4,235,838
UNFUNDED	$ 3,350,000
PROJECT TOTAL	$ 7,585,838

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Extensive research was done to determine the greatest cost benefit for the City, and a manufacturer was chosen to maximize benefit. Findings were compiled for review.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	2,650	1,586		1,375		1,975		7,586
Other								
TOTAL COSTS	2,650	1,586		1,375		1,975		7,586

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		1,396						1,396
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	2,840							2,840
Other								
Unfunded				1,375		1,975		3,350
TOTAL SOURCES	2,840	1,396		1,375		1,975		7,586

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **PS06**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FIRE

PROJECT TITLE: EMERGENCY RESPONSE SAFETY EQUIP./SERVICE

PROJECT NO(S).: 12108

ACCOUNT NO(S).: 692-1399-12108XX

PROJECT DESCRIPTION

2015 - Replacement of Stryker Stair Chairs at end of service life (6 units) - $17,300; Firefighter Personal Protective Equipment (PPE) Ensembles (20 Ensembles) - $217,000

2016 - Replacement of Stryker Ambulance Stair Chairs at end of service life (6 units) - $18,000; Holmatro Entrapment Extrication equipment units (7 Engine units) - $62,454; Holmatro Entrapment Extrication equipment units (Truck Cutters - 2 units) - $12,500; Thermal Imaging Cameras (12 units) - $123,500

2017 - Replacement of Stryker Ambulance Stair Chairs at end of service life (4 units) - $12,400; Holmatro Entrapment Extrication equipment units (2 Truck units) - $57,514; Thermal Imaging Cameras (12 units) - $127,800

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	412,000
Current Funds		25,200
2015 Certificates of Oblig.		235,000
TOTAL FUNDED	$	672,200
UNFUNDED	$	415,000
PROJECT TOTAL	$	1,087,200

IMPACT ON OPERATING BUDGET

☑ Will Impact

☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	400	272	217	198				1,087
Other								
TOTAL COSTS	400	272	217	198				1,087

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	25							25
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	412	235						647
Other								
Unfunded			217	198				415
TOTAL SOURCES	437	235	217	198				1,087

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **PS07**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: MGMT INFO SERVICES

PROJECT TITLE: RADIO SYSTEM REPLACEMENT

PROJECT NO(S).: 23047

ACCOUNT NO(S).: 416-4599-23047XX

PROJECT DESCRIPTION

Requesting funding for new P25 standard radio system for Public Safety and other City entities to replace end-of-life cycle existing analog radio system. The P25 standard is recognized by the Federal and State governments as technology of choice for digital two-way radio systems. Implementation of P25 systems is widespread with an improvement in interoperable communications paralleling the deployment of these systems. P25 technology meets FCC-mandated requirements of spectrum efficiency for specified radio frequency bands. The City uses Motorola's Gold Elite console system and relies on a trunked radio system. Motorola no longer manufactures these systems, and continued support of these will terminate prior to 2016. It should be noted that this support is declining as the years progress. At some point prior to 2016, the level of support can be such that the operations and reliability of the trunked radio systems and communications console systems will make dependable public safety mission critical communications questionable.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 620,000
Current Funds	1,000,000
Interest	650,000
2015 Certificates of Oblig.	6,925,000
TOTAL FUNDED	$ 9,195,000
UNFUNDED	$ 4,670,000
PROJECT TOTAL	$ 13,865,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact

# of Positions 5

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The cost of the annual maintenance for the radio system will increase. There will also be a need to add 3 to 5 new positions - dependent on whether we partner with other cities - to support the radio system.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	355	8,500	4,500					13,355
Landscaping								
Equip. & Furnish.								
Other (Project Manager)	170	170	170					510
TOTAL COSTS	525	8,670	4,670					13,865

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		1,000						1,000
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	620	6,925						7,545
Other (Interest)		650						650
Unfunded			4,670					4,670
TOTAL SOURCES	620	8,575	4,670					13,865

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	4/2014	12/2016
Finish Out		
Other	1/2014	12/2016
TOTAL SCHEDULE	1/2014	12/2016

PAGE NO: PS08	*Unfunded Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 7

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
FIRE	RELOCATE FIRE STATION NO. 6	12098	692-1399-1209804

PROJECT DESCRIPTION

Relocate and rebuild Fire Station No. 6. Station No. 6 (built in 1980), located at 2009 Holford Road, was advised to be relocated by third party professional engineer in 2014 to meet standards of coverage. Proximity to the intersection of Shiloh and Campbell would meet standards of coverage criteria. Standards of coverage will be followed to determine the best location to maximize response efficiencies and effectiveness.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$
UNFUNDED	$ 8,543,000
PROJECT TOTAL	$ 8,543,000

IMPACT ON OPERATING BUDGET

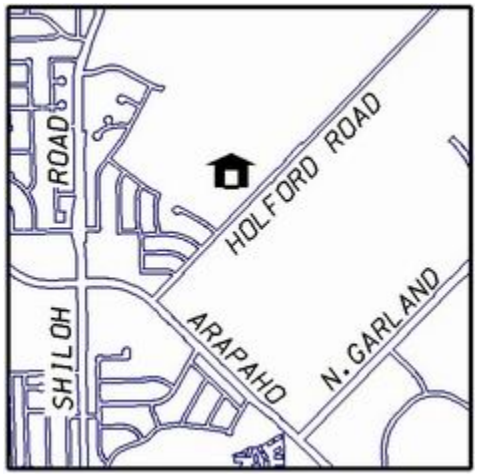
☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Undetermined foundation issues are a concern. The cost of repairs versus future plans will be of consideration as the building ages.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design							730	730
Land/Right-of-Way							1,750	1,750
Construction							4,962	4,962
Landscaping								
Equip. & Furnish.							350	350
Other							751	751
TOTAL COSTS							8,543	8,543

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded							8,543	8,543
TOTAL SOURCES							8,543	8,543

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2022	12/2024

ECONOMIC DEVELOPMENT DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Engineering										
10046	Land/Property Acquisition	ED01	INT	$73	$70	$70	$87	$0	$0	$0	$300
	Planning										
10027	Downtown Streetscape & Redevelop. Design	ED02	CF/CO/Othr/UNF	541	1,220	272	0	0	0	1,673	3,706
10032	Land Acquisition	ED03	GOB04	55	0	0	0	0	0	3,365	3,420
10034	Neighborhood Vitality Grant Program	ED04	GOB04/Other	2,710	779	520	520	521	0	0	5,050
10042	* Downtown Gateways	ED05	GOB04	0	100	700	0	0	0	0	800
10043	Downtown Square Design & Construction	ED06	GOB04/INT/UNF	236	300	877	2,500	0	0	0	3,913
10044	Forest/Jupiter Streetscape	ED07	GOB04	0	0	0	100	0	880	0	980
10049	Commercial Corridor Revitalization	ED08	GOB04	110	0	0	0	0	0	2,890	3,000
10127	Walnut Street Pedestrian Corridor	ED09	CF/CO/Other/INT	342	1,116	0	0	0	0	0	1,458
10136	City Center Development	ED10	CF/CO/Other	10,801	6,528	407	0	0	0	0	17,736
	Total			$14,868	$10,113	$2,846	$3,207	$521	$880	$7,928	$40,363
	Total Existing CO's/CF/Other			$11,820	$8,934	$749	$87	$0	$0	$0	$21,590
	2015 Certificate of Obligation			0	0	0	0	0	0	0	0
	Total 2004 Bond Program			3,048	1,179	2,097	620	521	880	6,255	14,600
	Unfunded			0	0	0	2,500	0	0	1,673	4,173
	Total			$14,868	$10,113	$2,846	$3,207	$521	$880	$7,928	$40,363

*Project funded for the first time

ECONOMIC DEVELOPMENT DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Planning									
10027	Downtown Streetscape & Redevelop. Design	ED02	Appr.	$0	$0	$0	$0	$0	$1,673	$1,673
10032	Land Acquisition	ED03	Appr.	0	0	0	0	0	3,365	3,365
10034	Neighborhood Vitality Grant Program	ED04	Appr.	500	520	520	521	0	0	2,061
10042	* Downtown Gateways	ED05	Appr.	100	700	0	0	0	0	800
10043	Downtown Square Design & Construction	ED06	Appr.	300	877	2,500	0	0	0	3,677
10044	Forest/Jupiter Streetscape	ED07	Appr.	0	0	100	0	880	0	980
10049	Commercial Corridor Revitalization	ED08	Appr.	0	0	0	0	0	2,890	2,890
	Total			$900	$2,097	$3,120	$521	$880	$7,928	$15,446
	Total Approved			$900	$2,097	$3,120	$521	$880	$7,928	$15,446
	Total Unapproved			0	0	0	0	0	0	0
	Total			$900	$2,097	$3,120	$521	$880	$7,928	$15,446

*Project funded for the first time

PAGE NO: ED01	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ENGINEERING	LAND/PROPERTY ACQUISITION	10046	692-1409-10046XX

PROJECT DESCRIPTION

This program is intended to provide a means for the City to purchase land or property for redevelopment.

FUNDING SOURCE(S)

Interest	$	300,000
TOTAL FUNDED	$	300,000
UNFUNDED	$	
PROJECT TOTAL	$	300,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way	73	70	70	87				300
Construction								
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	73	70	70	87				300

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)	163		70	67				300
Unfunded								
TOTAL SOURCES	163		70	67				300

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ED02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: PLANNING

PROJECT TITLE: DOWNTOWN STREETSCAPE & REDEVEL. DESIGN

PROJECT NO(S).: 10027

ACCOUNT NO(S).: 692-1509-10027XX

PROJECT DESCRIPTION

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).

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 1,585,000
Current Funds	127,900
Developer Participation	65,000
Cash Transfer - Hotel/Motel	255,000
TOTAL FUNDED	$ 2,032,900
UNFUNDED	$ 1,673,000
PROJECT TOTAL	$ 3,705,900

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	337	8	1					346
Land/Right-of-Way								
Construction	202	1,201	234				1,673	3,310
Landscaping								
Equip. & Furnish.								
Other	2	11	37					50
TOTAL COSTS	541	1,220	272				1,673	3,706

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	128	255						383
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,585							1,585
Other (Developer Part.)			65					65
Unfunded							1,673	1,673
TOTAL SOURCES	1,713	255	65				1,673	3,706

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ED03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: PLANNING

PROJECT TITLE: LAND ACQUISITION

PROJECT NO(S).: 10032

ACCOUNT NO(S).: 644-1509-1003204

PROJECT DESCRIPTION

This project will provide funding for acquisition of properties deemed essential to implementation of economic development projects, including transit-oriented development in the vicinity of the DART Rail Station.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,420,000
TOTAL FUNDED	$ 3,420,000
UNFUNDED	$
PROJECT TOTAL	$ 3,420,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way	55						3,365	3,420
Construction								
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	55						3,365	3,420

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	55							55
GO's Unissued							3,365	3,365
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	55						3,365	3,420

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **ED04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: PLANNING

PROJECT TITLE: NEIGHBORHOOD VITALITY GRANT PROGRAM

PROJECT NO(S).: 10034

ACCOUNT NO(S).: 643-1509-1003404

PROJECT DESCRIPTION

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. This program is a key component of the Strategy for Vital Neighborhoods toolbox.

FUNDING SOURCE(S)

2004 Bond Fund	$ 5,000,000
Contributions	50,459
TOTAL FUNDED	$ 5,050,459
UNFUNDED	$
PROJECT TOTAL	$ 5,050,459

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	2,710	779	520	520	521			5,050
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,710	779	520	520	521			5,050

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	2,939							2,939
GO's Unissued		500	520	520	521			2,061
RB's/Com Paper								
Certificates of Obligation								
Other (Contributions)	50							50
Unfunded								
TOTAL SOURCES	2,989	500	520	520	521			5,050

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2005	12/2018

PAGE NO: **ED05**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2, 8

DEPARTMENT: PLANNING

PROJECT TITLE: DOWNTOWN GATEWAYS

PROJECT NO(S).: 10042

ACCOUNT NO(S).: 643-1509-1004204

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 Way-Finding Program. Gateways aid in way-finding 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.

FUNDING SOURCE(S)

2004 Bond Fund	$	800,000
TOTAL FUNDED	$	800,000
UNFUNDED	$	
PROJECT TOTAL	$	800,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		100						100
Land/Right-of-Way								
Construction			700					700
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		100	700					800

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued		100	700					800
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES		100	700					800

PROJECT SCHEDULE	START	FINISH
Design	6/2015	12/2015
Land/Right-of-Way		
Construction	6/2016	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	6/2015	12/2016

PAGE NO: **ED06**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: PLANNING

PROJECT TITLE: DOWNTOWN SQUARE DESIGN & CONSTRUCTION

PROJECT NO(S).: 10043

ACCOUNT NO(S).: 643-1509-1004304

PROJECT DESCRIPTION

This project will redesign the Downtown Square to create a larger, more functional, and inviting public space. The project will include evaluation of design concepts such as replacement of the large reflecting pool with a central fountain, raising the grade of the Plaza to street level, and creating a more flexible and functional space for large gatherings as well as individual activity. This project is a component of the Downtown Redevelopment Plan and will be implemented in conjunction with the Downtown Streetscape and Transit-Oriented Connectivity projects and with public/private redevelopment efforts.

FUNDING SOURCE(S)

2004 Bond Fund	$ 1,400,000
Interest	13,000
TOTAL FUNDED	$ 1,413,000
UNFUNDED	$ 2,500,000
PROJECT TOTAL	$ 3,913,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The impact on the Operating Budget cannot be determined until a design is finalized.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	236	300						536
Land/Right-of-Way								
Construction			877	2,500				3,377
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	236	300	877	2,500				3,913

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	223							223
GO's Unissued		300	877					1,177
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)	13							13
Unfunded				2,500				2,500
TOTAL SOURCES	236	300	877	2,500				3,913

PROJECT SCHEDULE	START	FINISH
Design	10/2010	3/2015
Land/Right-of-Way		
Construction	1/2016	12/2017
Finish Out		
Other		
TOTAL SCHEDULE	10/2010	12/2017

PAGE NO: **ED07**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 6

DEPARTMENT: PLANNING

PROJECT TITLE: FOREST/JUPITER STREETSCAPE

PROJECT NO(S).: 10044

ACCOUNT NO(S).: 643-1509-1004404

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

FUNDING SOURCE(S)

2004 Bond Fund	$	980,000
TOTAL FUNDED	$	980,000
UNFUNDED	$	
PROJECT TOTAL	$	980,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design				100				100
Land/Right-of-Way								
Construction						880		880
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS				100		880		980

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued				100		880		980
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES				100		880		980

PROJECT SCHEDULE	START	FINISH
Design	3/2017	9/2017
Land/Right-of-Way		
Construction	1/2019	12/2019
Finish Out		
Other		
TOTAL SCHEDULE	3/2017	12/2019

PAGE NO: **ED08**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: PLANNING

PROJECT TITLE: COMMERCIAL CORRIDOR REVITALIZATION

PROJECT NO(S).: 10049

ACCOUNT NO(S).: 643-1509-1004904

PROJECT DESCRIPTION

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. Design costs are scheduled for future years to initiate improvement of three additional corridors.

FUNDING SOURCE(S)

2004 Bond Fund	$ 3,000,000
TOTAL FUNDED	$ 3,000,000
UNFUNDED	$
PROJECT TOTAL	$ 3,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	110						440	550
Land/Right-of-Way								
Construction							2,450	2,450
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	110						2,890	3,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued	110							110
GO's Unissued							2,890	2,890
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	110						2,890	3,000

PROJECT SCHEDULE	START	FINISH
Design	6/2007	6/2020
Land/Right-of-Way		
Construction	6/2020	12/2022
Finish Out		
Other		
TOTAL SCHEDULE	6/2007	12/2022

PAGE NO:				COUNCIL DISTRICT(S)
ED09	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PLANNING	WALNUT STREET PEDESTRIAN CORRIDOR	10127	692-1509-10127XX

PROJECT DESCRIPTION

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 and Glenbrook Streets. 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.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	35,000
Other		100,000
Eastgate Residual		104,000
Current Funds		1,219,000
TOTAL FUNDED	$	1,458,000
UNFUNDED	$	
PROJECT TOTAL	$	1,458,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

Operating expenses will be incurred for landscape and irrigation maintenance, litter collection, and plant material replacement. Amount of expenses is undetermined, as it is dependent on the specific design and materials.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	140	5						145
Land/Right-of-Way								
Construction	200	1,008						1,208
Landscaping								
Equip. & Furnish.								
Other	2	103						105
TOTAL COSTS	342	1,116						1,458

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	826							826
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	35							35
Other (TreeMit/Eastgt/Int)	597							597
Unfunded								
TOTAL SOURCES	1,458							1,458

PROJECT SCHEDULE	START	FINISH
Design	3/2011	1/2014
Land/Right-of-Way		
Construction	9/2013	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2011	12/2015

PAGE NO:				COUNCIL DISTRICT(S)
ED10	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
PLANNING	CITY CENTER DEVELOPMENT	10136	692-1509-1013612

PROJECT DESCRIPTION

This project will provide funding to help implement the next phase of mixed-use development in Downtown, improvements to existing public facilities, as well as the development of additional open space in Downtown. Specific project elements include construction of a multi-level parking garage serving the public, staff, and residential tenants; re-skinning of the City Hall façade; site preparation for residential development including relocating the structures residing at Heritage Park; continuation of streetscape improvements along Austin and State Streets; as well as creating a public open space adjacent to the Granville Arts Center. The overall project will be accomplished in partnership with a private developer.

FUNDING SOURCE(S)

Current Funds	$ 12,636,588
2013 TIF CO	3,000,000
Certificates of Oblig. Issued	1,773,000
Developer Participation	326,000
TOTAL FUNDED	$ 17,735,588
UNFUNDED	$
PROJECT TOTAL	$ 17,735,588

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	1,115	91	30					1,236
Land/Right-of-Way								
Construction	9,454	5,793	353					15,600
Landscaping								
Equip. & Furnish.	74	161	12					247
Other	158	483	12					653
TOTAL COSTS	10,801	6,528	407					17,736

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	12,450	187						12,637
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	4,773							4,773
Other (Developer Part.)		326						326
Unfunded								
TOTAL SOURCES	17,223	513						17,736

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	6/2012	6/2016

MUNICIPAL FACILITIES AND MISCELLANEOUS
TAX SUPPORTED DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Facilities Management										
16037	HVAC Replacement/Upgrade	MF01	CO/Tax Note/UNF	$905	$680	$200	$200	$200	$200	$0	$2,385
16038	Roof Replacement	MF02	CF/CO/UNF	347	616	314	300	300	300	0	2,177
16039	Facilities Upgrade	MF03	CF/CO/UNF	315	1,171	300	300	300	300	0	2,686
16057	Fire Alarm, Fire Safety and Security Systems	MF04	CF/CO/INT/UNF	53	316	150	150	150	150	0	969
16062	Parking Lot Upgrades	MF05	CO/UNF	142	702	200	200	200	200	0	1,644
16063	City Hall HVAC System Replacement	MF06	CO/Other	2,076	258	0	0	0	0	0	2,334
16066	Carver 3 Renovation	MF07	CO	195	1,030	0	0	0	0	0	1,225
16104	City Hall Code/Safety Updates	MF08	CO	706	1,304	0	0	0	0	0	2,010
	Firewheel										
36529	Firewheel Golf Park Equipment	MF09	CO/UNF	32	210	0	0	0	150	0	392
36530	Firewheel Golf Park Improvements	MF10	CF/CO/INT/UNF	806	320	250	250	150	150	0	1,926
36531	Firewheel Golf Park Cart Replacements	MF11	CO/UNF	300	0	370	0	350	0	0	1,020
	Public and Media Relations										
16084	CGTV - Upgrades	MF12	Other	252	2,105	83	0	0	0	0	2,440
	Street										
39811	Infrastructure Equipment	MF13	CO/UNF	848	360	500	500	500	500	0	3,208
39818	* Cover for Sanding Material	MF14	CO	0	140	0	0	0	0	0	140
	Total			$6,977	$9,212	$2,367	$1,900	$2,150	$1,950	$0	$24,556
	Total Existing CO's/Current Funds/Interest/Other			$6,977	$6,244	$83	$0	$0	$0	$0	$13,304
	2015 Certificates of Obligation			0	2,968	0	0	0	0	0	2,968
	Short-Term Tax Note			0	0	0	0	0	0	0	0
	Unfunded			0	0	2,284	1,900	2,150	1,950	0	8,284
	Total			$6,977	$9,212	$2,367	$1,900	$2,150	$1,950	$0	$24,556

*Project funded for the first time

MUNICIPAL FACILITIES AND MISCELLANEOUS
TAX SUPPORTED DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Facilities Management									
16037	HVAC Replacement/Upgrade	MF01	Appr.	$375	$200	$200	$200	$200	$0	$1,175
16038	Roof Replacement	MF02	Appr.	150	314	300	300	300	0	1,364
16039	Facilities Upgrade	MF03	Appr.	0	300	300	300	300	0	1,200
16057	Fire Alarm, Fire Safety and Security Systems	MF04	Appr.	190	150	150	150	150	0	790
16062	Parking Lot Upgrades	MF05	Appr.	300	200	200	200	200	0	1,100
16066	Carver 3 Renovation	MF07	Appr.	1,025	0	0	0	0	0	1,025
	Firewheel									
36529	Firewheel Golf Park Equipment	MF09	Appr.	210	0	0	0	150	0	360
36530	Firewheel Golf Park Improvements	MF10	Appr.	250	250	250	150	150	0	1,050
36531	Firewheel Golf Park Cart Replacements	MF11	Appr.	0	370	0	350	0	0	720
	Street									
39811	Infrastructure Equipment	MF13	Appr.	328	500	500	500	500	0	2,328
39818	* Cover for Sanding Material	MF14	Appr.	140	0	0	0	0	0	140
	Total			$2,968	$2,284	$1,900	$2,150	$1,950	$0	$11,252
	Total Approved			$2,968	$2,284	$1,900	$2,150	$1,950	$0	$11,252
	Total Unapproved			0	0	0	0	0	0	0
	Total			$2,968	$2,284	$1,900	$2,150	$1,950	$0	$11,252

*Projects funded for the first time

PAGE NO: **MF01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: HVAC REPLACEMENT/UPGRADE

PROJECT NO(S).: 16037

ACCOUNT NO(S).: 692-4749-16037XX

PROJECT DESCRIPTION

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 on City facilities.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	1,010,478
Tax Note		200,000
2015 Certificates of Oblig.		375,000
TOTAL FUNDED	$	1,585,478
UNFUNDED	$	800,000
PROJECT TOTAL	$	2,385,478

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

Replacing units having met or exceeded expected useful life 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.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	905	680	200	200	200	200		2,385
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	905	680	200	200	200	200		2,385

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,010	375						1,385
Other (Tax Note)	200							200
Unfunded			200	200	200	200		800
TOTAL SOURCES	1,210	375	200	200	200	200		2,385

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: ROOF REPLACEMENT

PROJECT NO(S).: 16038

ACCOUNT NO(S).: 692-4749-16038XX

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	612,757
Current Funds		200,000
2015 Certificates of Oblig.		150,000
TOTAL FUNDED	$	962,757
UNFUNDED	$	1,214,000
PROJECT TOTAL	$	2,176,757

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Positive impact on the Operating Budget by reducing probability of damage to facilities, equipment, materials, work products, and records that would accompany stormwater invasion.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	347	616	314	300	300	300		2,177
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	347	616	314	300	300	300		2,177

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	200							200
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	613	150						763
Other								
Unfunded			314	300	300	300		1,214
TOTAL SOURCES	813	150	314	300	300	300		2,177

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: FACILITIES UPGRADE

PROJECT NO(S).: 16039

ACCOUNT NO(S).: 692-4749-1603900

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 1,172,091
Current Funds	313,886
TOTAL FUNDED	$ 1,485,977
UNFUNDED	$ 1,200,000
PROJECT TOTAL	$ 2,685,977

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Positive impact on the Operating Budget will result from reduced unplanned maintenance and repair work.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	315	1,171	300	300	300	300		2,686
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	315	1,171	300	300	300	300		2,686

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	314							314
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	1,172							1,172
Other								
Unfunded			300	300	300	300		1,200
TOTAL SOURCES	1,486		300	300	300	300		2,686

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: FIRE ALARM, SAFETY AND SECURITY SYSTEMS

PROJECT NO(S).: 16057

ACCOUNT NO(S).: 692-4749-1605700

PROJECT DESCRIPTION

Provides funding for a Citywide needs assessment immediately followed by priority planning, 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.

FUNDING SOURCE(S)

Current Funds	$	46,173
Interest		50,000
Certificates of Oblig. Issued		83,000
2015 Certificates of Oblig.		190,000
TOTAL FUNDED	$	369,173
UNFUNDED	$	600,000
PROJECT TOTAL	$	969,173

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The Operating Budget will increase in response to added need to fund annual inspection, monitoring, and maintenance programs.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	53	316	150	150	150	150		969
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	53	316	150	150	150	150		969

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	46							46
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	83	190						273
Other (Interest)	50							50
Unfunded			150	150	150	150		600
TOTAL SOURCES	179	190	150	150	150	150		969

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF05**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: PARKING LOT UPGRADES

PROJECT NO(S).: 16062

ACCOUNT NO(S).: 692-4749-16062XX

PROJECT DESCRIPTION

Continuation of an annual program to restore and maintain all City facilities parking lots in conditions necessary to support the needs of City employees and citizen-customers.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	543,814
2015 Certificates of Oblig.		300,000
TOTAL FUNDED	$	843,814
UNFUNDED	$	800,000
PROJECT TOTAL	$	1,643,814

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	142	702	200	200	200	200		1,644
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	142	702	200	200	200	200		1,644

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	544	300						844
Other								
Unfunded			200	200	200	200		800
TOTAL SOURCES	544	300	200	200	200	200		1,644

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF06**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: CITY HALL HVAC SYSTEM REPLACEMENT

PROJECT NO(S).: 16063

ACCOUNT NO(S).: 692-4749-1606311

PROJECT DESCRIPTION

Replacement of 40-year-old HVAC equipment at City Hall. Installation of two 80-ton chillers and replacement of five air handlers and related VAV boxes along with associated electrical and plumbing.

ARRA - American Recovery & Reinvestment Act of 2009 Grant was awarded on 8/4/09.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	700,000
American Rec. & Reinv.		1,633,990
TOTAL FUNDED	$	2,333,990
UNFUNDED	$	
PROJECT TOTAL	$	2,333,990

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Operating expenses will be favorably impacted due to reduced maintenance costs of repairing an older unit. No savings amount has been determined.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	287							287
Land/Right-of-Way								
Construction	1,734	256						1,990
Landscaping								
Equip. & Furnish.								
Other (Project Manager)	55	2						57
TOTAL COSTS	2,076	258						2,334

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	700							700
Other (ARRA)	1,634							1,634
Unfunded								
TOTAL SOURCES	2,334							2,334

PROJECT SCHEDULE	START	FINISH
Design	6/2010	9/2014
Land/Right-of-Way		
Construction	2/2011	9/2015
Finish Out		
Other	6/2010	9/2015
TOTAL SCHEDULE	6/2010	9/2015

PAGE NO: **MF07**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: CARVER 3 RENOVATION

PROJECT NO(S).: 16066

ACCOUNT NO(S).: 692-4749-1606613

PROJECT DESCRIPTION

There are some major structural issues with the foundation of the building that have been identified as part of a building assessment study. In addition, the facility is in need of extensive interior painting and repair as well as exterior painting of all three Carver buildings and landscaping around the entire complex.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 200,000
2015 Certificates of Oblig.	1,025,000
TOTAL FUNDED	$ 1,225,000
UNFUNDED	$
PROJECT TOTAL	$ 1,225,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	22							22
Land/Right-of-Way								
Construction	173	1,030						1,203
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	195	1,030						1,225

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	200	1,025						1,225
Other								
Unfunded								
TOTAL SOURCES	200	1,025						1,225

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	12/2013	12/2015

PAGE NO: **MF08**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FACILITIES MANAGEMENT

PROJECT TITLE: CITY HALL CODE/SAFETY UPDATES

PROJECT NO(S).: 16104

ACCOUNT NO(S).: 692-4749-1610400

PROJECT DESCRIPTION

This project will provide funding to make fire/life/safety updates to the interior of City Hall in accordance with the Building Code and Texas Accessibility Standards (TAS). Updates will include the provision of accessible restrooms throughout the facility, a publicly-accessible elevator, as well as installation of a fire suppression/sprinkler system.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 2,010,000
TOTAL FUNDED	$ 2,010,000
UNFUNDED	$
PROJECT TOTAL	$ 2,010,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	119	8						127
Land/Right-of-Way								
Construction	547	995						1,542
Landscaping								
Equip. & Furnish.	15	15						30
Other	25	286						311
TOTAL COSTS	706	1,304						2,010

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	2,010							2,010
Other								
Unfunded								
TOTAL SOURCES	2,010							2,010

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2013	10/2015

PAGE NO: **MF09**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FIREWHEEL GOLF PARK

PROJECT TITLE: FIREWHEEL GOLF PARK EQUIPMENT

PROJECT NO(S).: 36529

ACCOUNT NO(S).: 256-4419-3652911

PROJECT DESCRIPTION

Provide funds for the regular replacement of equipment and the purchase of new equipment required to maintain the Golf Course. In 2015, the replacement of a rough mower ($35,000), greens mower ($35,000), and four tee mowers ($35,000 each) are requested. This equipment is past its useful life and requiring significant maintenance to keep operational.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	32,278
2015 Certificates of Oblig.		210,000
TOTAL FUNDED	$	242,278
UNFUNDED	$	150,000
PROJECT TOTAL	$	392,278

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	32	210				150		392
Other								
TOTAL COSTS	32	210				150		392

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	32	210						242
Other								
Unfunded						150		150
TOTAL SOURCES	32	210				150		392

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF10**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FIREWHEEL GOLF PARK

PROJECT TITLE: FIREWHEEL GOLF PARK IMPROVEMENTS

PROJECT NO(S).: 36530

ACCOUNT NO(S).: 256-4419-3653011

PROJECT DESCRIPTION

This project provides funding for Golf Park improvements. In 2015, the request includes funding for bunker renovations at the Old Course.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	653,991
Current Funds		122,246
Interest		100,000
2015 Certificates of Oblig.		250,000
TOTAL FUNDED	$	1,126,237
UNFUNDED	$	800,000
PROJECT TOTAL	$	1,926,237

IMPACT ON OPERATING BUDGET

☑ Will Impact

☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

Enhanced playing conditions will positively impact ability to generate revenue and allow for modifications that will reduce maintenance requirements.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	806	320	250	250	150	150		1,926
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	806	320	250	250	150	150		1,926

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	122							122
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	654	250						904
Other (Interest)	100							100
Unfunded			250	250	150	150		800
TOTAL SOURCES	876	250	250	250	150	150		1,926

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	2/2011	12/2019
Finish Out		
Other		
TOTAL SCHEDULE	2/2011	12/2019

PAGE NO: **MF11**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FIREWHEEL GOLF PARK

PROJECT TITLE: FIREWHEEL GOLF PARK CART REPLACEMENTS

PROJECT NO(S).: 36531

ACCOUNT NO(S).: 256-4419-3653111

PROJECT DESCRIPTION

Provide funds for the regular replacement of the golf carts for both Firewheel facilities.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	300,000
TOTAL FUNDED	$	300,000
UNFUNDED	$	720,000
PROJECT TOTAL	$	1,020,000

IMPACT ON OPERATING BUDGET

☑ Will Impact

☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

New carts are projected to reduce maintenance costs and enhance the golfing experience.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	300		370		350			1,020
Other								
TOTAL COSTS	300		370		350			1,020

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	300							300
Other								
Unfunded			370		350			720
TOTAL SOURCES	300		370		350			1,020

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF12**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: PUBLIC & MEDIA RELATIONS

PROJECT TITLE: CGTV - UPGRADES

PROJECT NO(S).: 16084

ACCOUNT NO(S).: 103-1178-16084XX

PROJECT DESCRIPTION

This project will utilize funding collected through the Public Educational Governmental (PEG) access fees to improve the operations of CGTV. In 2015, funding will be provided to continue the construction of the sound stage area as well as the renovation of existing office space. In addition, funding of $485,000 is requested to replace all audiovisual presentation systems in the Council Chambers and the Work Session Room.

FUNDING SOURCE(S)

PEG Fee	$ 2,440,000
TOTAL FUNDED	$ 2,440,000
UNFUNDED	$
PROJECT TOTAL	$ 2,440,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	84	21						105
Land/Right-of-Way								
Construction	155	1,313	77					1,545
Landscaping								
Equip. & Furnish.	7	548	4					559
Other	6	223	2					231
TOTAL COSTS	252	2,105	83					2,440

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (PEG Fee)	1,420	937	83					2,440
Unfunded								
TOTAL SOURCES	1,420	937	83					2,440

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF13**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT STREET

PROJECT TITLE INFRASTRUCTURE EQUIPMENT

PROJECT NO(S). 39811

ACCOUNT NO(S). 692-4699-3981100

PROJECT DESCRIPTION

Provides funds for the regular replacement of equipment required to maintain and improve City bridges, intersections, and streets. In 2015, three 12-yard dump trucks ($120,000 each - $360,000 total) are included for replacement. These pieces of equipment are 1988,1993, and 2000 year model trucks that are past their useful life and requiring significant maintenance.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	880,000
2015 Certificates of Oblig.		328,000
TOTAL FUNDED	$	1,208,000
UNFUNDED	$	2,000,000
PROJECT TOTAL	$	3,208,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	848	360	500	500	500	500		3,208
Other								
TOTAL COSTS	848	360	500	500	500	500		3,208

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	880	328						1,208
Other								
Unfunded			500	500	500	500		2,000
TOTAL SOURCES	880	328	500	500	500	500		3,208

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **MF14**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: STREET

PROJECT TITLE: COVER FOR SANDING MATERIAL

PROJECT NO(S).: 39818

ACCOUNT NO(S).: 692-4699-3981800

PROJECT DESCRIPTION

Provide funds for a structure to cover the Street Department's sanding material. Currently, the material that the Street Department spreads on streets during icy/snowy weather sits exposed on the Street Department yard. When freezing precipitation falls, it often causes that material to freeze together in large chunks. That makes it difficult to load the material into the sanding trucks. The frozen material often gets stuck in the sanding inserts, making it very difficult to spread it on the streets. Constructing a high-roofed structure will allow the material to be stored and loaded onto sanding trucks out of the weather, which will significantly improve the efficiency of the sanding operations.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	140,000
TOTAL FUNDED	$	140,000
UNFUNDED	$	
PROJECT TOTAL	$	140,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		140						140
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		140						140

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		140						140
Other								
Unfunded								
TOTAL SOURCES		140						140

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	6/2015	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	6/2015	12/2015

MISCELLANEOUS REVENUE SUPPORTED AND
INTERNAL SERVICE DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	EWS Group - Delivery										
21070	* 95-Gal. Recycling Containers - Phase 4 thru 6	M01	CO/UNF	$0	$562	$562	$562	$0	$0	$0	1,686
21068	* Replacement of Side-Load Residential Trucks	M02	CO/UNF	0	906	634	999	1,398	734	0	4,671
21069	* Replacement of Recycling Truck	M03	CO/UNF	0	302	634	333	0	734	0	2,003
21071	* Replacement of Rear-Load Residential Trucks	M04	CO/UNF	0	519	272	286	300	315	0	1,692
21072	* Replacement of Knuckle Boom Trucks	M05	CO/UNF	0	363	191	0	0	221	0	775
21074	* Replacement of Brush Trailers	M06	CO/UNF	0	127	134	140	74	0	0	475
21073	* Replacement of Brush Tractor Trucks	M07	CO/UNF	0	178	93	196	103	0	0	570
21075	Replcmt. of Commercial Front-Load Trucks	M08	UNF	0	0	312	327	0	361	0	1,000
	Fleet Services										
19030	Fuel System Upgrade	M09	CO	80	272	0	0	0	0	0	352
19033	Fleet Customer Waiting Area / Break Room	M10	CO	5	145	0	0	0	0	0	150
	Management Information Services										
23045	Extend Fiber Optic Cable	M11	CO	715	117	0	0	0	0	0	832
23019	Network and Cabling Upgrades	M12	CF/CO/UNF	571	179	250	0	0	0	0	1,000
23056	Relocation of ITS to DDI Building	M13	CO	3,307	79	0	0	0	0	0	3,386
23058	City Hall UPS Upgrade / Data Center Renovation	M14	CO/INT	385	35	0	0	0	0	0	420
	Stormwater Management										
39818	* Stormwater Maintenance Equipment	M15	CO/UNF	0	500	500	500	500	500	0	2,500
	Total			$5,063	$4,284	$3,582	$3,343	$2,375	$2,865	$0	$21,512
	Total Existing CO's, Interest, and Other Sources			$5,063	$1,191	$0	$0	$0	$0	$0	$6,254
	2015 Certificate of Obligation			0	3,093	0	0	0	0	0	3,093
	Unfunded			0	0	3,582	3,343	2,375	2,865	0	12,165
	Total			$5,063	$4,284	$3,582	$3,343	$2,375	$2,865	$0	$21,512

*Project funded for the first time

MISCELLANEOUS REVENUE SUPPORTED AND INTERNAL SERVICE DETAIL PROJECT SUMMARY
(Calendar Year 2014)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	EWS Group - Delivery									
21070	* 95-Gal. Recycling Containers - Phase 4 thru 6	M01	Appr.	$494	$562	$562	$0	$0	$0	$1,618
21068	* Replacement of Side-Load Residential Trucks	M02	Appr.	610	634	999	1,398	734	0	4,375
21069	* Replacement of Recycling Truck	M03	Appr.	302	634	333	0	734	0	2,003
21071	* Replacement of Rear-Load Residential Trucks	M04	Appr.	519	272	286	300	315	0	1,692
21072	* Replacement of Knuckle Boom Trucks	M05	Appr.	363	191	0	0	221	0	775
21074	* Replacement of Brush Trailers	M06	Appr.	127	134	140	74	0	0	475
21073	* Replacement of Brush Tractor Trucks	M07	Appr.	178	93	196	103	0	0	570
21075	Replcmt. of Commercial Front-Load Trucks	M08	Appr.	0	312	327	0	361	0	1,000
	Management Information Services									
23019	Network and Cabling Upgrades	M12	Appr.	0	250	0	0	0	0	250
	Stormwater Management									
39818	* Stormwater Maintenance Equipment	M15	Appr.	500	500	500	500	500	0	2,500
	Total			$3,093	$3,582	$3,343	$2,375	$2,865	$0	$15,258
	Total Approved			$3,093	$3,582	$3,343	$2,375	$2,865	$0	$15,258
	Total Unapproved			0	0	0	0	0	0	0
	Total			$3,093	$3,582	$3,343	$2,375	$2,865	$0	$15,258

*Projects funded for the first time

PAGE NO: M01	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
EWS GROUP - DELIVERY	95-GAL. RECYC. CONTAINERS - PHASE 4 THRU 6	21070	246-4319-2107000

PROJECT DESCRIPTION

A 6-phased implementation of automated collection for recyclables began in 2011 in designated areas of the City to allow residents to recycle a wider range of commodities. Under this program, residents are given a 95-gallon recycling container to replace the 18-gallon recycling bin previously used. Funding in 2015 is requested to purchase 10,500 95-Gallon Recycling Containers for the implementation of Phase 4 of the Automated Collection Single Stream Recycling Program. There are two additional phases (scheduled in 2016 and 2017) needed to complete citywide implementation of this program.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	68,170
2015 Certificates of Oblig.		494,000
TOTAL FUNDED	$	562,170
UNFUNDED	$	1,124,000
PROJECT TOTAL	$	1,686,170

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		562	562	562				1,686
Other								
TOTAL COSTS		562	562	562				1,686

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	68	494						562
Other								
Unfunded			562	562				1,124
TOTAL SOURCES	68	494	562	562				1,686

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	3/2015	12/2017

PAGE NO:				COUNCIL DISTRICT(S)
M02	*New Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
EWS GROUP - DELIVERY	REPLACEMENT OF SIDE-LOAD RESID. TRUCKS	21068	246-4319-2106800

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Side-Load Residential Trucks. Three 2008 model trucks are scheduled to be replaced in 2015. These pieces of equipment are past their useful lives and require significant maintenance costs in order to stay operational.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	296,000
2015 Certificates of Oblig.		610,000
TOTAL FUNDED	$	906,000
UNFUNDED	$	3,765,000
PROJECT TOTAL	$	4,671,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New trucks will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		906	634	999	1,398	734		4,671
Other								
TOTAL COSTS		906	634	999	1,398	734		4,671

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	296	610						906
Other								
Unfunded			634	999	1,398	734		3,765
TOTAL SOURCES	296	610	634	999	1,398	734		4,671

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M03**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: EWS GROUP - DELIVERY

PROJECT TITLE: REPLACEMENT OF RECYCLING TRUCK

PROJECT NO(S).: 21069

ACCOUNT NO(S).: 246-4319-2106900

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Recycling Trucks. Funding in 2015 is requested for the replacement of a 2007 model Manual Loading Recycling Collection Truck that is past its useful life and requiring siginificant maintenance to stay operational. This truck will be replaced with an Automated Side-Loading Recycling Truck as part of the implementation of Phase 4 of the Automated Collection Single Stream Recycling Program.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	302,000
TOTAL FUNDED	$	302,000
UNFUNDED	$	1,701,000
PROJECT TOTAL	$	2,003,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New trucks will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		302	634	333		734		2,003
Other								
TOTAL COSTS		302	634	333		734		2,003

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		302						302
Other								
Unfunded			634	333		734		1,701
TOTAL SOURCES		302	634	333		734		2,003

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: M04	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
EWS GROUP - DELIVERY	REPLACEMENT OF REAR-LOAD RESID. TRUCKS	21071	246-4319-2107100

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Rear-Load Residential Trucks. In 2015, funding is being requested for the replacement of two 2002 model Rear-Load Trucks (#430-262 & #430-263) used in the Brush & Bulky Goods Collection Division. These trucks have exceeded their useful lives and are incurring excessive maintenance expenditures.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	519,000
TOTAL FUNDED	$	519,000
UNFUNDED	$	1,173,000
PROJECT TOTAL	$	1,692,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

New trucks will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		519	272	286	300	315		1,692
Other								
TOTAL COSTS		519	272	286	300	315		1,692

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		519						519
Other								
Unfunded			272	286	300	315		1,173
TOTAL SOURCES		519	272	286	300	315		1,692

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M05**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: EWS GROUP - DELIVERY

PROJECT TITLE: REPLACEMENT OF KNUCKLE BOOM TRUCKS

PROJECT NO(S).: 21072

ACCOUNT NO(S).: 246-4319-2107200

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Knuckle Boom Trucks. In 2015, funding is being requested for the replacement of two 2006 model Knuckle Boom Loader Trucks (#430-290 & #430-291) used in the Brush & Bulky Goods Collection Division. These trucks have exceeded their useful lives and are incurring excessive maintenance expenditures.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	363,000
TOTAL FUNDED	$	363,000
UNFUNDED	$	412,000
PROJECT TOTAL	$	775,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New trucks will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		363	191			221		775
Other								
TOTAL COSTS		363	191			221		775

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		363						363
Other								
Unfunded			191			221		412
TOTAL SOURCES		363	191			221		775

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M06**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: EWS GROUP - DELIVERY

PROJECT TITLE: REPLACEMENT OF BRUSH TRAILERS

PROJECT NO(S).: 21074

ACCOUNT NO(S).: 246-4319-2107400

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Brush Trailers. Funding is being requested for the replacement of four 1998 and 1999 Brush Trailers (#430-211, #430-193, #430-194, and #430-195) used in the Brush & Bulky Goods Collection Division. The existing trailers have exceeded their useful lives and are incurring excessive maintenance expenditures.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	127,000
TOTAL FUNDED	$	127,000
UNFUNDED	$	348,000
PROJECT TOTAL	$	475,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New equipment will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		127	134	140	74			475
Other								
TOTAL COSTS		127	134	140	74			475

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		127						127
Other								
Unfunded			134	140	74			348
TOTAL SOURCES		127	134	140	74			475

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: M07	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
EWS GROUP - DELIVERY	REPLACEMENT OF BRUSH TRACTOR TRUCKS	21073	246-4319-2107300

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Brush Tractor Trucks. In 2015, funding is being requested for the replacement of two 2002 model Brush Tractor Trucks (#430-251 & #430-252) used in the Brush & Bulky Goods Collection Division. The existing trucks have exceeded their useful lives and are incurring excessive maintenance expenditures.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	178,000
TOTAL FUNDED	$	178,000
UNFUNDED	$	392,000
PROJECT TOTAL	$	570,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New trucks will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		178	93	196	103			570
Other								
TOTAL COSTS		178	93	196	103			570

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		178						178
Other								
Unfunded			93	196	103			392
TOTAL SOURCES		178	93	196	103			570

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M08**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: EWS GROUP - DELIVERY

PROJECT TITLE: REPLCMT. OF COMMERCIAL FRONT-LOAD TRUCKS

PROJECT NO(S).: 21075

ACCOUNT NO(S).: 243-4319-2107500

PROJECT DESCRIPTION

This project provides funding for the regular replacement of Commercial Front-Load Trucks. There is not a need for the replacement of Commercial Front-Load Trucks in 2015.

Environmental Waste Services equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration the age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on residential ratepayers.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$
UNFUNDED	$ 1,000,000
PROJECT TOTAL	$ 1,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact

☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

New equipment will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.			312	327		361		1,000
Other								
TOTAL COSTS			312	327		361		1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			312	327		361		1,000
TOTAL SOURCES			312	327		361		1,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M09**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: FLEET SERVICES

PROJECT TITLE: FUEL SYSTEM UPGRADE

PROJECT NO(S).: 19030

ACCOUNT NO(S).: 446-4899-1903007

PROJECT DESCRIPTION

This project is for the installation of electronic fuel tank monitors on all of the fuel inventory tanks for the City, installation of automated fuel dispensing on the Greenhouse fuel tanks, and the addition of a 10,000-gallon fuel tank to the Landfill fuel island and an electronic tank monitor and fuel dispensers, including construction work to properly install this equipment.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	352,378
TOTAL FUNDED	$	352,378
UNFUNDED	$	
PROJECT TOTAL	$	352,378

IMPACT ON OPERATING BUDGET

- [x] Will Impact
- [ ] Will Not Impact

# of Positions ____

Annual Cost/(Savings):	
Personnel	$29,000
Operations	7,000
Capital	
Total	$36,000

IMPACT EXPLANATION

Maintenance costs for maintaining 24 tank monitors will be required in the Operating Budget on an annual basis.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	80	272						352
Other								
TOTAL COSTS	80	272						352

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	352							352
Other								
Unfunded								
TOTAL SOURCES	352							352

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2010	12/2015

PAGE NO: M10	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 2

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
FLEET SERVICES	FLEET CUSTOMER WAITING AREA / BREAK ROOM	19033	446-4749-19033XX

PROJECT DESCRIPTION

In its current configuration, the Fleet Services Department does not have any place for its customers to wait while service is being performed on their vehicles. Additionally, the employee break room is small for the number of employees in the department, and enlarging it is requested as part of the same project.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	150,000
TOTAL FUNDED	$	150,000
UNFUNDED	$	
PROJECT TOTAL	$	150,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):	
Personnel	
Operations	2,000
Capital	
Total	$2,000

IMPACT EXPLANATION

There will be a marginal increase in Fleet Services' utility costs due to the additional waiting. Additionally, the break room being requested includes air-conditioning.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	5	10						15
Land/Right-of-Way								
Construction		135						135
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	5	145						150

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	150							150
Other								
Unfunded								
TOTAL SOURCES	150							150

PROJECT SCHEDULE	START	FINISH
Design	4/2012	12/2015
Land/Right-of-Way		
Construction	1/2015	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	4/2012	12/2015

PAGE NO: **M11**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: MGMT INFO SERVICES

PROJECT TITLE: EXTEND FIBER OPTIC CABLE

PROJECT NO(S).: 23045

ACCOUNT NO(S).: 416-4559-23045XX

PROJECT DESCRIPTION

This is an ongoing project to extend dedicated fiber optic cable to selected City facilities as recommended by the Fiber Steering Committee and approved by the ITB and City Council. Installed fiber will provide bandwidth for current and future City data needs, eliminate monthly lease fees to the telephone companies, and improve troubleshooting response times.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	831,590
TOTAL FUNDED	$	831,590
UNFUNDED	$	
PROJECT TOTAL	$	831,590

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

The amount reduced in the Operating Budget will depend on the monthly charges for T1s at specified locations. To date, there has been a reduction of approximately $100,000 in telephone private line costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	715	117						832
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	715	117						832

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	832							832
Other								
Unfunded								
TOTAL SOURCES	832							832

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M12**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: MGMT INFO SERVICES

PROJECT TITLE: NETWORK AND CABLING UPGRADES

PROJECT NO(S).: 23019

ACCOUNT NO(S).: 416-4599-23019XX

PROJECT DESCRIPTION

This is an ongoing project. Recabling of City facilities is required to provide the speed and capacity necessary to meet the requirements of today's workstations. Additional network capacity is also required to support new and bandwidth-intensive applications such as video conferencing, network security cameras, IP telephony, and virtual desktops.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	500,000
Current Funds		250,000
TOTAL FUNDED	$	750,000
UNFUNDED	$	250,000
PROJECT TOTAL	$	1,000,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	571	179	250					1,000
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	571	179	250					1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	250							250
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	500							500
Other								
Unfunded			250					250
TOTAL SOURCES	750		250					1,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **M13**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT MGMT INFO SERVICES

PROJECT TITLE RELOCATION OF ITS TO DDI BUILDING

PROJECT NO(S). 23056

ACCOUNT NO(S). 416-4599-2305607

PROJECT DESCRIPTION

The building construction is complete, and the department has occupied the building. The work remaining consists of additional grounding and lightning protection for the building and equipment housed there.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 3,385,655
TOTAL FUNDED	$ 3,385,655
UNFUNDED	$
PROJECT TOTAL	$ 3,385,655

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	3,307	79						3,386
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,307	79						3,386

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	3,386							3,386
Other								
Unfunded								
TOTAL SOURCES	3,386							3,386

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	6/2007	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	6/2007	12/2015

PAGE NO: **M14**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: MGMT INFO SERVICES

PROJECT TITLE: CITY HALL UPS UPGRADE / DATA CENTER RENOV.

PROJECT NO(S).: 23058

ACCOUNT NO(S).: 416-4749-23058XX

PROJECT DESCRIPTION

This project provides funding to complete the installation of a new UPS in City Hall's second floor Data Center. The previous UPS did not meet emergency power requirements. In addition, the HVAC units supplying this room as well as City Hall's access controls were added to the new UPS. Previously, they were not served by any back-up power supply and therefore would go down when the building lost power. Also, the Data Center has been downsized, providing excess space to be utilized by other departments in the building.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$	377,000
Interest		43,000
TOTAL FUNDED	$	420,000
UNFUNDED	$	
PROJECT TOTAL	$	420,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	78							78
Land/Right-of-Way								
Construction	294	33						327
Landscaping								
Equip. & Furnish.								
Other	13	2						15
TOTAL COSTS	385	35						420

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	377							377
Other (Interest)	43							43
Unfunded								
TOTAL SOURCES	420							420

PROJECT SCHEDULE	START	FINISH
Design	2/2012	1/2013
Land/Right-of-Way		
Construction	1/2013	3/2015
Finish Out		
Other		
TOTAL SCHEDULE	2/2012	3/2015

PAGE NO: M15	*New Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) N/A

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
DRAINAGE	STORMWATER MAINTENANCE EQUIPMENT	39818	692-4699-3981800

PROJECT DESCRIPTION

Provides funds for the regular replacement of equipment required to maintain natural and man-made drainageways. In 2015, a 1994-year model hydraulic excavator ($250,000) and a 1994-year model truck tractor and haul trailer ($250,000) are requested to be replaced.

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	500,000
TOTAL FUNDED	$	500,000
UNFUNDED	$	2,000,000
PROJECT TOTAL	$	2,500,000

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		500	500	500	500	500		2,500
Other								
TOTAL COSTS		500	500	500	500	500		2,500

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation		500						500
Other								
Unfunded			500	500	500	500		2,000
TOTAL SOURCES		500	500	500	500	500		2,500

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

LANDFILL/TRANSFER STATION DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.		Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
17154	*	Replacement of Landfill Equipment	EW01	CF/UNF	0	675	1,963	1,347	1,290	1,164	0	6,439
17155	*	Replacement of Transfer Station Equipment	EW02	CO/UNF	0	637	462	0	0	0	0	1,099
		Total			$0	$1,312	$2,425	$1,347	$1,290	$1,164	$0	$7,538
		Total Existing CO's, Interest, and Other Sources			$0	$778	$0	$0	$0	$0	$0	$778
		2015 Certificates of Obligation			0	534	0	0	0	0	0	534
		Unfunded			0	0	2,425	1,347	1,290	1,164	0	6,226
		Total			$0	$1,312	$2,425	$1,347	$1,290	$1,164	$0	$7,538

* Project funded for the first time

LANDFILL/TRANSFER STATION DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.		Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
17154	*	Replacement of Landfill Equipment	EW01	Appr.	$0	$1,963	$1,347	$1,290	$1,164	$0	$5,764
17155	*	Replacement of Transfer Station Equipment	EW02	Appr.	534	462	0	0	0	0	996
		Total			$534	$2,425	$1,347	$1,290	$1,164	$0	$6,760
		Total Approved			$534	$2,425	$1,347	$1,290	$1,164	$0	$6,760
		Total Unapproved			0	0	0	0	0	0	0
		Total			$534	$2,425	$1,347	$1,290	$1,164	$0	$6,760

*Project funded for the first time

PAGE NO: **EW01**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT EWS GROUP - DISPOSAL

PROJECT TITLE REPLACEMENT OF LANDFILL EQUIPMENT

PROJECT NO(S). 17154

ACCOUNT NO(S). 692-1602-1715400

PROJECT DESCRIPTION

This project provides funding for the replacement of critical Landfill equipment used to compact, handle, and apply cover to refuse at the Hinton Landfill as required by the Landfill Permit. In 2015, a 2009 model D8 Dozer ($675,000) with approximately 12,000 hours of operation is scheduled to be replaced. This piece of equipment is past its useful life and is requiring significant maintenance to keep operational.

Landfill equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial impact on the City.

FUNDING SOURCE(S)

Current Funds	$ 675,000
TOTAL FUNDED	$ 675,000
UNFUNDED	$ 5,764,000
PROJECT TOTAL	$ 6,439,000

IMPACT ON OPERATING BUDGET

☑ Will Impact

☐ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

New equipment will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		675	1,963	1,347	1,290	1,164		6,439
Other								
TOTAL COSTS		675	1,963	1,347	1,290	1,164		6,439

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds		675						675
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			1,963	1,347	1,290	1,164		5,764
TOTAL SOURCES		675	1,963	1,347	1,290	1,164		6,439

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **EW02**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: EWS GROUP - DISPOSAL

PROJECT TITLE: REPLACEMENT OF TRANSFER STATION EQUIP.

PROJECT NO(S).: 17155

ACCOUNT NO(S).: 692-1609-1715500

PROJECT DESCRIPTION

This project provides funding for equipment utilized within the Transfer Station Division of the Environmental Waste Services Department. In 2015, a 2004 model Semi-Tractor Truck ($145,000) and a 2006 model Transfer Trailer ($75,000) used to transport waste to the Hinton Landfill facility are scheduled for replacement. Also included is a 2006 model Caterpillar Track Loader ($371,000) used to load solid waste into trailers. In addition, a 2000 model Bobcat Skid Loader ($46,000) used in the Recycling Drop-Off Center is being requested for replacement.

Transfer Station equipment goes through a thorough evaluation each year by the Fleet Services Department, and a five-year replacement schedule is updated each year for financial planning. This evaluation takes into consideration age, mileage, maintenance costs, operating effectiveness of each piece of equipment, and financial

FUNDING SOURCE(S)

2015 Certificates of Oblig.	$	534,000
Certificates of Oblig. Issued		103,000
TOTAL FUNDED	$	637,000
UNFUNDED	$	462,000
PROJECT TOTAL	$	1,099,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New equipment will lower maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.		637	462					1,099
Other								
TOTAL COSTS		637	462					1,099

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation	103	534						637
Other								
Unfunded			462					462
TOTAL SOURCES	103	534	462					1,099

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

WATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 2014	2015	2016	2017	2018	2019	2020 to Completion	Project Total
30190	Transmission Mains (16-Inch and Above)	W01	RB/UNF	$3,352	$1,317	$1,000	$1,000	$1,000	$1,000	$0	$8,669
30191	Distribution Lines (Up to 14-Inch)	W02	RB/UNF	3,105	3,000	1,000	1,000	1,000	1,000	0	10,105
30192	Relocation of Mains Prior to Paving	W03	RB/UNF	6,329	5,200	1,500	1,500	1,500	1,500	0	17,529
30195	Relocation of Mains Prior to Storm Sewer Install.	W04	RB/CO/UNF	207	225	125	125	125	125	0	932
30197	Water Pump Station Rehab	W05	RB/UNF	2,500	2,450	600	400	200	200	0	6,350
30205	Fire Hydrant Installation	W06	RB/CO/INT/UNF	356	150	150	150	150	150	0	1,106
30206	New Water Service Installation	W07	RB/UNF	911	338	300	300	300	300	0	2,449
30207	Upgrade Undersized Water Mains	W08	RB/INT/UNF	2,080	900	500	500	500	500	0	4,980
30208	Water Distribution Line Replacement	W09	RB/INT/UNF	2,224	500	500	500	500	500	0	4,724
30213	Radio Read Water Meter Retrofit	W10	RB/UNF	2,543	800	500	500	500	500	0	5,343
30216	Country Club Road Water Transmission Mains	W11	RB/UNF	54	346	2,100	1,400	0	0	0	3,900
30222	West Pressure Plane Improvements	W12	RB/UNF	12,776	5,100	3,100	0	0	0	0	20,976
30225	Water Utilities Field Opns. Bldg. Remodel	W13	RB	71	116	0	0	0	0	0	187
30231	Pleasant Valley Water Main	W14	RB	0	700	0	0	0	0	0	700
	Total			$36,508	$21,142	$11,375	$7,375	$5,775	$5,775	$0	$87,950
	Total Existing CO's/RB's/Interest			$36,508	$5,594	$0	$0	$0	$0	$0	$42,102
	Total 2015 Revenue Bonds/Commerical Paper			0	15,548	0	0	0	0	0	15,548
	Unfunded			0	0	11,375	7,375	5,775	5,775	0	30,300
	Total			$36,508	$21,142	$11,375	$7,375	$5,775	$5,775	$0	$87,950

WATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
UNAPPROVED PROJECTS

PROJ. NO.	Project Description	Page	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
30232	East Zone Water Tower	W15	$0	$0	$0	$0	$0	$0	$7,000	$7,000
	Total		$0	$0	$0	$0	$0	$0	$7,000	$7,000

WATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
30190	Transmission Mains (16-Inch and Above)	W01	Appr.	$1,000	$1,000	$1,000	$1,000	$1,000	$0	$5,000
30191	Distribution Lines (Up to 14-Inch)	W02	Appr.	2,500	1,000	1,000	1,000	1,000	0	6,500
30192	Relocation of Mains Prior to Paving	W03	Appr.	4,700	1,500	1,500	1,500	1,500	0	10,700
30195	Relocation of Mains Prior to Storm Sewer Install.	W04	Appr.	0	125	125	125	125	0	500
30197	Water Pump Station Rehab	W05	Appr.	2,148	600	400	200	200	0	3,548
30205	Fire Hydrant Installation	W06	Appr.	0	150	150	150	150	0	600
30206	New Water Service Installation	W07	Appr.	300	300	300	300	300	0	1,500
30207	Upgrade Undersized Water Mains	W08	Appr.	0	500	500	500	500	0	2,000
30208	Water Distribution Line Replacement	W09	Appr.	0	500	500	500	500	0	2,000
30213	Radio Read Water Meter Retrofit	W10	Appr.	500	500	500	500	500	0	2,500
30216	Country Club Road Water Transmission Mains	W11	Appr.	300	2,100	1,400	0	0	0	3,800
30222	West Pressure Plane Improvements	W12	Appr.	4,100	3,100	0	0	0	0	7,200
30232	East Zone Water Tower	W15	Unappr.	0	0	0	0	0	7,000	7,000
	Total			$15,548	$11,375	$7,375	$5,775	$5,775	$7,000	$52,848
	Total Approved			$15,548	$11,375	$7,375	$5,775	$5,775	$0	$45,848
	Total Unapproved			0	0	0	0	0	7,000	7,000
	Total			$15,548	$11,375	$7,375	$5,775	$5,775	$7,000	$52,848

PAGE NO: **W01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: TRANSMISSION MAINS (16-INCH AND ABOVE)

PROJECT NO(S).: 30190

ACCOUNT NO(S).: 227-4049-3019000

PROJECT DESCRIPTION

Installation of new transmission mains and installation and upgrade of existing water transmission mains. Includes cost of labor, outside contractors, and engineered designs.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 3,668,739
Commercial Paper	1,000,000
TOTAL FUNDED	$ 4,668,739
UNFUNDED	$ 4,000,000
PROJECT TOTAL	$ 8,668,739

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Favorable impact due to decreased maintenance on new lines.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	3,352	1,317	1,000	1,000	1,000	1,000		8,669
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,352	1,317	1,000	1,000	1,000	1,000		8,669

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	3,669	1,000						4,669
Certificates of Obligation								
Other								
Unfunded			1,000	1,000	1,000	1,000		4,000
TOTAL SOURCES	3,669	1,000	1,000	1,000	1,000	1,000		8,669

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: DISTRIBUTION LINES (UP TO 14-INCH)

PROJECT NO(S).: 30191

ACCOUNT NO(S).: 227-4049-3019100

PROJECT DESCRIPTION

Replacement of water distribution mains which have deteriorated to a substandard condition. Includes the cost of labor, materials, outside contractors, and engineered drawings.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 3,604,578
Commercial Paper	2,500,000
TOTAL FUNDED	$ 6,104,578
UNFUNDED	$ 4,000,000
PROJECT TOTAL	$ 10,104,578

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Favorable impact due to decreased maintenance on new lines.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	3,105	3,000	1,000	1,000	1,000	1,000		10,105
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,105	3,000	1,000	1,000	1,000	1,000		10,105

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	3,605	2,500						6,105
Certificates of Obligation								
Other								
Unfunded			1,000	1,000	1,000	1,000		4,000
TOTAL SOURCES	3,605	2,500	1,000	1,000	1,000	1,000		10,105

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: RELOCATION OF MAINS PRIOR TO PAVING

PROJECT NO(S).: 30192

ACCOUNT NO(S).: 227-4049-3019200

PROJECT DESCRIPTION

Relocation of water mains prior to paving. Replacements are necessary to maintain adequate water service, avoid utility conflicts, and upgrade the water distribution system. Includes the cost of labor, materials, outside contractors, and engineered drawings.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 6,828,741
Commercial Paper	4,700,000
TOTAL FUNDED	$ 11,528,741
UNFUNDED	$ 6,000,000
PROJECT TOTAL	$ 17,528,741

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

New lines will have a favorable impact by reducing maintenance on replaced water mains.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	6,329	5,200	1,500	1,500	1,500	1,500		17,529
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	6,329	5,200	1,500	1,500	1,500	1,500		17,529

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	6,829	4,700						11,529
Certificates of Obligation								
Other								
Unfunded			1,500	1,500	1,500	1,500		6,000
TOTAL SOURCES	6,829	4,700	1,500	1,500	1,500	1,500		17,529

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: RELOC. OF MAINS PRIOR TO STORM SEWER INST.

PROJECT NO(S).: 30195, 30195

ACCOUNT NO(S).: 227-4049-3019500, 226-4049-3019500

PROJECT DESCRIPTION

Relocation of water mains and services in conflict with installation of storm sewer pipe to control flooding.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	307,435
Certificates of Oblig. Issued		125,000
TOTAL FUNDED	$	432,435
UNFUNDED	$	500,000
PROJECT TOTAL	$	932,435

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Positive impact due to the new or replacement lines requiring less maintenance.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	207	225	125	125	125	125		932
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	207	225	125	125	125	125		932

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	307							307
Certificates of Obligation	125							125
Other								
Unfunded			125	125	125	125		500
TOTAL SOURCES	432		125	125	125	125		932

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W05**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: WATER PUMP STATION REHAB

PROJECT NO(S).: 30197

ACCOUNT NO(S).: 227-4049-30197XX

PROJECT DESCRIPTION

This request provides funds for the annual current Capital Improvement Program. The objective of the program is to enhance reliability and extend the useful life of water pumping station infrastructure through time-phased replacement of equipment to maintain useful service levels and continually meet water quality requirements through booster chlorination.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 2,802,234
Commercial Paper	2,148,000
TOTAL FUNDED	$ 4,950,234
UNFUNDED	$ 1,400,000
PROJECT TOTAL	$ 6,350,234

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Favorable impact due to less power consumption resulting from more efficient pumps and motors, and decreased water main flushing.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	400	300	100	100				900
Land/Right-of-Way								
Construction	2,100	2,150	500	300	200	200		5,450
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,500	2,450	600	400	200	200		6,350

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	2,802	2,148						4,950
Certificates of Obligation								
Other								
Unfunded			600	400	200	200		1,400
TOTAL SOURCES	2,802	2,148	600	400	200	200		6,350

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W06**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: FIRE HYDRANT INSTALLATION

PROJECT NO(S).: 30205, 30205

ACCOUNT NO(S).: 227-4049-3020500, 226-4049-3020500

PROJECT DESCRIPTION

Installation of new fire hydrants on existing water lines. Fire hydrants will be installed at various locations to improve fire protection.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	355,861
Certificates of Oblig. Issued		90,000
Interest		60,000
TOTAL FUNDED	$	505,861
UNFUNDED	$	600,000
PROJECT TOTAL	$	1,105,861

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Slight increase in maintenance costs due to additional fire hydrants in system.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	356	150	150	150	150	150		1,106
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	356	150	150	150	150	150		1,106

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	356							356
Certificates of Obligation	90							90
Other (Interest)		60						60
Unfunded			150	150	150	150		600
TOTAL SOURCES	446	60	150	150	150	150		1,106

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W07**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: NEW WATER SERVICE INSTALLATION

PROJECT NO(S).: 30206

ACCOUNT NO(S).: 227-4049-3020600

PROJECT DESCRIPTION

Project consists of purchasing water meters, meter boxes, and related service line parts necessary for potable water supply service.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	949,237
Commercial Paper		300,000
TOTAL FUNDED	$	1,249,237
UNFUNDED	$	1,200,000
PROJECT TOTAL	$	2,449,237

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Slight increase in maintenance costs due to increase in number of water meters in system.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	911	338	300	300	300	300		2,449
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	911	338	300	300	300	300		2,449

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	949	300						1,249
Certificates of Obligation								
Other								
Unfunded			300	300	300	300		1,200
TOTAL SOURCES	949	300	300	300	300	300		2,449

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W08**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: UPGRADE UNDERSIZED WATER MAINS

PROJECT NO(S).: 30207

ACCOUNT NO(S).: 227-4049-3020700

PROJECT DESCRIPTION

Replacement of undersized water lines, 2-inch diameter or smaller, with new 6-inch PVC mains.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 2,080,321
Interest	900,000
TOTAL FUNDED	$ 2,980,321
UNFUNDED	$ 2,000,000
PROJECT TOTAL	$ 4,980,321

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Replacing old lines will have a positive impact on the Operating Budget by reducing maintenance costs and water loss.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	2,080	900	500	500	500	500		4,980
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,080	900	500	500	500	500		4,980

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	2,080							2,080
Certificates of Obligation								
Other (interest)		900						900
Unfunded			500	500	500	500		2,000
TOTAL SOURCES	2,080	900	500	500	500	500		4,980

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W09**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: WATER DISTRIBUTION LINE REPLACEMENT

PROJECT NO(S).: 30208

ACCOUNT NO(S).: 227-4049-3020800

PROJECT DESCRIPTION

Installation of short sections of new water mains, 6-inch diameter or larger, for repair purposes.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 2,224,233
Interest	500,000
TOTAL FUNDED	$ 2,724,233
UNFUNDED	$ 2,000,000
PROJECT TOTAL	$ 4,724,233

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Replacing water lines will have a positive impact on the Operating Budget by reducing maintenance costs and water loss.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	2,224	500	500	500	500	500		4,724
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,224	500	500	500	500	500		4,724

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	2,224							2,224
Certificates of Obligation								
Other (Interest)		500						500
Unfunded			500	500	500	500		2,000
TOTAL SOURCES	2,224	500	500	500	500	500		4,724

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **W10**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: RADIO READ WATER METER RETROFIT

PROJECT NO(S).: 30213

ACCOUNT NO(S).: 227-4049-3021300

PROJECT DESCRIPTION

Phased replacement of existing water meters with programmable radio read water meters.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 2,843,349
Commercial Paper	500,000
TOTAL FUNDED	$ 3,343,349
UNFUNDED	$ 2,000,000
PROJECT TOTAL	$ 5,343,349

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Minor impact on Operating Budget due to increased maintenance for radio read water meters.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	2,543	800	500	500	500	500		5,343
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,543	800	500	500	500	500		5,343

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	2,843	500						3,343
Certificates of Obligation								
Other								
Unfunded			500	500	500	500		2,000
TOTAL SOURCES	2,843	500	500	500	500	500		5,343

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO:				COUNCIL DISTRICT(S)
W11	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	3

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
WATER	COUNTRY CLUB ROAD WATER TRANS. MAINS	30216	227-4049-3021600

PROJECT DESCRIPTION

This project is for the replacement of the existing 12-inch water line along Country Club Road from Wendell Way to Rowlett Road. The new main will be a 24-inch line as recommended by the hydraulic water model to increase water flows to the I.H. 30 corridor. Previously, a 24-inch main was installed along new Country Club Road from Wynn Joyce to Wendell Way. Funds are also included in 2016-2017 to extend from Bobtown Road to I.H. 30.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	100,000
Commercial Paper		300,000
TOTAL FUNDED	$	400,000
UNFUNDED	$	3,500,000
PROJECT TOTAL	$	3,900,000

IMPACT ON OPERATING BUDGET

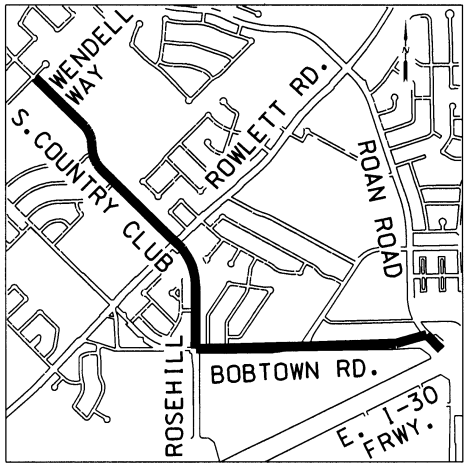
☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

Positive impact due to the new or replacement lines requiring less maintenance.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	54	346						400
Land/Right-of-Way								
Construction			2,100	1,400				3,500
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	54	346	2,100	1,400				3,900

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	100	300						400
Certificates of Obligation								
Other								
Unfunded			2,100	1,400				3,500
TOTAL SOURCES	100	300	2,100	1,400				3,900

PROJECT SCHEDULE	START	FINISH
Design	1/2014	12/2015
Land/Right-of-Way		
Construction	1/2016	6/2017
Finish Out		
Other		
TOTAL SCHEDULE	1/2014	6/2017

PAGE NO: **W12**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WATER

PROJECT TITLE: WEST PRESSURE PLANE IMPROVEMENTS

PROJECT NO(S).: 30222

ACCOUNT NO(S).: 227-4049-3022200

PROJECT DESCRIPTION

This project incorporates a phased approach to add capacity to the West Pressure Plane of the Water Distribution System. Phase 1 includes the expansion and rehabilitation of Wallace Pump Station and the construction of a new 24-inch transmission line. In Phase 2, a 2.5-million-gallon elevated storage tank will be constructed in the southwest portion of Garland.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 13,775,864
Commercial Paper	4,100,000
TOTAL FUNDED	$ 17,875,864
UNFUNDED	$ 3,100,000
PROJECT TOTAL	$ 20,975,864

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact

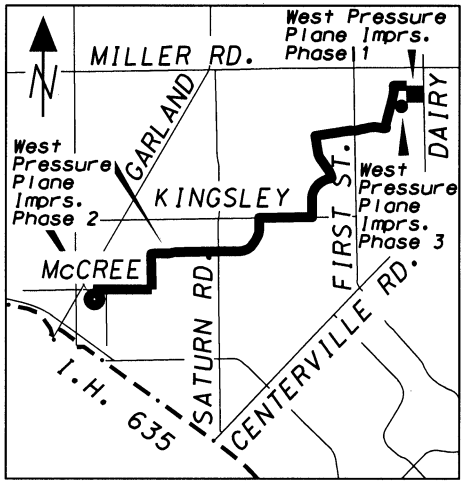
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Minimal impact due to offsetting pumping costs by reducing pumping from Apollo and Northside Pump Stations.

STRIP MAP



*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		600	100					700
Land/Right-of-Way								
Construction	12,776	4,500	3,000					20,276
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	12,776	5,100	3,100					20,976

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	13,776	4,100						17,876
Certificates of Obligation								
Other								
Unfunded			3,100					3,100
TOTAL SOURCES	13,776	4,100	3,100					20,976

PROJECT SCHEDULE	START	FINISH
Design	7/2010	12/2016
Land/Right-of-Way	1/2012	12/2015
Construction	6/2012	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	7/2010	12/2016

PAGE NO: W13	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 8

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
WATER	WATER UTILITIES FIELD OPNS. BLDG. REMODEL	30225	227-4049-30250XX 237-4149-32182XX

PROJECT DESCRIPTION

Remodel of Building #3 to relocate meter shop, create new office space for Cross Connection Control Division and for Public Education Specialist. The project also includes upgrade of HVAC system.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	187,447
TOTAL FUNDED	$	187,447
UNFUNDED	$	
PROJECT TOTAL	$	187,447

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	71	116						187
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	71	116						187

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	187							187
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	187							187

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	11/2007	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	11/2007	12/2015

PAGE NO:				COUNCIL DISTRICT(S)
W14	*Continuing Project*	**CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST**	*Amounts in 000's $	1

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
WATER	PLEASANT VALLEY WATER MAIN	30231	227-4049-3023100

PROJECT DESCRIPTION

Design and installation of new 12-inch water main to be installed with Pleasant Valley Road reconstruction from Richfield to Miles Road.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	700,000
TOTAL FUNDED	$	700,000
UNFUNDED	$	
PROJECT TOTAL	$	700,000

IMPACT ON OPERATING BUDGET

- [x] Will Impact
- [ ] Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel	
Operations	
Capital	
Total	

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		100						100
Land/Right-of-Way								
Construction		600						600
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		700						700

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	700							700
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	700							700

PROJECT SCHEDULE	START	FINISH
Design	1/2014	6/2015
Land/Right-of-Way		
Construction	6/2015	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	1/2014	12/2015

PAGE NO: W15	*Unfunded Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) 1

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
WATER	EAST ZONE WATER TOWER	30232	227-4049-3023200

PROJECT DESCRIPTION

The purpose of this request is the design and construction of a new elevated water storage tank and associated piping in the East Pressure Plane. The objective is to continue to provide peak-hour pressures to the southern portion of the city. The tower will also enhance off-peak service and fire protection.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$
UNFUNDED	$ 7,000,000
PROJECT TOTAL	$ 7,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Minor impact on the Operating Budget due to additional facility maintenance costs.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction							7,000	7,000
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS							7,000	7,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded							7,000	7,000
TOTAL SOURCES							7,000	7,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

WASTEWATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Wastewater Collection										
32123	Participation In New Sewer Development	WW01	RB/UNF	$9	$128	$0	$50	$0	$50	$0	$237
32124	Infiltration Correction - Various	WW02	CF/RB/INT/UNF	1,331	1,346	700	700	700	700	0	5,477
32147	Sewer Collection Mains - Manholes	WW03	RB/UNF	422	397	400	400	400	400	0	2,419
32148	Sanitary Sewer Taps - New or Relocations	WW04	RB/INT/UNF	120	86	80	80	80	80	0	526
33031	Collection Mains	WW05	RB/INT/UNF	4,009	2,498	1,080	1,080	1,080	1,000	0	10,747
32151	Sewer Lift Station Rehab	WW06	RB/INT/UNF	290	550	100	100	100	100	0	1,240
32154	Cured-in-Place Pipe Main & Lateral Rehab	WW07	CF/RB/UNF	1,762	700	700	500	500	500	0	4,662
32157	Relocation of Mains Prior to Paving	WW08	RB/INT/UNF	3,150	2,150	1,735	950	950	950	0	9,885
32161	Rowl-I - Campbell to Shiloh	WW09	RB/INT/UNF	43	960	450	2,000	2,500	0	0	5,953
32174	Lift Station Abandonment	WW10	RB/INT	690	2,400	0	0	0	0	0	3,090
32181	Duck Creek Greenbelt Trail Extension	WW11	CF/RB	51	1,439	0	0	0	0	0	1,490
32183	Duck Creek Interceptor Rehab	WW12	RB/INT/UNF	325	295	20	20	220	220	1,240	2,340
32184	Rowlett Interceptor Rehab	WW13	RB/CO/INT/UNF	831	836	800	930	1,045	1,025	1,120	6,587
32187	* S.H. 190 Catalyst Area	WW14	RB/UNF	0	150	850	0	0	0	0	1,000
	Wastewater Treatment										
33028	Rowlett Creek WWTP Processes Improvements	WW15	RB/UNF	2,240	1,905	1,100	3,000	7,000	10,000	20,000	45,245
33029	Rowlett Creek WWTP Replacements/Mods.	WW16	CF/RB/UNF	429	2,900	1,400	1,400	1,100	0	0	7,229
34027	Duck Creek WWTP Replacements/Mods.	WW17	CF/RB/INT/UNF	27	1,000	500	500	500	0	0	2,527
34035	Rowlett Creek WWTP Biosolids Expansion	WW18	CF/RB/CO/UNF	2,005	17,950	7,350	0	0	0	0	27,305
34038	Duck Creek WWTP Processes Improvements	WW19	CF/RB/CO/INT/UNF	1,738	1,600	1,100	600	4,000	17,000	20,000	46,038
33030	Duck Creek Laboratory Building Demolition	WW20	CF	0	200	0	0	0	0	0	200
	Total			$19,472	$39,490	$18,365	$12,310	$20,175	$32,025	$42,360	$184,197
	Total Existing CO's/RB's/Current Funds/Interest			$19,472	$24,118	$20	$20	$20	$20	$0	$43,670
	Total 2015 Revenue Bonds/Commerical Paper			0	15,372	0	0	0	0	0	15,372
	Unfunded			0	0	18,345	12,290	20,155	32,005	42,360	125,155
	Total			$19,472	$39,490	$18,365	$12,310	$20,175	$32,025	$42,360	$184,197

*Project funded for first time

WASTEWATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
UNAPPROVED PROJECTS

PROJ. NO.	Project Description	Page	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Wastewater Collection									
32186	Walnut-I	WW21	$0	$0	$250	$200	$200	$150	$3,500	$4,300
	Wastewater Treatment									
33030	Rowlett Creek Maintenance Building	WW22	0	0	0	700	2,300	0	0	3,000
33031	Rowlett Creek Operations Center Renovation	WW23	0	0	4,500	0	0	0	0	4,500
	Total		$0	$0	$4,750	$900	$2,500	$150	$3,500	$11,800

WASTEWATER DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
	Wastewater Collection									
32123	Participation In New Sewer Development	WW01	Appr.	$0	$0	$50	$0	$50	$0	$100
32124	Infiltration Correction - Various	WW02	Appr.	0	700	700	700	700	0	2,800
32147	Sewer Collection Mains - Manholes	WW03	Appr.	0	400	400	400	400	0	1,600
32148	Sanitary Sewer Taps - New or Relocations	WW04	Appr.	0	80	80	80	80	0	320
33031	Collection Mains	WW05	Appr.	1,080	1,080	1,080	1,080	1,000	0	5,320
32151	Sewer Lift Station Rehab	WW06	Appr.	0	100	100	100	100	0	400
32154	Cured-in-Place Pipe Main & Lateral Rehab	WW07	Appr.	700	700	500	500	500	0	2,900
32157	Relocation of Mains Prior to Paving	WW08	Appr.	1,178	1,735	950	950	950	0	5,763
32161	Rowl-I - Campbell to Shiloh	WW09	Appr.	0	450	2,000	2,500	0	0	4,950
32183	Duck Creek Interceptor Rehab	WW12	Appr.	0	0	0	200	200	1,240	1,640
32184	Rowlett Interceptor Rehab	WW13	Appr.	0	800	930	1,045	1,025	1,120	4,920
32187	* S.H. 190 Catalyst Area	WW14	Appr.	150	850	0	0	0	0	1,000
32186	Walnut-I	WW21	Unappr.	0	250	200	200	150	3,500	4,300
	Wastewater Treatment									
33028	Rowlett Creek WWTP Processes Improvements	WW15	Appr.	0	1,100	3,000	7,000	10,000	20,000	41,100
33029	Rowlett Creek WWTP Replacements/Mods.	WW16	Appr.	609	1,400	1,400	1,100	0	0	4,509
34027	Duck Creek WWTP Replacements/Mods.	WW17	Appr.	0	500	500	500	0	0	1,500
34035	Rowlett Creek WWTP Biosolids Expansion	WW18	Appr.	11,655	7,350	0	0	0	0	19,005
34038	Duck Creek WWTP Processes Improvements	WW19	Appr.	0	1,100	600	4,000	17,000	20,000	42,700
33030	Rowlett Creek Maintenance Building	WW22	Unappr.	0	0	700	2,300	0	0	3,000
33031	Rowlett Creek Operations Center Renovation	WW23	Unappr.	0	4,500	0	0	0	0	4,500
	Total			$15,372	$23,095	$13,190	$22,655	$32,155	$45,860	$152,327
	Total Approved			$15,372	$18,345	$12,290	$20,155	$32,005	$42,360	$140,527
	Total Unapproved			0	4,750	900	2,500	150	3,500	11,800
	Total			$15,372	$23,095	$13,190	$22,655	$32,155	$45,860	$152,327

*Project funded for the first time

PAGE NO: **WW01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: PARTICIPATION IN NEW SEWER DEVELOPMENT

PROJECT NO(S).: 32123

ACCOUNT NO(S).: 237-4149-3212300

PROJECT DESCRIPTION

This project provides City participation with developers in construction of oversized sewer mains. Developers must install 8-inch diameter lines and smaller. The incremental cost to install lines that are required by the City to be larger than 8-inch diameter will be funded by the City.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	137,304
TOTAL FUNDED	$	137,304
UNFUNDED	$	100,000
PROJECT TOTAL	$	237,304

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Operating Budget due to reduced maintenance on new lines.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	9	128		50		50		237
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	9	128		50		50		237

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	137							137
Certificates of Obligation								
Other								
Unfunded				50		50		100
TOTAL SOURCES	137			50		50		237

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW02**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: INFILTRATION CORRECTION - VARIOUS

PROJECT NO(S).: 32124, 32124

ACCOUNT NO(S).: 237-4149-3212400, 235-4149-3212400

PROJECT DESCRIPTION

The purpose of this project is for the correction of major sources of infiltration/inflow into the sanitary sewer collection system. The systematic correction of these sources is an ongoing task. The City's sewer collection system is relatively old and continually in need of revitalization to reduce sources of infiltration/inflow, and replacement of substandard mains is essential for known sources.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 576,518
Current Funds	1,400,000
Interest	700,000
TOTAL FUNDED	$ 2,676,518
UNFUNDED	$ 2,800,000
PROJECT TOTAL	$ 5,476,518

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Wastewater Treatment budget due to less infiltration/inflow entering the plants.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	1,331	1,346	700	700	700	700		5,477
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,331	1,346	700	700	700	700		5,477

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,400							1,400
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	577							577
Certificates of Obligation								
Other (Interest)		700						700
Unfunded			700	700	700	700		2,800
TOTAL SOURCES	1,977	700	700	700	700	700		5,477

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: SEWER COLLECTION MAINS - MANHOLES

PROJECT NO(S).: 32147

ACCOUNT NO(S).: 237-4149-3214700

PROJECT DESCRIPTION

This project provides for the replacement, repair, and/or addition of manholes throughout the city to provide access to the sanitary sewer collection system. Epoxy and other chemical materials will be used to rehabilitate the inside of manholes when cost-effective.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	819,102
TOTAL FUNDED	$	819,102
UNFUNDED	$	1,600,000
PROJECT TOTAL	$	2,419,102

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

There is a minor positive impact on the Operating Budget. Replacement of, repair of, or additional manholes provide reduced infiltration/inflow to the collection system when cleaning maintenance is required.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	422	397	400	400	400	400		2,419
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	422	397	400	400	400	400		2,419

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	819							819
Certificates of Obligation								
Other								
Unfunded			400	400	400	400		1,600
TOTAL SOURCES	819		400	400	400	400		2,419

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: SANITARY SEWER TAPS - NEW OR RELOCATIONS

PROJECT NO(S).: 32148

ACCOUNT NO(S).: 237-4149-3214800

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	126,256
Interest		80,000
TOTAL FUNDED	$	206,256
UNFUNDED	$	320,000
PROJECT TOTAL	$	526,256

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Operating Budget by increasing the number of customers and revenue and reducing costs.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	120	86	80	80	80	80		526
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	120	86	80	80	80	80		526

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	126							126
Certificates of Obligation								
Other (Interest)		80						80
Unfunded			80	80	80	80		320
TOTAL SOURCES	126	80	80	80	80	80		526

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW05**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: COLLECTION MAINS

PROJECT NO(S).: 32149

ACCOUNT NO(S).: 237-4149-3214900

PROJECT DESCRIPTION

This project provides replacement of substandard sanitary sewer mains which have deteriorated beyond repair. This includes the installation or expansion of existing sewer collection mains. Costs include labor, materials, outside contractors, engineering design, and all other expenses associated with sanitary sewer main installation/replacement.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 4,527,018
Interest	900,000
Commercial Paper	1,080,000
TOTAL FUNDED	$ 6,507,018
UNFUNDED	$ 4,240,000
PROJECT TOTAL	$ 10,747,018

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

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.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	4,009	2,498	1,080	1,080	1,080	1,000		10,747
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	4,009	2,498	1,080	1,080	1,080	1,000		10,747

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	4,527	1,080						5,607
Certificates of Obligation								
Other (Interest)	900							900
Unfunded			1,080	1,080	1,080	1,000		4,240
TOTAL SOURCES	5,427	1,080	1,080	1,080	1,080	1,000		10,747

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW06**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: SEWER LIFT STATION REHAB

PROJECT NO(S).: 32151

ACCOUNT NO(S).: 237-4149-3215100

PROJECT DESCRIPTION

The objective of this project is to enhance the reliability and extend the useful life of sewer lift station infrastructure through time-phased replacement to maintain useful service levels. Funding in 2015 includes pumping system alterations for Chaha Lift Station.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	356,103
Interest		484,000
TOTAL FUNDED	$	840,103
UNFUNDED	$	400,000
PROJECT TOTAL	$	1,240,103

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

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.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	0	100						100
Land/Right-of-Way								
Construction	290	450	100	100	100	100		1,140
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	290	550	100	100	100	100		1,240

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	356							356
Certificates of Obligation								
Other (Interest)	325	159						484
Unfunded			100	100	100	100		400
TOTAL SOURCES	681	159	100	100	100	100		1,240

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW07**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: CURED-IN-PLACE PIPE MAIN & LATERAL REHAB

PROJECT NO(S).: 32154

ACCOUNT NO(S).: 235-4149-3215400, 237-4149-3215400

PROJECT DESCRIPTION

This project allows for the rehabilitation of both City mainline and lateral lines for pipe sizes from 6-inch up to 30-inch diameter. The process differs from other methods of repair since it is "no dig" construction. Relining sewer pipes improves flow characteristics which reduces stoppages and manhole overflows. Reduction of sanitary sewer overflows (SSOs) is required by State and Federal regulations.

FUNDING SOURCE(S)

Current Funds	$ 1,062,197
Revenue Bonds Issued	700,000
Commercial Paper	700,000
TOTAL FUNDED	$ 2,462,197
UNFUNDED	$ 2,200,000
PROJECT TOTAL	$ 4,662,197

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on both Wastewater Treatment Plants and sanitary sewer collection mains. By reducing infiltration/inflow volume, there is rainwater to be treated. There is reduced maintenance since existing sewer pipe becomes new pipe.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	1,762	700	700	500	500	500		4,662
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	1,762	700	700	500	500	500		4,662

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,062							1,062
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	700	700						1,400
Certificates of Obligation								
Other								
Unfunded			700	500	500	500		2,200
TOTAL SOURCES	1,762	700	700	500	500	500		4,662

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW08**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: RELOCATION OF MAINS PRIOR TO PAVING

PROJECT NO(S).: 32157

ACCOUNT NO(S).: 237-4149-32157XX

PROJECT DESCRIPTION

This project is for the replacement or relocation of substandard sanitary sewer collection mains prior to paving streets or alleys. Replacement is necessary to maintain reliable service, avoid utility conflicts, and allow systematic upgrading to the existing sanitary sewer collection system. This project includes funding for water mains and improvements for Fifth Street (Austin to Main), Austin Street (Fifth to KCS), State Street (Fifth to KCS), Museum Plaza, and other Downtown areas.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 3,171,941
Interest	950,000
Commercial Paper	1,178,000
TOTAL FUNDED	$ 5,299,941
UNFUNDED	$ 4,585,000
PROJECT TOTAL	$ 9,884,941

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Operating Budget due to reduced maintenance on the new lines.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	3,150	2,150	1,735	950	950	950		9,885
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	3,150	2,150	1,735	950	950	950		9,885

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	3,172	1,178						4,350
Certificates of Obligation								
Other (Interest)	950							950
Unfunded			1,735	950	950	950		4,585
TOTAL SOURCES	4,122	1,178	1,735	950	950	950		9,885

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW09**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 1

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: ROWL-I - CAMPBELL TO SHILOH

PROJECT NO(S).: 32161, 32161

ACCOUNT NO(S).: 237-4149-3216100, 236-4149-3216100

PROJECT DESCRIPTION

This project identifies pipe restrictions and increases the capacity from residential neighborhoods to expand the size of interceptor pipelines. This project was identified in the 2008 "Wastewater Management Plan." A section of the project in the Camelot Addition will relocate a sewer line currently bordering ponds and under earthen berms. The existing old pipe will be plugged and abandoned in place. The new location substantially improves the reliability, flow characteristics, and future maintenance access.

FUNDING SOURCE(S)

2007 Revenue Bonds	$	733,375
Interest		270,000
TOTAL FUNDED	$	1,003,375
UNFUNDED	$	4,950,000
PROJECT TOTAL	$	5,953,375

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Operating Budget due to the increased capacity of existing sanitary sewer lines and new sanitary sewer lines. Increased capacity of the interceptor will reduce the possibility of Sanitary Sewer Manhole Overflows.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	43	57	450					550
Land/Right-of-Way								
Construction		903		2,000	2,500			5,403
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	43	960	450	2,000	2,500			5,953

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	733							733
Certificates of Obligation								
Other (Interest)	270							270
Unfunded			450	2,000	2,500			4,950
TOTAL SOURCES	1,003		450	2,000	2,500			5,953

PROJECT SCHEDULE	START	FINISH
Design	3/2014	12/2016
Land/Right-of-Way		
Construction	3/2015	11/2018
Finish Out		
Other		
TOTAL SCHEDULE	3/2014	11/2018

PAGE NO: **WW10**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: LIFT STATION ABANDONMENT

PROJECT NO(S).: 32174

ACCOUNT NO(S).: 237-4149-32174XX

PROJECT DESCRIPTION

This project provides for the design and construction costs to abandon Wynn Joyce Lift Station and construct a 10-inch gravity sewer line.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 2,080,373
Interest	1,010,000
TOTAL FUNDED	$ 3,090,373
UNFUNDED	$
PROJECT TOTAL	$ 3,090,373

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

This project will have a positive impact on the Operating Budget by eliminating operations and maintenance costs associated with lift station operations.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	90	200						290
Land/Right-of-Way								
Construction	600	2,200						2,800
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	690	2,400						3,090

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	2,080							2,080
Certificates of Obligation								
Other (Interest)	100	910						1,010
Unfunded								
TOTAL SOURCES	2,180	910						3,090

PROJECT SCHEDULE	START	FINISH
Design	4/2007	1/2015
Land/Right-of-Way		
Construction	1/2010	12/2015
Finish Out		
Other		
TOTAL SCHEDULE	4/2007	12/2015

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 3, 4

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: DUCK CREEK GREENBELT TRAIL EXTENSION

PROJECT NO(S).: 32181

ACCOUNT NO(S).: 235-4149-3218100

PROJECT DESCRIPTION

The Duck Creek Sanitary Sewer Interceptor excavation will cause some disruption to portions of the City of Garland park land. Restoration to park land includes the construction of a hike and bike trail east of the I.H. 30 corridor and Belt Line Road area. The trail extension provides access for Garland residents to parks, natural areas, and an elementary school along the Duck Creek line.

FUNDING SOURCE(S)

Current Funds	$ 1,454,000
Revenue Bonds Issued	36,026
TOTAL FUNDED	$ 1,490,026
UNFUNDED	$
PROJECT TOTAL	$ 1,490,026

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	51	49						100
Land/Right-of-Way								
Construction		1,310						1,310
Landscaping		80						80
Equip. & Furnish.								
Other								
TOTAL COSTS	51	1,439						1,490

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,454							1,454
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	36							36
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	1,490							1,490

PROJECT SCHEDULE	START	FINISH
Design	4/2008	2/2015
Land/Right-of-Way		
Construction	1/2015	5/2015
Finish Out		
Other		
TOTAL SCHEDULE	4/2008	5/2015

PAGE NO: **WW12**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 4

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: DUCK CREEK INTERCEPTOR REHAB

PROJECT NO(S).: 32183

ACCOUNT NO(S).: 237-4149-3218300

PROJECT DESCRIPTION

A comprehensive engineering plan of CCTV, sonar, and laser technology has identified defects in manholes and pipe. This project will coordinate the rehabiliation of the interceptor to the Duck Creek Wastewater Treatment Plant. A proactive rehabilitation plan over several years will restore the interceptor and extend the useful life of this asset.

FUNDING SOURCE(S)

Revenue Bonds Issued	$	600,000
Interest		100,000
TOTAL FUNDED	$	700,000
UNFUNDED	$	1,640,000
PROJECT TOTAL	$	2,340,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

A failure of the pipe would have significant environmental impact. This project will have a positive impact on the reduction of inflow/infiltration of rainwater into the Duck Creek WWTP.

STRIP MAP

Various locations.

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		20	20	20	220	220	1,240	1,740
Landscaping								
Equip. & Furnish.								
Other	325	275						600
TOTAL COSTS	325	295	20	20	220	220	1,240	2,340

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	600							600
Certificates of Obligation								
Other (Interest)	20		20	20	20	20		100
Unfunded					200	200	1,240	1,640
TOTAL SOURCES	620		20	20	220	220	1,240	2,340

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	3/2015	12/2022
Finish Out		
Other	5/2012	12/2015
TOTAL SCHEDULE	5/2012	12/2022

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 1, 2

DEPARTMENT WASTEWATER COLLECTION

PROJECT TITLE ROWLETT INTERCEPTOR REHAB

PROJECT NO(S). 32184

ACCOUNT NO(S). 237-4149-3218400
236-4197-XXXXXXX

PROJECT DESCRIPTION

A condition assessment of the 48-inch interceptor from George Bush Tollway to the Rowlett Creek Wastewater Treatment Plant was completed in 2011. Since the pipe was constructed in 1971, hydrogen sulfide gas has deteriorated the concrete pipe and manholes. A proactive rehabilitation plan over several years will restore the interceptor and extend the useful life of this asset.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 600,000
Interest	1,060,000
Certificates of Oblig. Issued	6,597
TOTAL FUNDED	$ 1,666,597
UNFUNDED	$ 4,920,000
PROJECT TOTAL	$ 6,586,597

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions _____

Annual Cost/(Savings):
Personnel
Operations
Capital _____
Total _____

IMPACT EXPLANATION

A failure of the pipe would have significant environmental impact. This project will have a positive impact on the reduction of inflow/infiltration of rainwater into the Rowlett WWTP.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	831	836	800	930	1,045	1,025	1,120	6,587
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	831	836	800	930	1,045	1,025	1,120	6,587

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	600							600
Certificates of Obligation	7							7
Other (Interest)	250	810						1,060
Unfunded			800	930	1,045	1,025	1,120	4,920
TOTAL SOURCES	857	810	800	930	1,045	1,025	1,120	6,587

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	12/2012	12/2020
Finish Out		
Other		
TOTAL SCHEDULE	12/2012	12/2020

PAGE NO: **WW14**

New Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 1

DEPARTMENT: WASTEWATER COLLECTION

PROJECT TITLE: S.H. 190 CATALYST AREA

PROJECT NO(S).: 32187

ACCOUNT NO(S).: 237-4149-3218700

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Commercial Paper	$	150,000
TOTAL FUNDED	$	150,000
UNFUNDED	$	850,000
PROJECT TOTAL	$	1,000,000

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		150						150
Land/Right-of-Way								
Construction			850					850
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		150	850					1,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper		150						150
Certificates of Obligation								
Other								
Unfunded			850					850
TOTAL SOURCES		150	850					1,000

PROJECT SCHEDULE	START	FINISH
Design	2/2015	12/2015
Land/Right-of-Way		
Construction	1/2016	12/2016
Finish Out		
Other		
TOTAL SCHEDULE	2/2015	12/2016

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: WASTEWATER TREATMENT

PROJECT TITLE: ROWLETT CREEK WWTP PROCESSES IMPRVMTS.

PROJECT NO(S).: 33028

ACCOUNT NO(S).: 237-4229-33028XX

PROJECT DESCRIPTION

This project provides for improvements to monitoring control systems (SCADA), odor control, structural, and major improvements beginning in 2017 to reduce nutrient discharges as mandated by the EPA/TCEQ.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 4,145,026
TOTAL FUNDED	$ 4,145,026
UNFUNDED	$ 41,100,000
PROJECT TOTAL	$ 45,245,026

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	350	250	100	3,000				3,700
Land/Right-of-Way								
Construction	1,624	1,505	1,000		7,000	10,000	20,000	41,129
Landscaping								
Equip. & Furnish.	266	150						416
Other								
TOTAL COSTS	2,240	1,905	1,100	3,000	7,000	10,000	20,000	45,245

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	4,145							4,145
Certificates of Obligation								
Other								
Unfunded			1,100	3,000	7,000	10,000	20,000	41,100
TOTAL SOURCES	4,145		1,100	3,000	7,000	10,000	20,000	45,245

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: WASTEWATER TREATMENT

PROJECT TITLE: ROWLETT CREEK WWTP REPLACEMENTS/MODS.

PROJECT NO(S).: 33029

ACCOUNT NO(S).: 235-4195-XXXXXXX, 237-4229-3302900

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Current Funds	$ 2,020,000
Revenue Bonds Issued	700,000
Commercial Paper	609,000
TOTAL FUNDED	$ 3,329,000
UNFUNDED	$ 3,900,000
PROJECT TOTAL	$ 7,229,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	100	200	100	100	100			600
Land/Right-of-Way								
Construction	329	2,400	1,300	1,300	1,000			6,329
Landscaping								
Equip. & Furnish.		300						300
Other								
TOTAL COSTS	429	2,900	1,400	1,400	1,100			7,229

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	2,020							2,020
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	700	609						1,309
Certificates of Obligation								
Other								
Unfunded			1,400	1,400	1,100			3,900
TOTAL SOURCES	2,720	609	1,400	1,400	1,100			7,229

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW17**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: WASTEWATER TREATMENT

PROJECT TITLE: DUCK CREEK WWTP REPLACEMENTS/MODS.

PROJECT NO(S).: 34027

ACCOUNT NO(S).: 235-4196-XXXXXXX, 237-4236-3402700

PROJECT DESCRIPTION

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.

FUNDING SOURCE(S)

Current Funds	$	441,279
Revenue Bonds Issued		200,000
Interest		386,000
TOTAL FUNDED	$	1,027,279
UNFUNDED	$	1,500,000
PROJECT TOTAL	$	2,527,279

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	27	800	400	400	400			2,027
Landscaping								
Equip. & Furnish.		200	100	100	100			500
Other								
TOTAL COSTS	27	1,000	500	500	500			2,527

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	441							441
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	200							200
Certificates of Obligation								
Other (Interest)		386						386
Unfunded			500	500	500			1,500
TOTAL SOURCES	641	386	500	500	500			2,527

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): 2

DEPARTMENT: WASTEWATER TREATMENT

PROJECT TITLE: ROWLETT CREEK WWTP BIOSOLIDS EXPANSION

PROJECT NO(S).: 34035

ACCOUNT NO(S).: 236-4239-3403500, 237-4239-3403500

PROJECT DESCRIPTION

This request provides funds for the design, installation, and construction of biosolids handling and treatment equipment. In 2015, we plan to decommission the digesters and perform needed rehabilitation on the gravity belt thickeners and the dewatering building due to corrosion. The CDM Biosolids Study and the Perkins Technical Memorandum have proposed that we upgrade our 25-year-old belt filter presses and related equipment. Upon completion of the building rehabilitation and equipment replacement, the biosolids process (dewatering building, gravity belt thickeners, and sludge tanks) will be fitted for odor control mechanisms.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 93,504
Revenue Bonds Issued	4,876,385
Current Funds	3,330,493
Commercial Paper	11,655,000
TOTAL FUNDED	$ 19,955,382
UNFUNDED	$ 7,350,000
PROJECT TOTAL	$ 27,305,382

IMPACT ON OPERATING BUDGET

☑ Will Impact
☐ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

Due to increased sludge quantities, Operating Budget fund requirements will increase for dewatering chemicals, added electrical power demand of these new process units, and maintenance costs. These costs will be accounted for in the current Operating Budget.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	1,700	450	350					2,500
Land/Right-of-Way								
Construction	305	17,500	7,000					24,805
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	2,005	17,950	7,350					27,305

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	3,330							3,330
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	4,876	11,655						16,531
Certificates of Obligation	94							94
Other								
Unfunded			7,350					7,350
TOTAL SOURCES	8,300	11,655	7,350					27,305

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

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Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): N/A

DEPARTMENT: WASTEWATER TREATMENT

PROJECT TITLE: DUCK CREEK WWTP PROCESSES IMPROVEMENTS

PROJECT NO(S).: 34038

ACCOUNT NO(S).: 236-4239-3403800, 237-4239-34038XX

PROJECT DESCRIPTION

This project provides for improvements to monitoring control systems (SCADA), aeration basin additional air capacity, additional generator capacity, and major improvements beginning in 2018 to reduce nutrient discharges as mandated by the EPA/TCEQ.

FUNDING SOURCE(S)

Certificates of Oblig. Issued	$ 352,559
Revenue Bonds Issued	1,768,098
Current Funds	400,000
Interest	817,000
TOTAL FUNDED	$ 3,337,657
UNFUNDED	$ 42,700,000
PROJECT TOTAL	$ 46,037,657

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

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.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design		100	100	100	4,000			4,300
Land/Right-of-Way								
Construction	1,144	500	500	500		17,000	20,000	39,644
Landscaping								
Equip. & Furnish.	594	1,000	500					2,094
Other								
TOTAL COSTS	1,738	1,600	1,100	600	4,000	17,000	20,000	46,038

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	400							400
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	1,768							1,768
Certificates of Obligation	353							353
Other (Interest)	817							817
Unfunded			1,100	600	4,000	17,000	20,000	42,700
TOTAL SOURCES	3,338		1,100	600	4,000	17,000	20,000	46,038

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **WW20**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT WASTEWATER TREATMENT

PROJECT TITLE DUCK CREEK LABORATORY BUILDING DEMOLITION

PROJECT NO(S). 34039

ACCOUNT NO(S). 237-4239-3403900

PROJECT DESCRIPTION

Demolition of the old Duck Creek Laboratory building.

FUNDING SOURCE(S)

Current Funds	$	200,000
TOTAL FUNDED	$	200,000
UNFUNDED	$	
PROJECT TOTAL	$	200,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

There will no longer be maintenance and upkeep on this vacant building.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction		200						200
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS		200						200

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	200							200
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded								
TOTAL SOURCES	200							200

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction	3/2015	9/2015
Finish Out		
Other		
TOTAL SCHEDULE	3/2015	9/2015

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Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) 6, 8

DEPARTMENT WASTEWATER COLLECTION

PROJECT TITLE WALNUT-I

PROJECT NO(S). 32186

ACCOUNT NO(S). 237-4149-3218600

PROJECT DESCRIPTION

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. An Engineering Drainage CIP beginning in 2016 will provide for construction improvements in the creek channel. The 2008 "Wastewater Management Plan" identified that the pipe has limited flow capacity and needs to be replaced.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$
UNFUNDED	$ 4,300,000
PROJECT TOTAL	$ 4,300,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

The location of the pipe in the creek bed has limited access and prevents routine maintenance. Relocation of the pipe is essential. Age and condition of any pipe can eventually allow rainwater to enter into the pipe. This causes additional costs at a waterwater treatment plant, loss of pipe capacity, and potential sewage backups into customers' homes or businesses.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design			250		200	150		600
Land/Right-of-Way								
Construction				200			3,500	3,700
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS			250	200	200	150	3,500	4,300

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)								
Unfunded			250	200	200	150	3,500	4,300
TOTAL SOURCES			250	200	200	150	3,500	4,300

PROJECT SCHEDULE	START	FINISH
Design	3/2016	1/2019
Land/Right-of-Way		
Construction	5/2017	12/2020
Finish Out		
Other		
TOTAL SCHEDULE	3/2016	12/2020

PAGE NO: **WW22**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT WASTEWATER TREATMENT

PROJECT TITLE ROWLETT CREEK MAINTENANCE BUILDING

PROJECT NO(S). 33030

ACCOUNT NO(S). 237-4229-3303000

PROJECT DESCRIPTION

The current Maintenance housing area is 20 years old and has outlived its useful life cycle. This new building will provide more functionality for the Maintenance staff while addressing the need for additional capacity and modernizing the aging infrastructure.

FUNDING SOURCE(S)

$

TOTAL FUNDED	$
UNFUNDED	$ 3,000,000
PROJECT TOTAL	$ 3,000,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design				200				200
Land/Right-of-Way								
Construction				500	2,000			2,500
Landscaping								
Equip. & Furnish.					300			300
Other								
TOTAL COSTS				700	2,300			3,000

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded				700	2,300			3,000
TOTAL SOURCES				700	2,300			3,000

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2017	10/2018

PAGE NO: **WW23**

Unfunded Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S) N/A

DEPARTMENT WASTEWATER TREATMENT

PROJECT TITLE ROWLETT CREEK OPERATIONS CENTER RENOV.

PROJECT NO(S). 33031

ACCOUNT NO(S). 237-4229-3303100

PROJECT DESCRIPTION

The current Operations building is 30 years old and in need of renovation. This new renovation will provide more functionality for the Operations staff while addressing the need for additional capacity and modernizing the aging infrastructure.

FUNDING SOURCE(S) $

TOTAL FUNDED	$
UNFUNDED	$ 4,500,000
PROJECT TOTAL	$ 4,500,000

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction			4,200					4,200
Landscaping								
Equip. & Furnish.			300					300
Other								
TOTAL COSTS			4,500					4,500

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			4,500					4,500
TOTAL SOURCES			4,500					4,500

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	1/2016	12/2016

ELECTRIC DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
APPROVED PROJECTS

PROJ. NO.	Project Description	Page	Funding Source	Thru 12/31/14	2015	2016	2017	2018	2019	2020 to Completion	Project Total
31387	Transmission Lines	E01	CF/RB/INT/UNF	$7,920	$18,039	$44,400	$78,598	$24,900	$2,150	$0	$176,007
31223	Communications Upgrades/Improvements	E02	CF/RB/INT/UNF	255	533	175	100	0	450	0	1,513
31240	Residential Construction	E03	CF/UNF	322	418	412	433	455	478	0	2,518
31320	Commercial and Industrial Construction	E04	CF/RB/UNF	876	1,450	1,430	1,502	1,577	1,656	0	8,491
31460	Street and Thoroughfare Lighting	E05	CF/UNF	184	1,451	1,434	1,504	1,580	1,657	0	7,810
31491	Relocation of Facilities	E06	CF/UNF	596	894	882	926	972	1,020	0	5,290
31531	Distribution Lines - Overhead	E07	CF/UNF	1,230	2,553	2,520	2,646	2,779	2,918	0	14,646
31551	Production	E08	CF/INT	232	435	0	0	0	0	0	667
31621	Distribution Lines - Underground	E09	CF/RB/UNF	5,010	7,384	6,940	7,086	7,241	7,404	0	41,065
31717	Substations Upgrades	E10	RB/Othr/INT/UNF	8,679	15,420	2,054	970	870	800	0	28,793
31885	Various Improvements	E11	CF/RB	1,101	208	0	0	0	0	0	1,309
	Total			$26,405	$48,785	$60,247	$93,765	$40,374	$18,533	$0	$288,109

Total Existing CO's/RB's/Current Funds/Interest	$26,405	$36,293	$0	$0	$0	$0	$0	$62,698
Total 2015 Revenue Bonds/Commerical Paper	0	12,492	0	0	0	0	0	12,492
Unfunded	0	0	60,247	93,765	40,374	18,533	0	212,919
Total	$26,405	$48,785	$60,247	$93,765	$40,374	$18,533	$0	$288,109

Note: Projects constructed on behalf of and reimbursed by the Texas Municipal Power Agency (TMPA) are not included in the Electric Capital Improvement Program.

ELECTRIC DETAIL PROJECT SUMMARY
(Calendar Year 2015)
(In 000's Dollars)
DEBT ISSUANCE REQUIREMENTS

PROJ. NO.	Project Description	Page	Project Status	2015	2016	2017	2018	2019	2020 to Completion	Project Total
31387	Transmission Lines	E01	Appr.	$5,600	$44,400	$78,598	$24,900	$2,150	$0	$155,648
31223	Communications Upgrades/Improvements	E02	Appr.	0	175	100	0	450	0	725
31240	Residential Construction	E03	Appr.	0	412	433	455	478	0	1,778
31320	Commercial and Industrial Construction	E04	Appr.	0	1,430	1,502	1,577	1,656	0	6,165
31460	Street and Thoroughfare Lighting	E05	Appr.	0	1,434	1,504	1,580	1,657	0	6,175
31491	Relocation of Facilities	E06	Appr.	0	882	926	972	1,020	0	3,800
31531	Distribution Lines - Overhead	E07	Appr.	0	2,520	2,646	2,779	2,918	0	10,863
31621	Distribution Lines - Underground	E09	Appr.	0	6,940	7,086	7,241	7,404	0	28,671
31717	Substations Upgrades	E10	Appr.	6,892	2,054	970	870	800	0	11,586
31885	Various Improvements	E11	Appr.	0	0	0	0	0	0	0
	Total			$12,492	$60,247	$93,765	$40,374	$18,533	$0	$225,411
	Total Approved			$12,492	$60,247	$93,765	$40,374	$18,533	$0	$225,411
	Total Unapproved			0	0	0	0	0	0	0
	Total			$12,492	$60,247	$93,765	$40,374	$18,533	$0	$225,411

PAGE NO: **E01**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: TRANSMISSION LINES

PROJECT NO(S).: 31387, 31386

ACCOUNT NO(S).: 215-3591-3138701, 217-3599-3138601

PROJECT DESCRIPTION

The Transmission Lines Program includes funding for new construction and upgrades for the GP&L transmission system. For 2015, continuing Transmission projects include College-Lawler 69 kV to 138 kV line upgrades, Shiloh-McCree & Wynn Joyce line relocations and upgrades, Olinger to Wylie East transmission circuit construction, Olinger-Elm Grove-Firewheel line improvements, and upgrades to Kraft transmission. New projects for 2015 include Limestone to Gibbons Creek transmission, Apollo to East Richardson line rating increase, Firewheel to Apollo line construction to serve a new GP&L/ONCOR switching station.

FUNDING SOURCE(S)

Current Funds	$ 500,000
Interest	377,087
Revenue Bonds Issued	5,135,596
Commercial Paper	19,946,586
TOTAL FUNDED	$ 25,959,269
UNFUNDED	$150,048,000
PROJECT TOTAL	$176,007,269

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	1,160	2,000	980	700	650	500		5,990
Land/Right-of-Way	748	20	70					838
Construction	4,776	10,622	38,225	71,673	23,425	825		149,546
Landscaping								
Equip. & Furnish.	690	5,373	5,125	6,225	825	825		19,063
Other Services	546	24						570
TOTAL COSTS	7,920	18,039	44,400	78,598	24,900	2,150		176,007

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	500							500
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	19,482	5,600						25,082
Certificates of Obligation								
Other (Interest)	377							377
Unfunded			44,400	78,598	24,900	2,150		150,048
TOTAL SOURCES	20,359	5,600	44,400	78,598	24,900	2,150		176,007

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E02

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: COMMUNICATIONS UPGRADES/IMPROVEMENTS

PROJECT NO(S).: 31223, 31282

ACCOUNT NO(S).: 215-3699-3122300, 217-3699-3128201

PROJECT DESCRIPTION

The Communications Upgrades/Improvements Program includes funding for software, hardware, and equipment upgrades to the GP&L system needed to meet Electric Reliability Council of Texas (ERCOT) and regulatory requirements and to enhance overall system reliability. ERCOT mandates software changes necessary to maintain communications between GP&L and ERCOT. Funding for 2015 includes provisions for cyber security intrusion protection, call tracking to allow for increased customer communications and aiding in trouble shooting and power restoration, and upgrades to the GP&L Emergency Management System.

FUNDING SOURCE(S)

Current Funds	$	79,047
Interest		214,710
Revenue Bonds Issued		359,117
Commercial Paper		134,911
TOTAL FUNDED	$	787,785
UNFUNDED	$	725,000
PROJECT TOTAL	$	1,512,785

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	10							10
Land/Right-of-Way								
Construction								
Landscaping								
Equip. & Furnish.	245	533	175	100		450		1,503
Other								
TOTAL COSTS	255	533	175	100		450		1,513

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	79							79
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	494							494
Certificates of Obligation								
Other (Interest)	215							215
Unfunded			175	100		450		725
TOTAL SOURCES	788		175	100		450		1,513

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **E03**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: RESIDENTIAL CONSTRUCTION

PROJECT NO(S).: 31240

ACCOUNT NO(S).: 217-3291-3124001

PROJECT DESCRIPTION

The Residential Construction Program provides for the replacement of overhead and underground residential services as needed due to system aging and failures and installation of new ERT meters.

FUNDING SOURCE(S)

Current Funds	$	492,406
Cash Transfer - GPL		248,000
TOTAL FUNDED	$	740,406
UNFUNDED	$	1,778,000
PROJECT TOTAL	$	2,518,406

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	60	98	103	108	114	119		602
Land/Right-of-Way								
Construction	112	173	155	163	171	179		953
Landscaping								
Equip. & Furnish.	150	147	154	162	170	180		963
Other								
TOTAL COSTS	322	418	412	433	455	478		2,518

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	492	248						740
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			412	433	455	478		1,778
TOTAL SOURCES	492	248	412	433	455	478		2,518

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **E04**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: COMMERCIAL AND INDUSTRIAL CONSTRUCTION

PROJECT NO(S).: 31320, 31320

ACCOUNT NO(S).: 215-3292-3132001, 217-3292-3132001

PROJECT DESCRIPTION

The Commercial and Industrial Construction Program provides for the construction of aerial and underground electrical distribution facilities necessary to provide electric service to commercial and industrial customers. Funding for 2015 will be utilized for commercial load using underground service at additional apartment complexes to be built at Firewheel Town Center and throughout the city, Downtown Garland redevelopment, and several new restaurants.

FUNDING SOURCE(S)

Current Funds	$ 1,098,161
Cash Transfer - GPL	1,078,000
Commercial Paper	149,610
TOTAL FUNDED	$ 2,325,771
UNFUNDED	$ 6,165,000
PROJECT TOTAL	$ 8,490,771

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	125	341	358	376	395	415		2,010
Land/Right-of-Way								
Construction	364	598	536	563	591	621		3,273
Landscaping								
Equip. & Furnish.	387	511	536	563	591	620		3,208
Other								
TOTAL COSTS	876	1,450	1,430	1,502	1,577	1,656		8,491

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,098	1,078						2,176
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	150							150
Certificates of Obligation								
Other								
Unfunded			1,430	1,502	1,577	1,656		6,165
TOTAL SOURCES	1,248	1,078	1,430	1,502	1,577	1,656		8,491

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E05

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: STREET AND THOROUGHFARE LIGHTING

PROJECT NO(S).: 31460

ACCOUNT NO(S).: 215-3299-3146001

PROJECT DESCRIPTION

This project 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 2015 CIP includes the new LED Streetlight Conversion project that will convert existing street lighting throughout the city to LED-type lighting.

FUNDING SOURCE(S)

Current Funds	$ 1,211,114
Cash Transfer - GPL	424,000
TOTAL FUNDED	$ 1,635,114
UNFUNDED	$ 6,175,000
PROJECT TOTAL	$ 7,810,114

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	159	341	358	376	395	414		2,043
Land/Right-of-Way								
Construction	12	599	538	564	593	622		2,928
Landscaping								
Equip. & Furnish.	13	511	538	564	592	621		2,839
Other								
TOTAL COSTS	184	1,451	1,434	1,504	1,580	1,657		7,810

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,211	424						1,635
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			1,434	1,504	1,580	1,657		6,175
TOTAL SOURCES	1,211	424	1,434	1,504	1,580	1,657		7,810

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E06

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: RELOCATION OF FACILITIES

PROJECT NO(S).: 31491

ACCOUNT NO(S).: 215-3293-3149101

PROJECT DESCRIPTION

The Relocation of Facilities Program provides funding for the relocation of GP&L facilities as required for City street projects. Anticipated and ongoing projects for 2015 include work on County projects, Shiloh Road, and citywide side street projects to allow for street widening and repair.

FUNDING SOURCE(S)

Current Funds	$ 1,099,332
Cash Transfer - GPL	391,000
TOTAL FUNDED	$ 1,490,332
UNFUNDED	$ 3,800,000
PROJECT TOTAL	$ 5,290,332

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions ____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

Relocation does not normally affect maintenance but may reduce future maintenance costs due to replacement of older facilities.

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	75	210	220	231	242	254		1,232
Land/Right-of-Way								
Construction	321	369	331	348	365	383		2,117
Landscaping								
Equip. & Furnish.	200	315	331	347	365	383		1,941
Other								
TOTAL COSTS	596	894	882	926	972	1,020		5,290

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,099	391						1,490
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			882	926	972	1,020		3,800
TOTAL SOURCES	1,099	391	882	926	972	1,020		5,290

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E07	*Continuing Project*	CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST	*Amounts in 000's $	COUNCIL DISTRICT(S) All

DEPARTMENT	PROJECT TITLE	PROJECT NO(S).	ACCOUNT NO(S).
ELECTRIC	DISTRIBUTION LINES - OVERHEAD	31531	215-3299-3153101

PROJECT DESCRIPTION

The Distribution Lines - Overhead Program is used to build new overhead line sections where necessary to meet load growth due to residential, commercial, or industrial expansion within the GP&L service area. Projects for 2015 include the rebuild of five Shiloh Substation feeders, North American Electric Reliability Corporation (NERC) compliance projects, the upgrade of several single-phase laterals identified from faults that occurred on the system, and for pole and transformer replacements due to aging and system reliability needs.

FUNDING SOURCE(S)

Current Funds	$ 1,738,097
Cash Transfer - GPL	2,045,000
TOTAL FUNDED	$ 3,783,097
UNFUNDED	$ 10,863,000
PROJECT TOTAL	$ 14,646,097

IMPACT ON OPERATING BUDGET

☐ Will Impact
☑ Will Not Impact
# of Positions ____

Annual Cost/(Savings):
Personnel
Operations
Capital
Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	200	600	630	662	695	730		3,517
Land/Right-of-Way								
Construction	430	1,053	945	992	1,042	1,094		5,556
Landscaping								
Equip. & Furnish.	600	900	945	992	1,042	1,094		5,573
Other								
TOTAL COSTS	1,230	2,553	2,520	2,646	2,779	2,918		14,646

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	1,738	2,045						3,783
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other								
Unfunded			2,520	2,646	2,779	2,918		10,863
TOTAL SOURCES	1,738	2,045	2,520	2,646	2,779	2,918		14,646

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **E08**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: PRODUCTION

PROJECT NO(S).: 31551

ACCOUNT NO(S).: 215-3449-3155101, 217-3449-3155101

PROJECT DESCRIPTION

The Production Program includes funding for reliability, facility, and equipment upgrades as well as to address security, regulatory, and environmental compliance. Projects for 2015 include cooling tower refurbishing at the Spencer Power Plant; weatherization upgrades at the Olinger Plant for heat tracing and winter sheltering around sensitive equipment; and refurbishing of water pumps, air systems, and compressors at the Olinger Plant for continued reliability.

FUNDING SOURCE(S)

Current Funds	$	596,362
Interest		70,434
TOTAL FUNDED	$	666,796
UNFUNDED	$	
PROJECT TOTAL	$	666,796

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design								
Land/Right-of-Way								
Construction	232	435						667
Landscaping								
Equip. & Furnish.								
Other								
TOTAL COSTS	232	435						667

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	596							596
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper								
Certificates of Obligation								
Other (Interest)	71							71
Unfunded								
TOTAL SOURCES	667							667

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E09

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: DISTRIBUTION LINES - UNDERGROUND

PROJECT NO(S).: 31621

ACCOUNT NO(S).: 215-3299-3162101

PROJECT DESCRIPTION

The Distribution Lines - Underground Program includes funding for the replacement of primary underground cable and the construction of new underground distribution lines in locations where overhead construction is prohibited. Projects for 2015 include replacement of 100,000 feet of 2/0 underground primary cable, Wynn Joyce Substation feeders, underground construction for the Downtown City Center project, Naaman High School project, and feeder extensions at Firewheel and Telecom Parkway. Finally, this project includes funding to replace aging and failing fault-locating and cable-testing equipment needed to maintain the underground electric system.

FUNDING SOURCE(S)

Current Funds	$ 6,340,473
Cash Transfer - GPL	4,407,000
Commercial Paper	1,646,727
TOTAL FUNDED	$ 12,394,200
UNFUNDED	$ 28,671,000
PROJECT TOTAL	$ 41,065,200

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	200	775	809	844	881	920		4,429
Land/Right-of-Way								
Construction	2,663	4,021	3,642	3,699	3,759	3,823		21,607
Landscaping								
Equip. & Furnish.	2,147	2,588	2,489	2,543	2,601	2,661		15,029
Other								
TOTAL COSTS	5,010	7,384	6,940	7,086	7,241	7,404		41,065

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	6,340	4,407						10,747
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	1,647							1,647
Certificates of Obligation								
Other								
Unfunded			6,940	7,086	7,241	7,404		28,671
TOTAL SOURCES	7,987	4,407	6,940	7,086	7,241	7,404		41,065

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: E10

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: SUBSTATIONS UPGRADES

PROJECT NO(S).: 31717

ACCOUNT NO(S).: 217-3299-3171701

PROJECT DESCRIPTION

The Substations Upgrades Program includes funding for construction, upgrades, and improvements to GP&L Substations. Continuing projects for 2015 include the construction of the Lookout Substation and Wylie 138 kV Switchyard, improvements to the Kraft Substation Loop, rebuild of the Wynn Joyce Substation to increase reliability, and continuing replacement of breakers at all substations. New 2015 projects include upgrades to the Apollo Substation to accommodate the Apollo to East Richardson transmission line upgrades.

FUNDING SOURCE(S)

Revenue Bonds Issued	$ 1,633,218
Reimbursement/Interest	8,579
Commercial Paper	22,457,142
TOTAL FUNDED	$ 24,098,939
UNFUNDED	$ 4,694,000
PROJECT TOTAL	$ 28,792,939

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital _____

Total _____

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	221	580	90	100	100	100		1,191
Land/Right-of-Way								
Construction	6,191	6,723	575	335	285	265		14,374
Landscaping		70						70
Equip. & Furnish.	1,910	8,036	1,389	535	485	435		12,790
Other	357	11						368
TOTAL COSTS	8,679	15,420	2,054	970	870	800		28,793

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds								
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	17,198	6,892						24,090
Certificates of Obligation								
Other (Interest/Reimb.)	9							9
Unfunded			2,054	970	870	800		4,694
TOTAL SOURCES	17,207	6,892	2,054	970	870	800		28,793

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

PAGE NO: **E11**

Continuing Project

CITY OF GARLAND - 2015 CAPITAL PROJECT REQUEST

*Amounts in 000's $

COUNCIL DISTRICT(S): All

DEPARTMENT: ELECTRIC

PROJECT TITLE: VARIOUS IMPROVEMENTS

PROJECT NO(S).: 31875, 31884

ACCOUNT NO(S).: 215-3699-3187501, 217-3299-3188401

PROJECT DESCRIPTION

The Various Improvements Program includes funding for the final expansion of the GP&L Operations building, testing equipment, and the upgrade of GP&L's Geographic Information System.

FUNDING SOURCE(S)

Current Funds	$ 728,350
Revenue Bonds Issued	568,721
Commercial Paper	11,708
TOTAL FUNDED	$ 1,308,779
UNFUNDED	$
PROJECT TOTAL	$ 1,308,779

IMPACT ON OPERATING BUDGET

☐ Will Impact

☑ Will Not Impact

# of Positions _____

Annual Cost/(Savings):

Personnel

Operations

Capital

Total

IMPACT EXPLANATION

STRIP MAP

*PROJECT COSTS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Design	101							101
Land/Right-of-Way								
Construction	536							536
Landscaping								
Equip. & Furnish.	357	50						407
Other	107	158						265
TOTAL COSTS	1,101	208						1,309

*SOURCE OF FUNDS	Thru 12-2014	2015	2016	2017	2018	2019	2020 to Completion	Total
Current Funds	728							728
GO's/Com Paper Issued								
GO's Unissued								
RB's/Com Paper	581							581
Certificates of Obligation								
Other (Interest)								
Unfunded								
TOTAL SOURCES	1,309							1,309

PROJECT SCHEDULE	START	FINISH
Design		
Land/Right-of-Way		
Construction		
Finish Out		
Other		
TOTAL SCHEDULE	(Ongoing	Project)

APPENDICES

Appendix A

Ordinance Adopting 2015 CIP
(Ordinance No. 6761)

ORDINANCE NO. 6761

AN ORDINANCE OF THE CITY OF GARLAND, TEXAS, APPROVING AND ADOPTING THE CAPITAL IMPROVEMENT PROGRAM FOR 2015, PROVIDING BUDGETARY APPROPRIATIONS FOR THE VARIOUS CAPITAL FUNDS OF THE CITY, AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, on February 17, 2015, the City Manager submitted a Proposed Capital Improvement Program (CIP) for the City for 2015; 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; and

WHEREAS, public hearings were held on the Proposed CIP on February 21, 2015, and March 3, 2015, 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, Council made such changes to the Proposed CIP which in their judgment are 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 (CIP) for 2015, 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	$ 6,325,000
B. Street/Transportation Project Appropriations	28,652,000
C. Drainage Project Appropriations	4,885,000
D. Library Project Appropriations	2,886,000

E.	Public Safety Project Appropriations	$15,685,000
F.	Economic Development Project Appropriations	10,113,000
G.	Municipal Facilities and Miscellaneous Project Appropriations	9,212,000
H.	Landfill/Transfer Station Project Appropriations	1,312,000
I.	Environmental Waste Services Project Appropriations	2,957,000
J.	Stormwater Management Project Appropriations	500,000
K.	Internal Services Project Appropriations	827,000
L.	Water Project Appropriations	21,142,000
M.	Wastewater Project Appropriations	39,490,000
N.	Electric Project Appropriations	48,785,000

Section 2

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

PASSED AND APPROVED this 3rd day of March, 2015.

THE CITY OF GARLAND, TEXAS

By: _____
Mayor

ATTEST:

_____
City Secretary

Appendix B

Capital Improvement Bond Referendums by Proposition

CAPITAL IMPROVEMENT BOND REFERENDUMS
BY PROPOSITION

GENERAL OBLIGATION CAPITAL IMPROVEMENT PROGRAM

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.

Voted and Approved May 4, 1991

Proposition No. 1

The issuance of $42,496,500 General Obligation Street and Drainage Bonds.

Proposition No. 2

The issuance of $6,744,000 General Obligation Parks & Recreation Bonds (including downtown complex for senior citizens, youth center, and science and technology center).

Proposition No. 3

The issuance of $7,226,086 General Obligation Bonds for Public Safety Improvements (Police and Fire buildings and safety maintenance facility).

Appendix C

Summary of Programs

SUMMARY OF PROGRAMS
(In 000's Dollars)

	2015	2016	2017	2018	2019	2020 to Completion	Total Request
PARK							
Prior Approved G.O./C.P.	$2,853	$0	$0	$0	$0	$0	$2,853
New Debt G.O./C.P.	548	1,977	1,730	425	0	9,046	13,726
New Debt C.O.	140	0	0	0	0	0	140
Other Sources	2,784	0	280	0	0	0	3,064
Unfunded	0	910	1,410	755	250	4,790	8,115
	$6,325	$2,887	$3,420	$1,180	$250	$13,836	$27,898
STREET & TRANSPORTATION							
Prior Approved G.O./C.P.	$8,150	$714	$0	$0	$0	$0	$8,864
New Debt G.O./C.P.	1,450	10,094	5,875	2,581	4,788	44,484	69,272
New Debt C.O.	3,283	0	0	0	0	0	3,283
Other Sources	15,769	20,594	5,700	0	0	0	42,063
Unfunded	0	4,106	5,279	3,555	4,237	14,987	32,164
	$28,652	$35,508	$16,854	$6,136	$9,025	$59,471	$155,646
DRAINAGE							
Prior Approved G.O./C.P.	$888	$0	$0	$0	$0	$0	$888
New Debt G.O./C.P.	1,378	2,391	500	488	1,000	6,371	12,128
New Debt C.O.	0	0	0	0	0	0	0
Other Sources	2,619	0	0	0	0	0	2,619
Unfunded	0	0	0	0	0	2,200	2,200
	$4,885	$2,391	$500	$488	$1,000	$8,571	$17,835
LANDFILL/TRANSFER STATION							
New Debt C.O.	$534	$0	$0	$0	$0	$0	$534
Other Sources	778	0	0	0	0	0	778
Unfunded	0	2,425	1,347	1,290	1,164	0	6,226
	$1,312	$2,425	$1,347	$1,290	$1,164	$0	$7,538

SUMMARY OF PROGRAMS
(In 000's Dollars)

	2015	2016	2017	2018	2019	2020 to Completion	Total Request
LIBRARY							
New Debt C.O.	$1,071	$0	$0	$0	$0	$0	$1,071
Other Sources	1,815	468	75	0	0	0	2,358
Unfunded	0	1,198	1,893	1,050	1,050	1,050	6,241
	$2,886	$1,666	$1,968	$1,050	$1,050	$1,050	$9,670
PUBLIC SAFETY							
Prior Approved G.O./C.P.	$776	$0	$0	$0	$0	$0	$776
New Debt G.O./C.P.	0	0	0	0	0	1,025	1,025
New Debt C.O.	8,703	0	0	0	0	0	8,703
Other Sources	6,206	0	0	0	0	0	6,206
Unfunded	0	5,555	1,928	367	2,355	21,712	31,917
	$15,685	$5,555	$1,928	$367	$2,355	$22,737	$48,627
ECONOMIC DEVELOPMENT							
Prior Approved G.O./C.P.	$279	$0	$0	$0	$0	$0	$279
New Debt G.O./C.P.	900	2,097	620	521	880	6,255	11,273
New Debt C.O.	0	0	0	0	0	0	0
Other Sources	8,934	749	87	0	0	0	9,770
Unfunded	0	0	2,500	0	0	1,673	4,173
	$10,113	$2,846	$3,207	$521	$880	$7,928	$25,495
MUNICIPAL FACILITIES & MISC. TAX SUPPORTED							
New Debt C.O.	$2,968	$0	$0	$0	$0	$0	$2,968
Other Sources	6,244	83	0	0	0	0	6,327
Unfunded	0	2,284	1,900	2,150	1,950	0	8,284
	$9,212	$2,367	$1,900	$2,150	$1,950	$0	$17,579

SUMMARY OF PROGRAMS
(In 000's Dollars)

	2015	2016	2017	2018	2019	2020 to Completion	Total Request
TOTAL GENERAL FUND							
Prior Approved G.O./C.P.	$12,946	$714	$0	$0	$0	$0	$13,660
New Debt G.O./C.P.	4,276	16,559	8,725	4,015	6,668	67,181	107,424
New Debt C.O.	16,699	0	0	0	0	0	16,699
Other Sources	45,149	21,894	6,142	0	0	0	73,185
Total Funded Projects	$79,070	$39,167	$14,867	$4,015	$6,668	$67,181	$210,968
Unfunded	0	16,478	16,257	9,167	11,006	46,412	99,320
TOTAL	$79,070	$55,645	$31,124	$13,182	$17,674	$113,593	$310,288
MISC. REVENUE SUPPORTED & INTERNAL SERVICE							
New Debt C.O.	$0	$0	$0	$0	$0	$0	$0
Other Sources	827	0	0	0	0	0	827
Unfunded	0	250	0	0	0	0	250
	$827	$250	$0	$0	$0	$0	$1,077
EWS GROUP - DELIVERY							
New Debt C.O.	$2,593	$0	$0	$0	$0	$0	$2,593
Other Sources	364	0	0	0	0	0	364
Unfunded	0	2,832	2,843	1,875	2,365	0	9,915
	$2,957	$2,832	$2,843	$1,875	$2,365	$0	$12,872
STORMWATER MANAGEMENT							
New Debt C.O.	$500	$0	$0	$0	$0	$0	$500
Other Sources	0	0	0	0	0	0	0
Unfunded	0	500	500	500	500	0	2,000
	$500	$500	$500	$500	$500	$0	$2,500

SUMMARY OF PROGRAMS
(In 000's Dollars)

	2015	2016	2017	2018	2019	2020 to Completion	Total Request
WATER							
New Debt C.P.	$15,548	$0	$0	$0	$0	$0	$15,548
Other Sources	5,594	0	0	0	0	0	5,594
Unfunded	0	11,375	7,375	5,775	5,775	7,000	37,300
	$21,142	$11,375	$7,375	$5,775	$5,775	$7,000	$58,442
WASTEWATER							
New Debt C.P.	$15,372	$0	$0	$0	$0	$0	$15,372
Other Sources	24,118	20	20	20	20	0	24,198
Unfunded	0	23,095	13,190	22,655	32,155	45,860	136,955
	$39,490	$23,115	$13,210	$22,675	$32,175	$45,860	$176,525
ELECTRIC							
New Debt C.P.	$12,492	$0	$0	$0	$0	$0	$12,492
Prior Approved C.P.	20,320	0	0	0	0	0	20,320
Other Sources	15,973	0	0	0	0	0	15,973
Unfunded	0	60,247	93,765	40,374	18,533	0	212,919
	$48,785	$60,247	$93,765	$40,374	$18,533	$0	$261,704
TOTAL UTILITY FUNDS							
New Debt C.P.	$43,412	$0	$0	$0	$0	$0	$43,412
Prior Approved C.P.	20,320	0	0	0	0	0	20,320
New Debt C.O.	3,093	0	0	0	0	0	3,093
Other Sources	46,049	20	20	20	20	0	46,129
Total Funded Projects	$112,874	$20	$20	$20	$20	$0	$112,954
Unfunded	0	98,049	117,673	71,179	59,328	52,860	399,089
TOTAL	$112,874	$98,069	$117,693	$71,199	$59,348	$52,860	$512,043

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

Appendix D

CIP Fund Allocation

CIP FUND ALLOCATION
BY PROGRAM

	Existing Funding	Percent	Continuation Funding	Percent	New Funding	Percent	Total Project
Park	$4,398	69.5%	$1,636	25.9%	$291	4.6%	$6,325
Street/Transportation	12,309	43.0%	12,006	41.9%	4,337	15.2%	28,652
Drainage	2,807	57.5%	2,078	42.5%	0	0.0%	4,885
Library	1,395	48.3%	1,491	51.7%	0	0.0%	2,886
Public Safety	2,266	14.4%	13,419	85.6%	0	0.0%	15,685
Economic Development	8,445	83.5%	1,568	15.5%	100	1.0%	10,113
Landfill/Transfer Station	0	0.0%	0	0.0%	1,312	99.9%	1,312
Other	5,307	57.6%	3,765	40.9%	140	1.5%	9,212
Total	$36,927	46.7%	$35,963	45.5%	$6,180	7.8%	$79,070
Misc. Rev. & Internal Service	$827	62.3%	$0	0.0%	$500	37.7%	$1,327
EWS Group - Delivery	0	0.0%	0	0.0%	2,957	100.0%	2,957
Water	4,134	19.6%	17,008	80.4%	0	0.0%	21,142
Wastewater	21,073	53.4%	18,267	46.3%	150	0.4%	39,490
Electric	27,700	56.8%	21,085	43.2%	0	0.0%	48,785
Total	$53,734	47.3%	$56,360	49.6%	$3,607	3.2%	$113,701
Grand Total	$90,661	47.0%	$92,323	47.9%	$9,787	5.1%	$192,771

Funding in Thousands

CIP FUND ALLOCATION
BY PROJECT
2015

		Page	Existing Funding	Continuation Funding	New Project Funding	Project Total
Park						
18213	Atrium Renovations	P01	$130,000			$130,000
18170	Various Park Improvements	P02	$18,000			$18,000
18209	Trail Development	P03	548,000	1,089,000		1,637,000
18318	Surf & Swim Aquatic Facility Expansion	P04	152,000			152,000
18320	Granger Recreation Center & Annex Renovation	P05	299,000	310,000		609,000
18324	Bradfield, Wynne, & Holford Pools	P06	87,000			87,000
18325	Audubon Recreation Center Expansion	P07	80,000	160,000		240,000
18329	Tuckerville Park Sports Field Development	P09	10,000			10,000
18330	Skating/Skateboard Facility	P10		48,000		48,000
18331	Expand Centralized Irrigation/Lighting Control	P11			30,000	30,000
18332	Land Acquisition	P12	600,000			600,000
18337	Windsurf Bay Park	P16	685,000			685,000
18338	Playground Improvements	P17	345,000	29,000		374,000
18345	Repaving of Parking Lots for Parks Dept.	P18	1,195,000			1,195,000
18346	Central Park - Park Opers. Facil. Imprvmts.	P19	179,000			179,000
18347	Dog Park	P20	70,000			70,000
18348	Park Lighting Improvements - Parking Lots	P21			36,000	36,000
18349	Downtown Square - Fountain/Pool Paving	P22			85,000	85,000
18350	Fencing - Audubon and Winters Soccer Complexes	P23			140,000	140,000
	Total Park		$4,398,000	$1,636,000	$291,000	$6,325,000
Street/Transportation						
14176	New Sidewalks	ST01	$80,000	$350,000		$430,000
14200	Street and Alley Petition	ST02	250,000	75,000		325,000
14202	Sidewalk / Curb & Gutter Participation	ST03	110,000	323,000		433,000
14257	Pleasant Valley - Firewheel Pkwy. to Richfield	ST05	687,000	3,342,000		4,029,000
14261	Oates Road - Broadway to Rosehill	ST06	850,000			850,000
14263	Dairy Road - E. Celeste to Broadway	ST07	250,000			250,000
14272	Bobtown Road - Rowlett to Waterhouse	ST11	265,000	85,000		350,000
14279	Northwest Highway - Centerville to La Prada	ST13	349,000	2,833,000		3,182,000
14288	Shiloh Road - I.H. 635 to Kingsley	ST14	4,056,000	160,000		4,216,000
14292	Pleasant Valley Road Bridge	ST15	3,487,000	2,613,000		6,100,000
14294	Miller Road Bridge	ST16	215,000			215,000
14300	Fifth Street - Miller to Kingsley	ST17	75,000	0		75,000
14301	Screen Wall Reconstruction	ST18	120,000			120,000
14302	Brand Road Alignment Study	ST19	50,000	850,000		900,000
14303	Waterhouse - Bobtown to Hayman	ST20			400,000	400,000
15640	Operational and Safety Improvements	ST21	252,000	450,000		702,000
15217	Miscellaneous Equipment and Services	ST22	55,000			55,000
15600	New Traffic Signal Installations	ST23	62,000	300,000		362,000
15544	LED Replacement Program	ST24	50,000	50,000		100,000
15530	Traffic Control System	ST25	219,000	275,000		494,000
15546	Emergency Services Signal Equipment	ST26	52,000	50,000		102,000
15578	Railroad Crossing Improvements	ST27	197,000			197,000
15596	North-South Bikeway	ST28	310,000			310,000
15620	Signal Equipment Modernizations	ST29	160,000	250,000		410,000
15751	Train Quiet Zone	ST30	108,000			108,000
14304	LBJ Sound Wall Aesthetics	ST31			500,000	500,000
39815	Chandler Drive - Cedar Dr. to Ewing Dr.	ST32			219,000	219,000
39816	Alamo Lane - Northwood Dr. to Sylvan Dr.	ST33			185,000	185,000
39817	Edgefield Drive - First St. to Third St.	ST34			250,000	250,000
39818	Street Reconstruction and Improvements	ST35			2,783,000	2,783,000
	Total Street/Transportation		$12,309,000	$12,006,000	$4,337,000	$28,652,000

CIP FUND ALLOCATION
BY PROJECT
2015

		Page	Existing Funding	Continuation Funding	New Project Funding	Project Total
Drainage						
14230	Miscellaneous Flooding	D01	$261,000	$450,000		$711,000
14231	Petition Drainage	D02	548,000	557,000		1,105,000
14244	Classic and Yale	D03		100,000		100,000
14246	Parkmont Drive	D05	79,000	271,000		350,000
14248	Bridge Remediation	D07	648,000	700,000		1,348,000
14299	Downtown Drainage Improvements	D08	1,271,000			1,271,000
	Total Drainage		$2,807,000	$2,078,000	$0	$4,885,000
Library						
19580	Library Materials	L01	$327,000	$800,000		$1,127,000
19581	Facilities Upgrades	L02	462,000	385,000		847,000
19584	Central Library Parking Lot Lighting	L03	321,000			321,000
19585	Central Library Fire Upgrades	L04	285,000	231,000		516,000
19587	RFID Service Delivery	L05		75,000		75,000
	Total Library		$1,395,000	$1,491,000	$0	$2,886,000
Public Safety						
12032	Fire Station No. 5	PS01	$1,751,000	2,882,000		4,633,000
12107	Ambulance Remounts	PS04	193,000	331,000		524,000
12058	Replace Fire Apparatus	PS05	190,000	1,396,000		1,586,000
12108	Emergency Response Safety Equip./Svc.	PS06	37,000	235,000		272,000
23047	Radio System Replacement	PS07	95,000	8,575,000		8,670,000
	Total Public Safety		$2,266,000	$13,419,000	$0	$15,685,000
Economic Development						
10046	Land/Property Acquisition	ED01	$70,000			$70,000
10027	Downtown Streetscape & Redevelop. Design	ED02	965,000	255,000		1,220,000
10034	Neighborhood Vitality Grant Program	ED04	279,000	500,000		779,000
10042	Downtown Gateways	ED05			100,000	100,000
10043	Downtown Square Design & Construction	ED06		300,000		300,000
10127	Walnut Street Pedestrian Corridor	ED09	1,116,000			1,116,000
10136	City Center Development	ED10	6,015,000	513,000		6,528,000
	Total Economic Development		$8,445,000	$1,568,000	$100,000	$10,113,000
Municipal Facilities and Miscellaneous Tax Supported						
Facilities Management						
16037	HVAC Replacement/Upgrade	MF01	$305,000	$375,000		$680,000
16038	Roof Replacement	MF02	466,000	150,000		616,000
16039	Facilities Upgrade	MF03	1,171,000			1,171,000
16057	Fire Alarm, Fire Safety and Security Systems	MF04	126,000	190,000		316,000
16062	Parking Lot Upgrades	MF05	402,000	300,000		702,000
16063	City Hall HVAC System Replacement	MF06	258,000			258,000
16066	Carver 3 Renovation	MF07	5,000	1,025,000		1,030,000
16104	City Hall Code/Safety Updates	MF08	1,304,000			1,304,000
Firewheel						
36529	Firewheel Golf Park Equipment	MF09		210,000		210,000
36530	Firewheel Golf Park Improvements	MF10	70,000	250,000		320,000
Public and Media Affairs						
16084	CGTV - Upgrades	MF12	1,168,000	937,000		2,105,000
Street						
39811	Infrastructure Equipment	MF13	32,000	328,000		360,000
39818	Cover for Sanding Material	MF14			140,000	140,000
	Total Mun. Fac. and Misc. Tax Supported		$5,307,000	$3,765,000	$140,000	$9,212,000

CIP FUND ALLOCATION
BY PROJECT
2015

		Page	Existing Funding	Continuation Funding	New Project Funding	Project Total
Miscellaneous Revenue Supported and Internal Service						
EWS Group - Delivery						
21070	95-Gal. Recycling Containers - Phase 4 thru 6	M01			$562,000	$562,000
21068	Replacement of Side-Load Residential Trucks	M02			906,000	906,000
21069	Replacement of Recycling Truck	M03			302,000	302,000
21071	Replacement of Rear-Load Residential Trucks	M04			519,000	519,000
21073	Replacement of Knuckle Boom Trucks	M05			363,000	363,000
21072	Replacement of Brush Trailers	M06			127,000	127,000
21073	Replacement of Brush Tractor Trucks	M07			178,000	178,000
Fleet Services						
19030	Fuel System Upgrade	M09	272,000			272,000
19033	Fleet Customer Waiting Area / Break Room	M10	145,000			145,000
Communications						
23045	Extend Fiber Optic Cable	M11	117,000			117,000
Management Information Services						
23019	Network and Cabling Upgrades	M12	179,000			179,000
23056	Relocation of ITS to DDI Building	M13	79,000			79,000
23058	City Hall UPS Upgrade / Data Center Renovation	M14	35,000			35,000
Stormwater Management						
39818	Stormwater Maintenance Equipment	M15			500,000	500,000
	Total Misc. Rev. Supported and Internal Service		$827,000	$0	$3,457,000	$4,284,000
Landfill/Transfer Station						
17154	Replacement of Landfill Equipment	EW01			675,000	675,000
17155	Replacement of Transfer Station Equipment	EW02			637,000	637,000
	Total Landfill/Transfer Station		$0	$0	$1,312,000	$1,312,000
Water						
30190	Transmission Mains (16-Inch and Above)	W01	$317,000	$1,000,000		$1,317,000
30191	Distribution Lines (Up to 14-Inch)	W02	500,000	2,500,000		3,000,000
30192	Relocation of Mains Prior to Paving	W03	500,000	4,700,000		5,200,000
30195	Relocation of Mains Prior to Storm Sewer Install.	W04	225,000			225,000
30197	Water Pump Station Rehab	W05	302,000	2,148,000		2,450,000
30205	Fire Hydrant Installation	W06	90,000	60,000		150,000
30206	New Water Service Installation	W07	38,000	300,000		338,000
30207	Upgrade Undersized Water Mains	W08		900,000		900,000
30208	Water Distribution Line Replacement	W09		500,000		500,000
30213	Radio Read Water Meter Retrofit	W10	300,000	500,000		800,000
30216	Country Club Road Water Transmission Mains	W11	46,000	300,000		$346,000
30222	West Pressure Plane Improvements	W12	1,000,000	4,100,000		5,100,000
30225	Water Utilities Field Opns. Bldg. Remodel	W13	116,000			$116,000
30231	Pleasant Valley Water Main	W14	700,000			700,000
	Total Water		$4,134,000	$17,008,000	$0	$21,142,000

CIP FUND ALLOCATION
BY PROJECT
2015

		Page	Existing Funding	Continuation Funding	New Project Funding	Project Total
Wastewater						
Wastewater Collection						
32123	Participation In New Sewer Development	WW01	$128,000			$128,000
32124	Infiltration Correction - Various	WW02	646,000	700,000		1,346,000
32147	Sewer Collection Mains - Manholes	WW03	397,000			397,000
32148	Sanitary Sewer Taps - New or Relocations	WW04	6,000	80,000		86,000
33031	Collection Mains	WW05	1,418,000	1,080,000		2,498,000
32151	Sewer Lift Station Rehab	WW06	391,000	159,000		550,000
32154	Cured-in-Place Pipe Main & Lateral Rehab	WW07		700,000		700,000
32157	Relocation of Mains Prior to Paving	WW08	972,000	1,178,000		2,150,000
32161	Rowl-I - Campbell to Shiloh	WW09	960,000			960,000
32174	Lift Station Abandonment	WW10	1,490,000	910,000		2,400,000
32181	Duck Creek Greenbelt Trail Extension	WW11	1,439,000			1,439,000
32183	Duck Creek Interceptor Rehab	WW12	295,000			295,000
32184	Rowlett Interceptor Rehab	WW13	26,000	810,000		836,000
32187	S.H. 190 Catalyst Area	WW14			150,000	150,000
Wastewater Treatment						
33028	Rowlett Creek WWTP Processes Improvements	WW15	$1,905,000			$1,905,000
33029	Rowlett Creek WWTP Replacements/Mods.	WW16	2,291,000	609,000		2,900,000
34027	Duck Creek WWTP Replacements/Mods.	WW17	614,000	386,000		1,000,000
34035	Rowlett Creek WWTP Biosolids Expansion	WW18	6,295,000	11,655,000		17,950,000
34038	Duck Creek WWTP Processes Improvements	WW19	1,600,000			1,600,000
33030	Duck Creek Laboratory Building Demolition	WW20	200,000			200,000
	Total Wastewater		$21,073,000	$18,267,000	$150,000	$39,490,000
Electric						
31387	Transmission Lines	E01	$12,439,000	$5,600,000		$18,039,000
31223	Communications Upgrades/Improvements	E02	533,000			533,000
31240	Residential Construction	E03	170,000	248,000		418,000
31320	Commercial and Industrial Construction	E04	372,000	1,078,000		1,450,000
31460	Street and Thoroughfare Lighting	E05	1,027,000	424,000		1,451,000
31491	Relocation of Facilities	E06	503,000	391,000		894,000
31531	Distribution Lines - Overhead	E07	508,000	2,045,000		2,553,000
31551	Production	E08	435,000			435,000
31621	Distribution Lines - Underground	E09	2,977,000	4,407,000		7,384,000
31717	Substations Upgrades	E10	8,528,000	6,892,000		15,420,000
31885	Various Improvements	E11	208,000			208,000
	Total Electric		$27,700,000	$21,085,000	$0	$48,785,000
	Total		$90,661,000	$92,323,000	$9,787,000	$192,771,000

Appendix E

Downtown Catalyst Area Improvements – Phase 2

DOWNTOWN CATALYST AREA IMPROVEMENTS
PHASE 2
(In 000's Dollars)

Page No.		FUNDING REQUIRED	Estimates as of 2014	Projections as of 2015	Change
		City Center Development			
ED10	*	Parking Structure	$ 6,943	$ 7,130	$ 187
ED10		Relocation of Heritage Park (Includes Lyles House)	1,407	1,586	179
ED10		City Hall Façade	7,506	7,506	-
ED10	*	Downtown Streetscape for Austin/State	258	258	-
ED10	*	Site Preparation	430	430	-
ED10		Arts Plaza	500	500	-
		Sub-Total City Center Development	**$ 17,044**	**$ 17,410**	**$ 366**
		Infrastructure			
Complete		Water Improvements	$ 781	$ 804	$ 23
D08	*	Street and Drainage Improvements	1,754	1,754	-
ED09		Walnut Pedestrian Corridor	1,458	1,458	-
E09		Relocation of Electric Underground	817	900	83
		Sub-Total Infrastructure	**$ 4,810**	**$ 4,916**	**$ 106**
		City Facilities Improvements			
L03		Library Parking Lot Lighting	$ 350	$ 350	$ -
ED02	*	Streetscape for Fifth Street	440	635	195
M13		City Hall UPS Upgrade / Data Center Renovation	420	420	-
MF12		Sound Studio / CGTV Upgrades	1,955	1,955	-
MF08		City Hall Code/Safety Upgrades	2,010	2,010	-
Complete		Facilities Demolition	150	150	-
		Sub-Total City Facilities Improvements	**$ 5,325**	**$ 5,520**	**$ 195**
		Total Downtown Catalyst Area Improvements	**$ 27,179**	**$ 27,846**	**$ 667**
		FUNDING SOURCES			
		One-Time Funds Earmarked for Economic Developmei	$ 13,592	$ 13,592	$ -
		Available CIP Funds	5,656	6,217	561
		Downtown TIF-Supported Debt	3,000	3,000	-
		Downtown TIF Funds Available	1,278	1,278	-
		Infrastructure Funding in Utility CIP	1,598	1,704	106
		Restricted Use Funds (PEG, Tree Mitigation)	2,055	2,055	-
		Total Funding Sources	**$ 27,179**	**$ 27,846**	**$ 667**

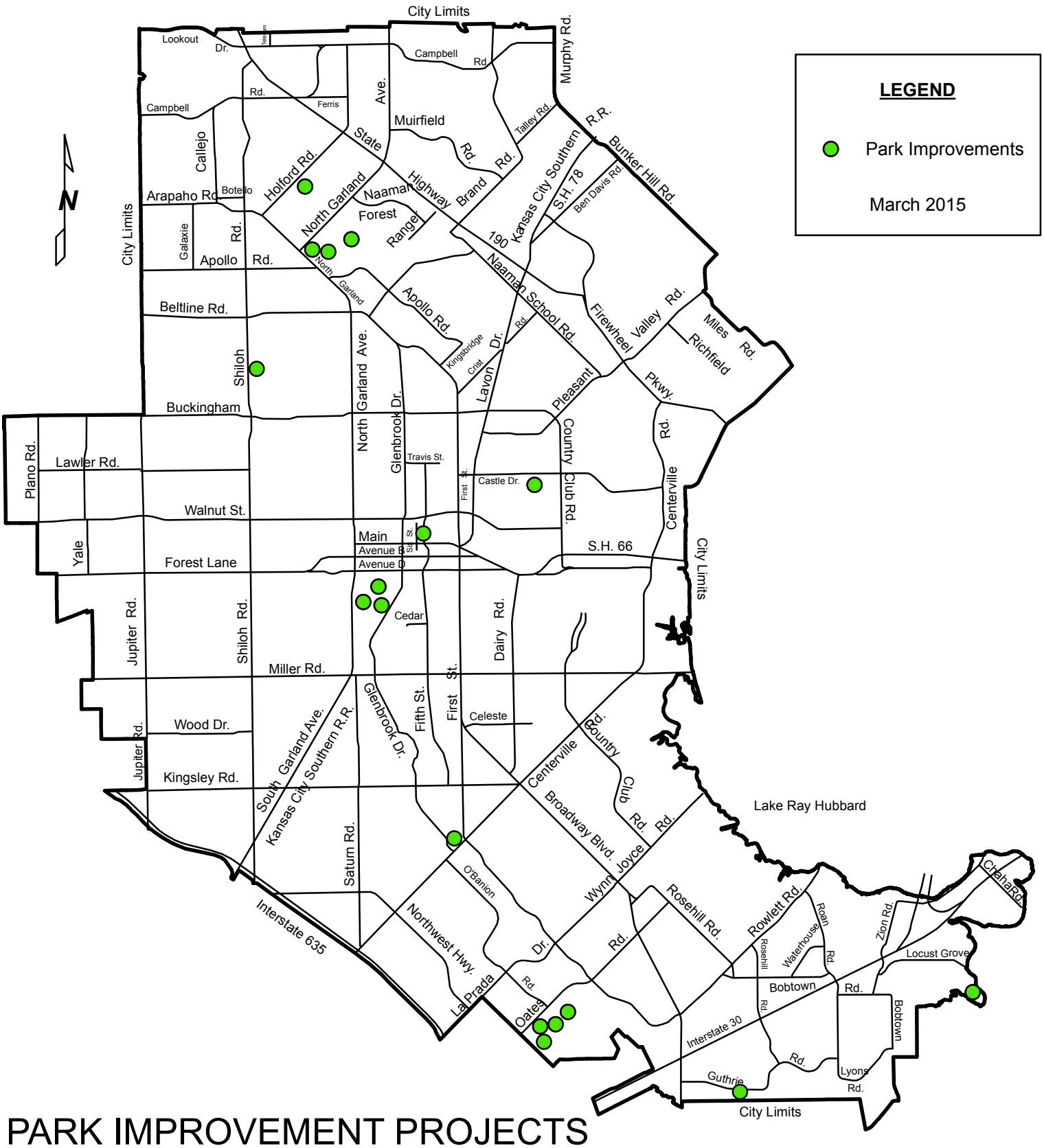
Note: The $666,000 change from 2014 includes the addition of the relocation of Lyles House and will be covered by existing CIP funds. No new debt is required.

* Net of Developer Contributions

Appendix F

Maps

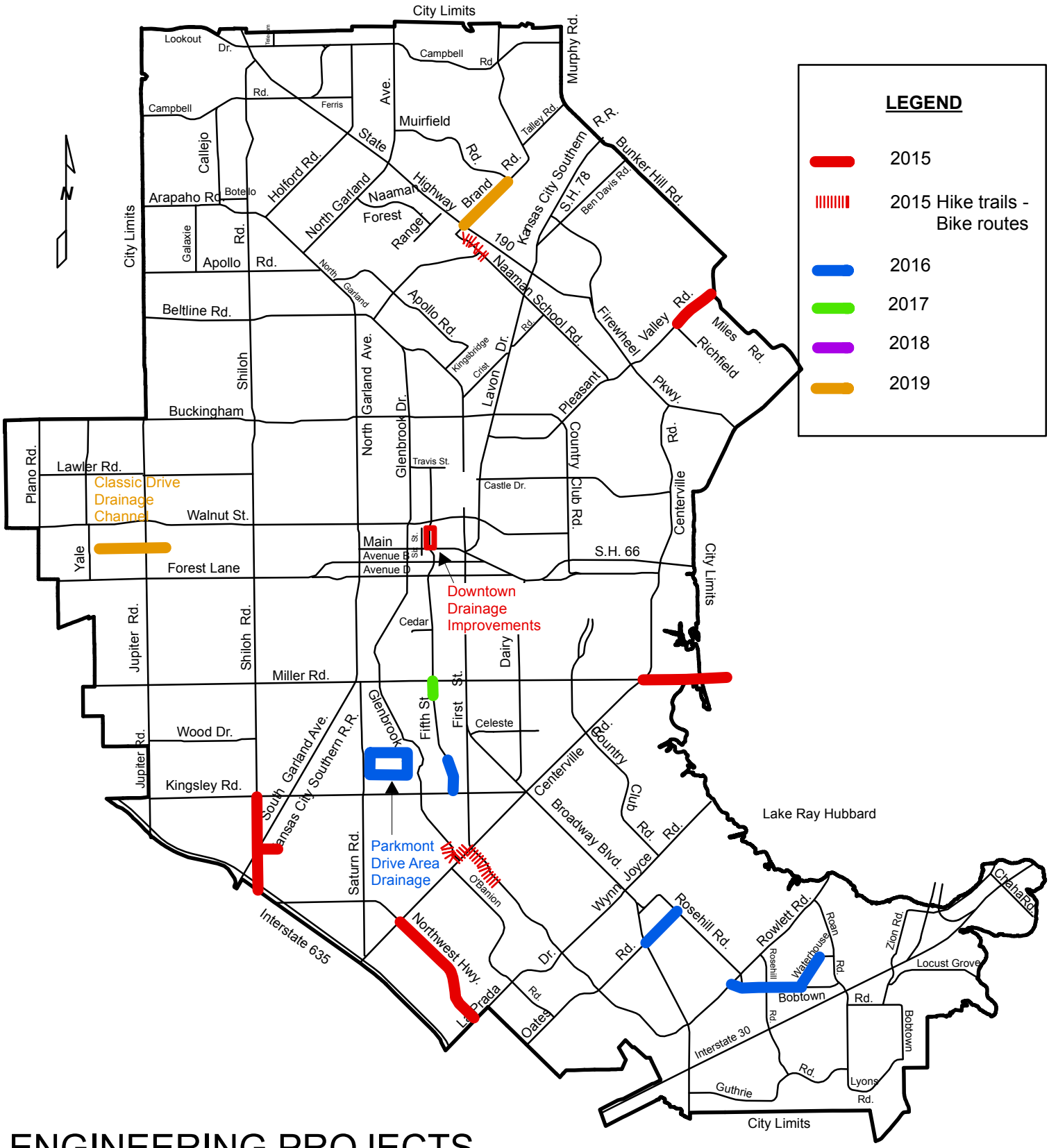
2015
CAPITAL IMPROVEMENTS PROGRAM



PARK IMPROVEMENT PROJECTS

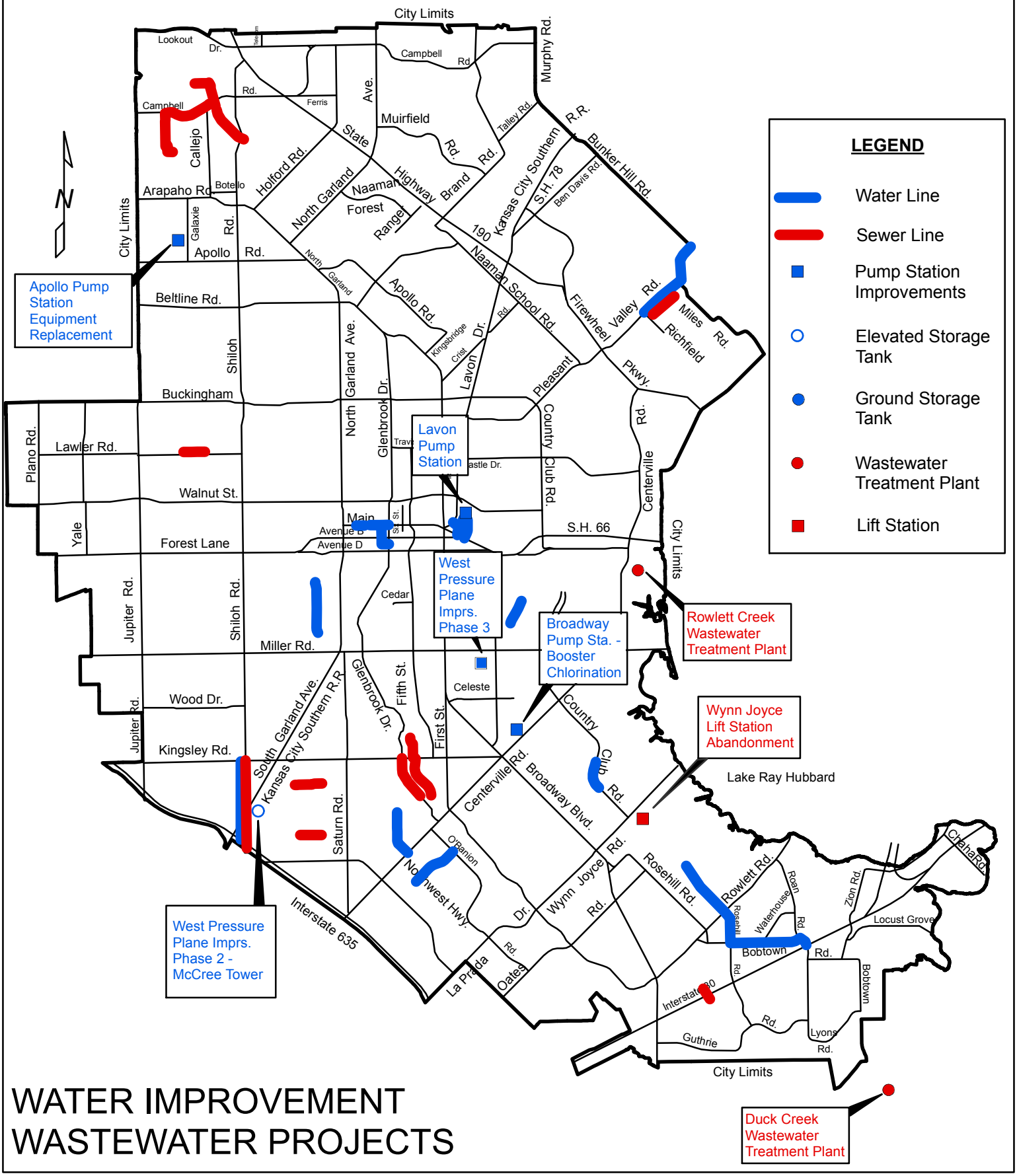
Appendix F-1

2015
CAPITAL IMPROVEMENTS PROGRAM
5-YEAR CONSTRUCTION PLAN



ENGINEERING PROJECTS

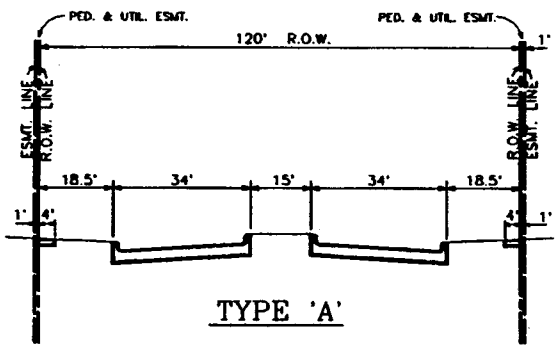
2015
CAPITAL IMPROVEMENTS PROGRAM



WATER IMPROVEMENT
WASTEWATER PROJECTS

Appendix G

Roadway Classifications



TYPE 'A'

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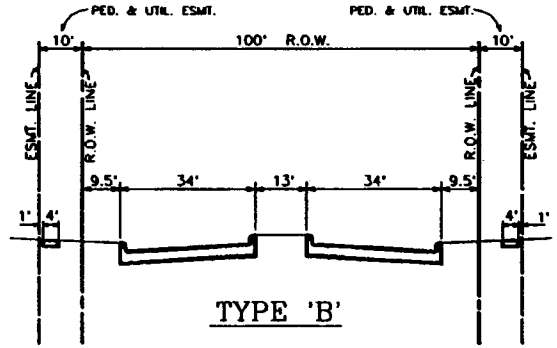
- PEDESTRIAN & UTILITY EASEMENT WIDTH = 1.5'
- DESIGN SPEED = 45 MPH



TYPE 'B'

- R.O.W. WIDTH = 100'
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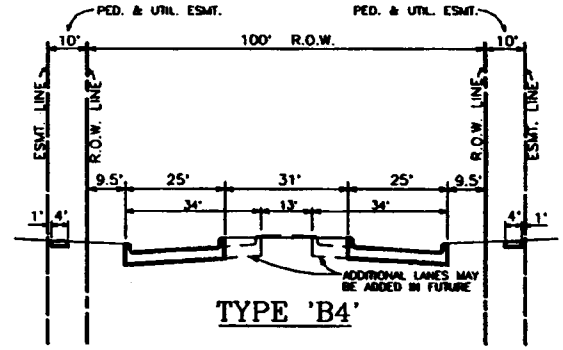
- PEDESTRIAN & UTILITY EASEMENT WIDTH = 10'
- DESIGN SPEED = 45 MPH



TYPE 'B4'

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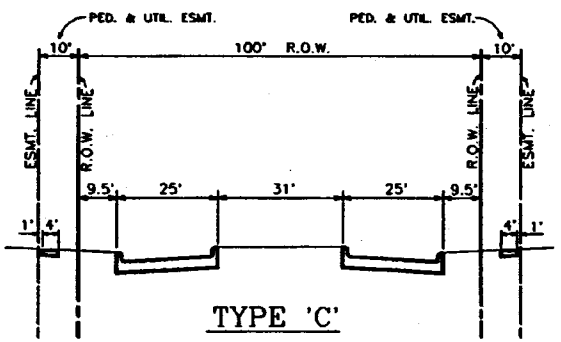
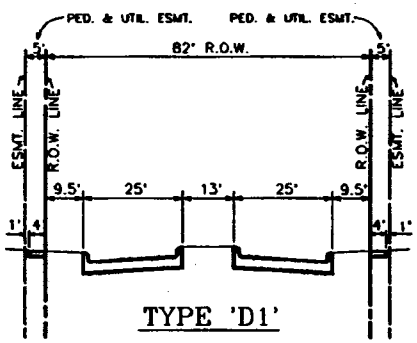


TYPE 'C'

- R.O.W. WIDTH = 100'
- VEHICLE CAPACITY: 29,000 VEHICLES PER DAY
- PEDESTRIAN & UTILITY EASEMENT WIDTH = 10'
- DESIGN SPEED = 40 MPH



TYPE 'D1'

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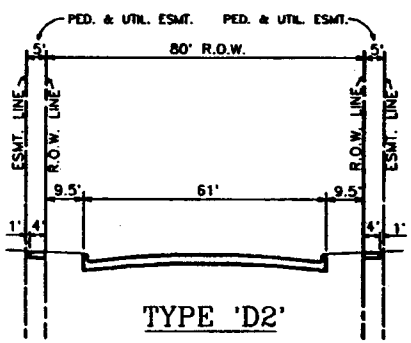
- PEDESTRIAN & UTILITY EASEMENT WIDTH = 5'
- DESIGN SPEED = 40 MPH



TYPE 'D2'

- R.O.W. WIDTH = 80'
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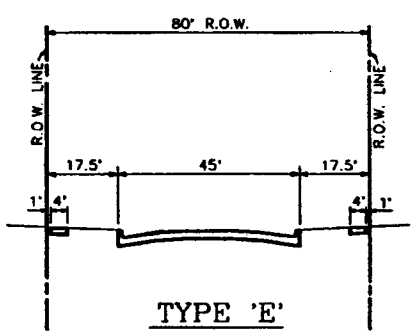
- PEDESTRIAN & UTILITY EASEMENT WIDTH = 5'
- DESIGN SPEED = 35 MPH



TYPE 'E'

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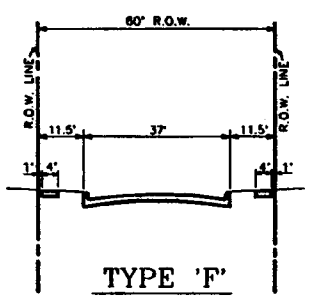

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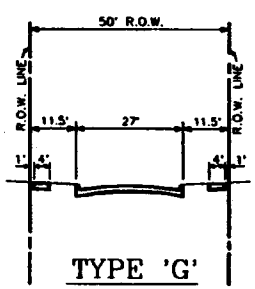

TYPE 'G'

- VEHICLE CAPACITY: 8,000 VEHICLES PER DAY
- R.O.W. WIDTH = 50'
- DESIGN SPEED = 30 MPH

Appendix G-1