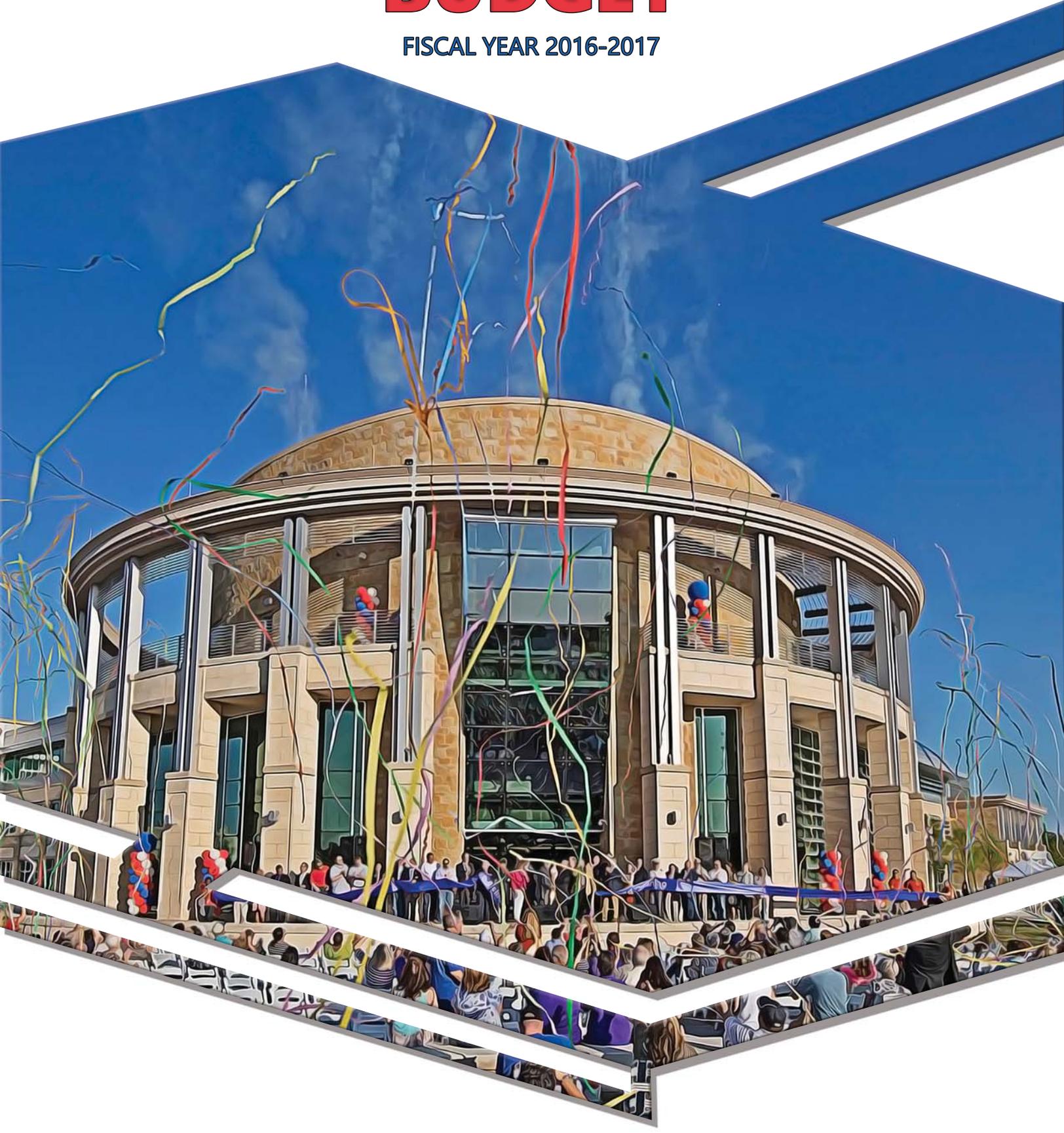


CITY OF NORTH RICHLAND HILLS, TEXAS

CAPITAL PROJECTS BUDGET

FISCAL YEAR 2016-2017



About The Cover

North Richland Hills' new City Hall has consolidated into one campus city services that were once housed in six buildings on three different campuses, two of which were impacted by the Loop 820 widening. The 182,000-square-foot facility includes about 89,000 square feet for Public Safety operations, about 78,500 square feet for City Hall and about 14,500 square feet for Municipal Court. Construction of the new City Hall was approved by North Richland Hills voters in 2012. Our new City Hall opened on March 29, 2016 and the grand opening ceremony was held on May 13, 2016.

*Cover Designed by
Budget and Research Department
City of North Richland Hills, Texas*

Cover Photos: Courtesy of Communications Department

City of North Richland Hills

Capital Projects Budget Fiscal Year 2016/2017

This budget will raise more revenue from property taxes than last year's budget by an amount of \$2,276,004, which is a 9.10 percent increase from last year's budget. The property tax revenue to be raised from new property added to the tax roll this year is \$755,293.

Record Vote of Each Council Member					
Name	Place	For	Against	Abstain	Absent
Oscar Trevino	Mayor	Votes in the case of a tie			
Tim Welch	Mayor Pro Tem, Place 7	X			
Sixto "Tito" Rodriguez	Place 1	X			
Rita Wright Oujesky	Place 2	X			
Tom Lombard	Place 3	X			
Dr. Tim Barth	Place 4	X			
David Whitson	Place 6	X			
Scott Turnage	Place 6	X			

Tax Rate	Adopted FY 2015/2016	Proposed FY 2016/2017
Property Tax Rate	\$0.610000 / \$100	\$0.610000 / \$100
Effective Tax Rate	\$0.664683 / \$100	\$0.583909 / \$100
Effective M&O Tax Rate	\$0.340745 / \$100	\$0.322308 / \$100
Rollback Tax Rate	\$0.613273 / \$100	\$0.610009 / \$100
Debt Rate	\$0.245269 / \$100	\$0.261917 / \$100

The total amount of municipal debt obligations secured by property taxes for the City of North Richland Hills is \$152,570,195.

Visit our website at: www.nrhtx.com

City of North Richland Hills

Capital Budget Fiscal Year 2016/2017

City Council

T. Oscar Trevino, Mayor

Tim Welch, Mayor Pro Tem

Tito Rodriguez, Place 1

Rita Wright Oujesky, Place 2

Tom Lombard, Place 3

Dr. Tim Barth, Place 4

David Whitson, Place 5

Scott Turnage, Place 6

City Staff Members

Mark Hindman

City Manager

Karen R. Bostic

Assistant City Manager

Paulette Hartman

Assistant City Manager

Jimmy Perdue

Director of Public Safety

Mike Curtis

Managing Director

Vickie Loftice

Managing Director

Mark C. Mills

Director of Budget & Research

Jennipher Castellanos

Senior Budget Analyst

Chris Smith

Budget Analyst

Kristin James

Assistant to the City Manager

Lavanya Hariharasubramonian

Budget Intern

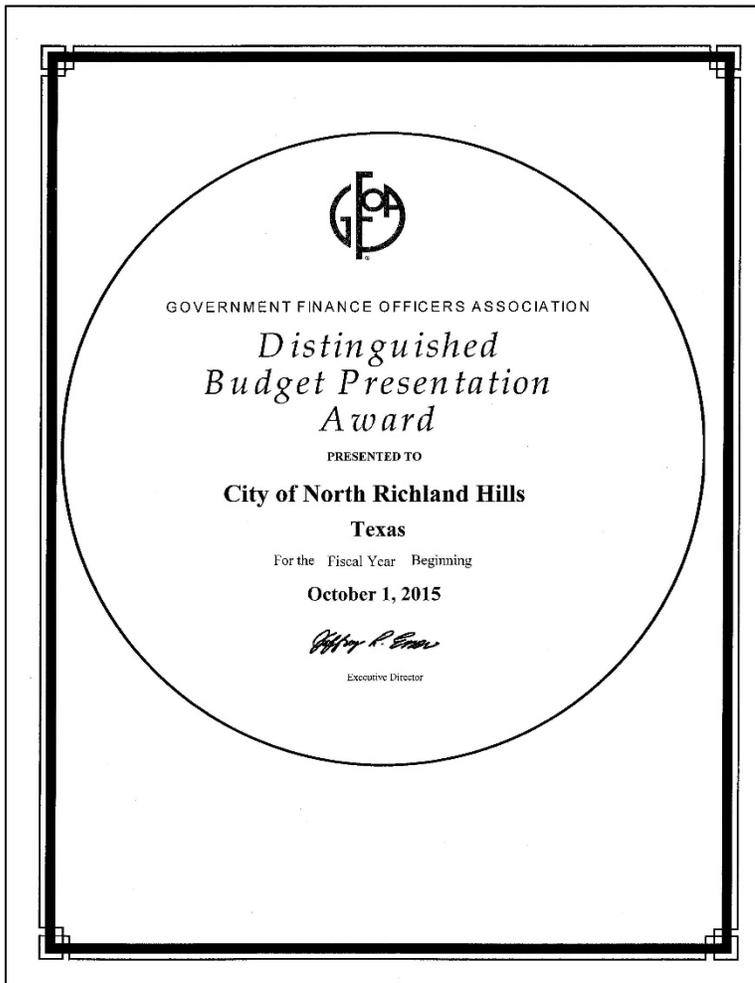
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ABOUT THE AWARD

The Government Finance Officers Association (GFOA) is a nonprofit professional association serving over 17,800 government finance professionals throughout North America. The GFOA Distinguished Budget Presentation Award Program is the only national awards program in government budgeting. GFOA established the Distinguished Budget Presentation Awards Program (Budget Awards Program) in 1984 to encourage and assist state and local governments to prepare budget documents of the very highest quality that reflect both the guidelines established by the National Advisory Council on State and Local Budgeting and the GFOA's best practices on budgeting and then to recognize individual governments that succeed in achieving that goal.

The award represents a significant achievement by the City of North Richland Hills. It reflects the commitment of the governing body and staff to meeting the highest principles of governmental budgeting. In order to receive the budget award, the North Richland Hills had to satisfy nationally recognized guidelines for effective budget presentation. These guidelines are designed to assess how well the budget document serves as:

- a policy document
- a financial plan
- operations guide
- communications device



Budget documents must be rated “proficient” in all four categories, and the fourteen mandatory criteria within those categories, to receive the award. Award recipients have pioneered efforts to improve the quality of budgeting and provide an excellent example for other government throughout North America.

The City of North Richland Hills first received this award in 1991 and has received the award 25 consecutive years.

The Government Finance Officers Association of the United States and Canada (GFOA) presented a Distinguished Budget Presentation Award to the City of North Richland Hills, Texas for its annual budget for the fiscal year beginning October 1, 2015. In Order to receive this award, a governmental unit must publish a budget document that meets program criteria as a policy document, as an operations guide, as a financial plan, and as a communications device.

The award is valid for a period of one year only. We believe our current budget continues to conform to program requirements, and we are submitting it to GFOA to determine its eligibility for another award

NRH

**CITY OF NORTH RICHLAND HILLS
ADOPTED 2016/2017 CAPITAL PROJECTS BUDGET**

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CITY OF NORTH RICHLAND HILLS

October 1, 2016

Honorable Mayor and Members of City Council
City of North Richland Hills
North Richland Hills, Texas

It is my pleasure to submit to you the FY 2016/2017 Adopted Capital Projects Budget. The primary purpose of the Capital Improvements Budget is to include funding for major long-life equipment, construction and renovations of city facilities, public infrastructure and multi-year planning studies.

This budget includes \$14,040,972 in capital projects. Some projects stem from City Council mid-year budget discussions, others were authorized by voters during bond elections and still others were identified by City departmental evaluations and examinations of needs.

Funding Through Debt Issuance

Planned debt issuance for FY 2016/2017 includes \$6,815,000 in certificates of obligation. The City does not intend to issue general obligation (GO) bonds in FY 2016/2017. General obligation bonds are backed by the City's property tax revenues and must be approved by voters. Although certificates of obligation do not require voter approval, there is a lengthy notice and approval process that allows time for citizen input prior to issuing the debt.

The adopted Capital Project Budget funds five projects with certificates of obligation, including: the repair and maintenance of streets for \$1,000,000, the redevelopment of Northfield Park for \$3,900,000, and three fire apparatus replacements for a total of \$1,915,000.

Funding for capital projects does not just come through the issuance of debt; there are many new projects that will be funded through sales tax dollars, federal and state grants, reserves, impact fees, and the sale of current equipment.

FY 2016/2017 Capital Improvements Budget Highlights

In addition to several projects approved in previous years that require additional funding, there are new projects included in the FY 2016/2017 Capital Project Budget. I would like to take this opportunity to highlight some of these projects for you.

The City Council continues to recognize the importance of dedicating funds annually for the repair and preventive maintenance of City streets. This is important in that it delays more costly street reconstruction and extends the life of the current street system. Funding for the 26th consecutive year of the Preventive Street Maintenance Program remains at \$1,000,000. This year the focus will be asphalt overlay for twelve to fifteen streets, crack sealing for fifteen to twenty-five streets, and slurry seals for fifteen to twenty-five streets. The expectation is that the street rating of 80 will remain the same due to this work being performed. Certificates of obligation will be utilized to fund this maintenance.

For the 42nd Year, the City is receiving money in the form of a Community Development Block Grant. The award for FY 2016/2017 is \$396,000. This grant will be utilized for replacing approximately 1,850 linear feet of 18" sanitary sewer pipe within the Harmonson Road Right-of-Way between Dawn Drive and Lochridge Court. The existing clay pipe has become problematic requiring regular maintenance. The pipe has partially collapsed in areas and roots have intruded within the pipe through this section. Due to the existing clay pipe being partially located under the pavement, replacing this pipe via traditional open-trench construction would require removal and replacement of large sections of pavement; this type of construction would also be disruptive to traffic and adjoining properties. Staff is recommending pipe bursting this sewer main with HDPE pipe, which is cost effective and will minimize the removal of pavement as well as traffic and property disruption. The CDBG grant funds are entitlement funds administered entirely by Tarrant County. This includes the design, contractor selection, construction management, and the contract close-out activities. The City does have the responsibility of providing construction inspection services, but does not administer the CDBG funds.

The North Richland Hills Park System is a major attraction for the citizens of North Richland Hills. Keeping parks attractive for the citizens requires maintenance and redevelopment in order meet the needs of the community. The Northfield Park Redevelopment Project was the top recommendation under the Renovation and Improvement category of the 2007 Park, Recreation and Open Space Master Plan. The 29 acre park is one of the original four parks developed in the City, and the amenities are aged and in need of replacement or renovation. The project will provide the opportunity to improve the site while emphasizing its positive features. This project involves the redevelopment of the existing community park and adjacent natural area through the

design and construction of new amenities based on meetings to gather stakeholder input. Recommended elements for the redevelopment include a new park entry, new modern layout with a unique theme, upgrading the equipment and support facilities and introduction of loop trails. The project will also ensure the protection of the natural creek corridor and provide views to natural areas. This project will provide an investment in one of the city's established residential areas, while improving the delivery of parks and recreation services. The FY 2016/2017 Capital Projects Budget includes \$3,903,000 through Certificates of Obligation and Park Fund Reserves for the redevelopment of Northfield Park.

One of the premier attractions for North Richland Hills is NRH₂O Family Water Park. The park continues to enhance the experience for visitors and guests of all ages to enjoy annually. One such project for FY 2016/2017 is the Beachside Bay Cabana Project. This project will see the renovation of the existing Beachside Bay volleyball court area and the construction of a cabana village. This project is part of the current rebranding efforts. The village will increase private seating options for guests, while providing revenue for the park. The FY 2016/2017 budget also includes the replacement of the three bridges over the Endless River due to use and age. The current bridges were originally installed when the park opened in 1995. Replacement is needed in order to ensure the safety of guests and to achieve the expectations of the water park's image.

Keeping citizens safe in North Richland Hills is the top priority of the Council. In an effort to offer the citizens of North Richland Hills the very best in public safety, the FY 2016/2017 budget includes three pieces of fire equipment to be purchased along with public safety technology. The fire equipment includes two 107' Aerial fire trucks. These two units will replace current apparatus, which will be sold. The proceeds from selling the existing equipment will be used toward the purchase of the new equipment with the remaining balances paid using a combination of Certificates of Obligation and reserves. The third piece of fire equipment is a fire engine, replacing a 1997 quint. The old quint will also be sold with the remainder to be funded through Certificates of Obligation and reserves.

The Police Department's in car video system will see a total replacement. This will include the in car video, servers, and data storage equipment. The current technology has reached end of life. Along with the in car video replacement, body cameras will be purchased, as well as the Mobile Data Computers (MDC) in police vehicles. This video equipment is a necessity for evidence and reporting purposes. This technology is invaluable not only to the police, but the justice system. Video from the police vehicles will be able to be live streamed for monitoring by supervisors and commanders. All police equipment funding is coming from reserves, and a grant from the Governor's Office. In addition to the new police technology, the MDC's for the Fire Department will also be replaced to better enhance the safety that the Fire Department provides to the citizens of

North Richland Hills. These computers will be funded through the Information Technology Reserves.

Conclusion

In closing, the FY 2016/2017 Capital Projects Budget includes many exciting projects that will have a positive and lasting impact for the citizens and community of North Richland Hills. This budget addresses many of the needs of our citizens, while working towards meeting the goals established by City Council. Each project demonstrates the results of the commitment and promise made by City Council to the Citizens of North Richland Hills. Thank you for conveying your priorities and goals for the FY 2016/2017 Capital Projects Budget to management and staff; without which, North Richland Hills would not provide the quality of life its citizens deserve and expect.

Respectfully submitted,

A handwritten signature in black ink that reads "Mark Hindman". The signature is written in a cursive, flowing style.

Mark Hindman
City Manager

INTRODUCTION



HISTORY/PROFILE

North Richland Hills began when W.S. Peters agreed to bring 600 families into the area within a three year period as part of a land grant. The families began arriving in the summer of 1848. In 1849 Tarrant County was established and named for General Edward H. Tarrant. The area later known as North Richland Hills was predominantly dairy farms.

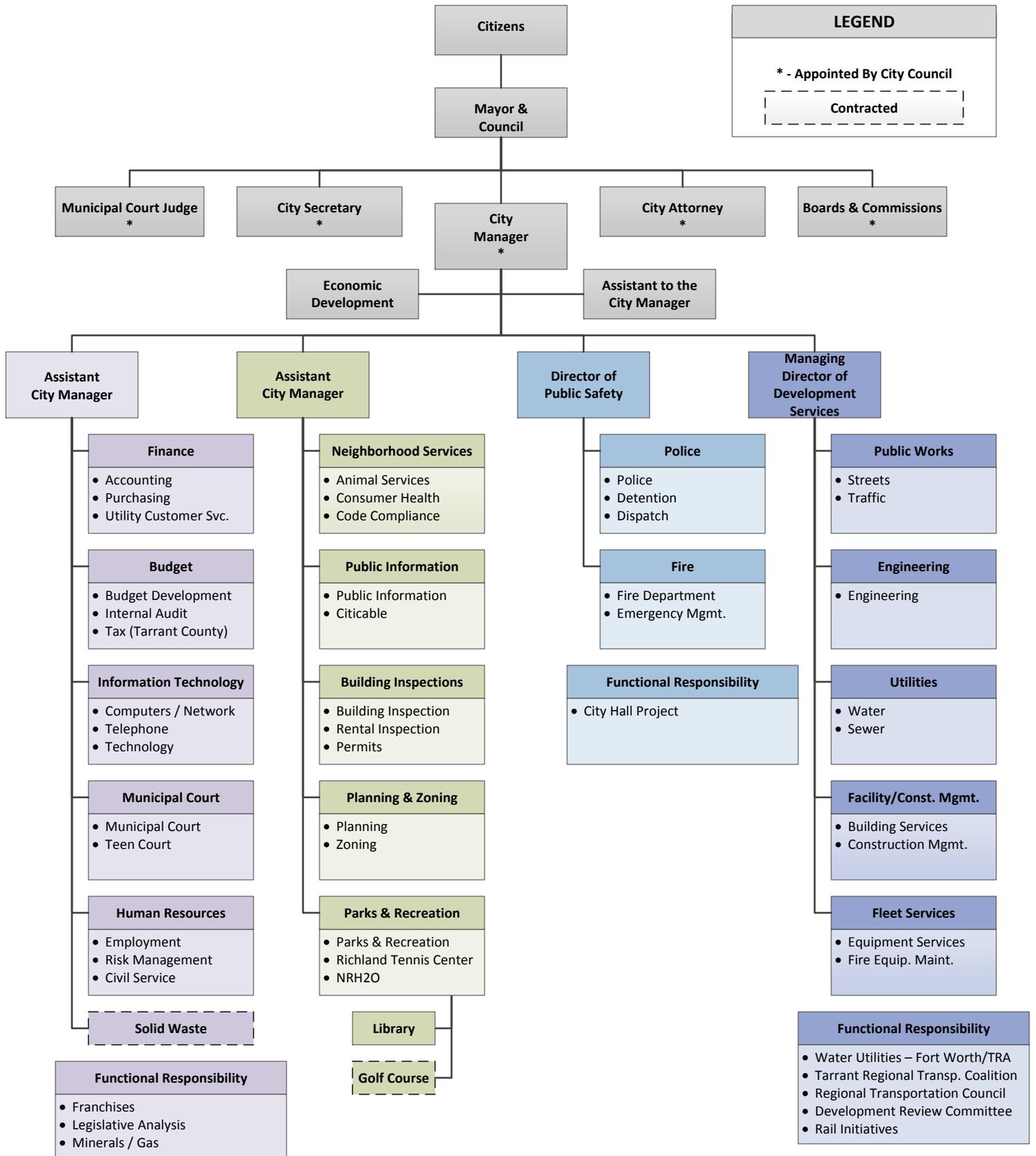
In 1953 the North Richland Hills Civic League sought to have the area annexed to Richland Hills, but voted to form their own city when annexation was denied. An election was held, and 268 acres of Jones farm, with a population of 500, became officially incorporated as the City of North Richland Hills. By 1957, the North Richland Hills' boundary was within two miles of Smithfield. By 1960, Smithfield was annexed by North Richland Hills.

North Richland Hills operates under a Charter adopted in 1964 which provides for a "Council-Manager" form of government. The Mayor and seven Council members are elected at large. The City Council is responsible for all policy matters. The Council has the authority to levy taxes, secure revenues, authorize expenditures of City funds, and incur debt. The City Manager is directly responsible to the City Council.

On July 6, 1996, the City Council passed an ordinance forming a Historical Committee. This committee had the task of publishing a written history of the City, producing a videotaped history, and making recommendations for the preservation of history for the City of North Richland Hills. The book was published October, 1998.

For further information about the City of North Richland Hills, please visit the City's website at www.nrhtx.com.

ORGANIZATION CHART



INTRODUCTION

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

The Capital Improvement Program represents the City's plan for physical development. The program is reviewed each year to reflect changing priorities. It provides a framework for identifying capital requirements, scheduling projects over a period of years, coordinating related projects, and identifying future fiscal impact.

Formal City Council adoption of the Capital Improvement Program indicates the City's commitment to the plan, but does not in itself authorize expenditures. The necessary funding mechanisms must be adopted each year to pay for the improvements. Again this year, the Capital Improvement Program included a thorough review process similar to the operating budget. The process began in January with systems training for Department Heads and Project Managers. Capital Improvement Program requests were due to the Budget Department by February in order to prepare for review and analysis by the City Manager's Office in April. The finalized budget was reviewed by City Council and public hearings were held in conjunction with the hearings on the annual operating budget.

1994 BOND ELECTION PROGRAM

In 1994, a sixteen-member Citizen Advisory Committee was appointed by the City Council to review the City's capital improvement needs for the following five to seven years. The Committee spent several months reviewing and assessing various capital improvement needs. The Committee examined nearly \$40,000,000 in needed projects and recommended \$23,540,000 for voter consideration in a bond election package. Street and drainage improvements were an integral part of the authorized proposal. Street projects were prioritized according to which projects would provide the most positive impact on traffic flow and congestion in the City. Drainage projects were ranked according to which project would protect the most property from flooding and erosion. All public safety projects recommended by City staff were included in the bond election. The projects were divided into three propositions according to the type of project for the bond election. The election was held on September 27, 1994. All three propositions passed by a 2 to 1 margin. The propositions are outlined as follows (in thousands of dollars):

	Amount Authorized	Amount Issued Through 2015	2016 Issue	Authorized Un-issued
Streets	\$20,000	\$19,575	\$0	\$425
Drainage	1,865	1,865	0	0
Public Safety	1,675	1,675	0	0
Totals:	<u>\$23,540</u>	<u>\$23,115</u>	<u>\$0</u>	<u>\$425</u>

*Note: Figures reported in \$1,000 (thousands).

As of April 2016 the City has issued all but \$425,000 for projects approved in the 1994 bond election: \$19.6 million in street bonds, \$1.9 million of drainage bonds, and \$1.7 million in public safety bonds. There are no plans to issue the remaining \$425,000 authorized 1994 G.O. bonds. This remaining amount will be issued for Holiday Lane, from Loop 820 to Dick Lewis Drive as part of the Loop 820 widening project that began in early 2011.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

2003 BOND ELECTION PROGRAM

In fiscal year 2002, City Council appointed a Citizens Capital Improvements Study Committee to evaluate major capital project needs for the City over the following seven to ten years. The Committee evaluated and prioritized streets, drainage, and facility improvements that would benefit the citizens of North Richland Hills. City management and staff analyzed the financial impact of the capital improvements program. The analysis included factors such as existing debt service obligations, the issuance of the remaining 1994 bond authorization, estimates of future property value growth, and impact on future operations.

The results of the analysis were based on conservative estimates of future property value growth and the scheduled retirement of existing debt. The analysis indicated that the 2003 debt tax rate of \$0.24 per hundred dollar valuation would support over \$40 million of debt service through the year 2010. The committee identified \$38.2 million (over \$30 million for street improvements alone) in projects needed to improve the infrastructure and provide essential services to the citizens of North Richland Hills. The committee presented the project list to City Council who called a bond election for February 1, 2003. The referendum consisted of five separate propositions including twenty-two street projects (arterial, collector, and residential streets), two drainage projects, and five municipal facilities projects.

All of the propositions, except for the proposed authorization of \$1 million in general obligation bonds for Maintenance Service Center improvements, were approved by the voters, and are now a part of the long-range financial plan of the City. The propositions are presented in the following table (in thousands of dollars):

	Amount Authorized	Amount Issued Through 2015	2016 Issue	Authorized Un-issued
Streets	\$30,010	\$22,950	\$0	\$4,250
Drainage	4,000	3,840	0	160
Public Safety Facilities	1,900	1,900	0	0
Animal Rescue Center Expansion	1,300	1,300	0	0
Totals:	\$37,210	\$29,990	\$0	\$4,410

*Note: Figures reported in \$1,000 (thousands).

Approved street projects included eight arterial streets, six collector streets, and eight residential streets. Some of the major street projects were: Rufe Snow Drive, North Tarrant Parkway, Glenview Drive, and Grapevine Highway. The two drainage projects were Holiday West Channel and Meadowview Estates Channel. Approved facilities projects were: Fire Training Facility expansion and upgrade, Fire Stations #2 and #3 upgrades, Public Safety Facility upgrade, and the Animal Adoption and Rescue Center expansion.

There is currently an authorized but unissued balance of \$4,410,000.

2012 BOND ELECTION PROGRAM

During spring 2011, the Community Improvements Task Force was formed to evaluate the current facility and infrastructure needs. The evaluation was conducted in an eight month period. The task force recommendation to Council was for the City to construct a new municipal complex.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

This recommendation was made after the task force studied the existing location of city services and departments concluding the Loop 820 expansion impacted city services provided at City Hall, Police Department, Municipal Court, and Park Administration.

On May 12, 2012, voters elected in favor of the City issuing \$48,000,000 in bonds to help fund a new municipal complex. The new municipal complex will serve as a consolidated location for City Hall, Police Department, Municipal Court, Parks Administration, Citicable, Fire Administration, Emergency Management, and Neighborhood Services.

Prior to the 2012 tax year, the City maintained the same tax rate of \$0.57 for 19 years. The approval of the \$48 million in the bond election resulted in the City reviewing the \$0.57 tax rate. After review, Council voted to increase the 2012 Tax Rate by 7% to \$0.61.

	Amount Authorized	Amount Issued Though 2015	2016 Issue	Authorized Un-issued
Municipal Facilities	\$48,000	\$48,000	\$0	\$0
Totals:	\$48,000	\$48,000	\$0	\$0

*Note: Figures reported in \$1,000 (thousands).

Multi-Year Capital Improvement Funding Plan

The City of North Richland Hills maintains a multi-year plan for the capital improvement needs of the City. This plan is part of the ongoing effort by the City Council and Management to meet the needs of THE growing community, while stabilizing the tax burden of the citizens of the City. The strategy includes managing the cost of capital projects, paying cash for capital projects when possible and reducing interest expense by responsibly managing the borrowing of funds. This includes the structuring of general obligation debt (taxpayer voted debt backed by ad valorem tax levy) and non-general obligation debt (i.e., certificates of obligation authorized by the City Council backed by ad valorem tax levy).

City policy is to structure debt maturities to match the useful life of capital assets acquired or constructed and to maintain an even-principal repayment schedule. This aggressive payback policy assures rapid retirement of debt in which approximately 75% to 80% of outstanding debt is retired within ten years. Streets, drainage, parks and facilities projects with a useful life of at least twenty years are structured using a twenty-year pay back period. Borrowing for machinery and equipment is structured for pay back based on the useful life of the equipment.

The Multi-Year Capital Improvement Plan includes the following assumptions:

- When it is necessary to finance projects through the issuance of debt, the City of North Richland Hills will continue to sell general obligation bonds and certificates of obligation (or equivalent). Because interest rates have been more favorable than those of revenue bonds, certificates of obligation have been issued to fund Enterprise Fund projects and equipment. An additional benefit of issuing certificates in place of revenue bonds is there is no legal reserve required with the issuance of certificates.
- If it is necessary to issue debt, the maturity schedule will be designed to coincide with the life of the asset being financed. Every effort will be made to structure the payback at level principal to ensure the most rapid retirement of debt. A majority of debt issues achieved these objectives.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

- Enterprise Fund projects, such as infrastructure improvements by the Utility Fund, Aquatic Park Fund, and Golf Course Fund, funded by ad valorem tax backed debt will be repaid with Enterprise Fund revenues. Thus, the term “self-supporting debt.”
- General debt service fund balances will be used as needed to supplement debt payments and issuance costs. Debt capacity will be calculated annually to ensure adequate revenues for debt payments for both existing issues as well as prospective issues.
- The plan assumes that the total ad valorem tax rate at the current \$0.61 per one hundred dollars of valuation through 2017. The debt and maintenance operations portions of the rate will fluctuate depending on the needs in any particular fiscal year. This assumption is in keeping with the Council/Management goal to stabilize the tax burden of the citizens of North Richland Hills.
- The remaining \$425,000 from the 1994 bond election for the Holiday Lane reconstruction will be issued in conjunction with the Loop 820 expansion by the Texas Department of Transportation.
- Future debt estimates are derived from unissued debt related to the 1994, 2003, and 2012 bond elections which total \$4,410,000.

ALTERNATIVELY FUNDED CAPITAL PROJECTS

Alternatively Funded Capital Projects

The City pursues other funding for capital projects in addition to the sale of long-term debt. Several projects with alternative funding are listed below.

General Capital Improvements

Community Development Block Grants (CDBG) - In December 1996, eight street reconstruction projects authorized under the 1994 bond election were determined eligible for CDBG funding. The grants are disbursed by the Housing and Urban Development Department of the Federal Government. Approximately \$250,000 in funding is made available to the City each year. Use of these funds, has allowed the City to reallocate approximately \$2.8 million to other projects. The reconstruction of Roberta Drive, Jannie Drive, Jerrell Street, Rita Beth Street, Jackie Lee Street, Charles Street, Honey Lane from Harmonson Road to Glenview Drive, and Lynda Court has been completed. Construction on sanitary sewer improvements on Harmonson Road will begin this fiscal year.

Rufe Snow Drive – Design work is underway on Rufe Snow from Mid-Cities to Hightower (Ridgetop Road). The project is being coordinated with the Texas Department of Transportation (TXDOT). Approximately \$7.56 million in grant funding through TXDOT has been designated for design and construction.

Davis Boulevard/Mid-Cities Intersection – The intersection will be updated with additional turn lanes, signalization improvements and the necessary water and sewer main improvements. Funding includes a \$1 million dollar Congestion Mitigation and Air Quality (CMAQ) grant through TXDOT and a \$1.15 million dollar grant from the North Central Texas Council of Governments for design and construction.

Smithfield Road – Design work is underway on Smithfield Road from Davis to Mid- Cities. A portion of Smithfield Road will be realigned in order to directly connect Smithfield to Bridge Street at Davis Blvd. The signal light at the Davis Blvd intersection will include all four sides instead of the three sides. This section of Smithfield is located in the Smithfield TOD and will be constructed to that criteria.

Major Equipment Replacement and Facility Maintenance – The City established cash reserves for the replacement of major capital equipment and facility maintenance. As of adoption, the fund balances were approximately \$1.4 and \$778,000 million, respectively.

Utility Capital Improvements

In the Utility Fund, cash is reserved each year from working capital for capital improvements. These funds are used to replace obsolete water and sewer mains, move utility lines related to street and drainage projects, and replace and upgrade water meters.

Utility Construction – The adopted budget includes approximately \$840,000 to repair and replace damaged or obsolete water and sewer mains during the next fiscal year. This utility replacement program started in 1993, and allows the City to maintain the water and sewer system without issuing debt or contracting routine maintenance to outside vendors.

EPA Unfunded Mandates – The City received an Administrative Order from the EPA in February 1996 requiring the City to perform a Sewer System Evaluation Survey. This survey, completed in January 1998, revealed the need to make approximately \$3.2 million in repairs and modifications to the City's

ALTERNATIVELY FUNDED CAPITAL PROJECTS

sewer system. An administrative surcharge was assessed against all sewer customers to pay for the initial evaluation, which cost approximately \$650,000. In February 1998, the City Council authorized the increase of this surcharge to fund the necessary capital improvements of \$3.2 million over the next five years on a pay-as-you-go basis. The charge, which went into effect in March 1998, assessed \$3 per month per residential customer, \$2 per month for multifamily accounts, and \$15 per month for commercial customer accounts. The EPA approved the five-year plan for \$3.2 million in repairs. The City continues to work towards completion of EPA projects, such as the Sanitary Sewer System Rehabilitation of Main Lines but billing and collection of the fee was discontinued in March 2003.

Drainage Utility Fund

Owners of developed property in the City are charged a monthly drainage utility fee based on zoning codes as an estimate of the amount of concrete coverage on a given parcel of land. The City collects approximately \$800,000 annually from this fee and most of the revenue is used to cover drainage-related debt service. The fund balance at adoption was \$1.1 million.

The drainage-related debt service consists of several series of General Obligation bonds and Certificates of Obligation issued for drainage improvements throughout the City. A portion of the annual debt service for these issues is funded with drainage utility fees based on the percentage of each issue's proceeds used to fund drainage projects.

Parks & Recreation Facility Development Fund

The Parks and Recreation Facility Development Fund is funded through a ½ cent sales tax approved by voters in 1992. The fund has issued over \$15 million in revenue bonds which are supported by the sales tax revenues. These bonds were used to purchase park land and construct several major park facilities, including the Aquatic Park, Green Valley Park, and the Richland Tennis Center. Current and future projects and debt service on the bonds is also being funded through sales tax revenues.

Hike and Bike Trails – The City has been awarded more than \$6.5 million in grants from the Department of Transportation under the Intermodal Surface Transportation Efficiency Act (ISTEA). The funds are to build a series of hiking, biking, and equestrian trails that link most of the major City recreational facilities to City neighborhoods. These trails also provide access to local schools and retail shopping areas. Construction began in 1998 and will at least one more year as additional trail amenities are added to the City system as well as trail connectors to trail projects in neighboring cities.

The Aquatic Park Fund

Reserves were established to ensure availability of funds for infrastructure maintenance, the construction of new attractions, and liability insurance.

BUDGET PROCESS

BUDGET PROCESS

Definition and Authority

The budget is a financial plan for a fiscal year of operations that matches all planned revenues and expenditures with the services provided the residents of the City based on established budgetary policies. The City Charter establishes the City of North Richland Hills' fiscal year as October 1 through September 30. The Charter requires that the City Manager submit the proposed budget and budget message for the upcoming fiscal year to the City Council at least 45 days prior to October 1 of each year. Upon receipt of the proposed budget, the City Council is required to set a date and place for a public hearing to discuss the budget. At the hearing, the Council gives all interested persons an opportunity to be heard for, or against, any expenditure account or revenue estimate. The Charter binds the City Council to adopt a budget prior to the beginning of the fiscal year. The City Council will normally approve the tax rate for the coming fiscal year and adopt the budget ordinance during the same meeting.

Budget Amendment Process

Amendments to the budget can be made after adoption. According to Article XII, Section 4 of the City Charter, the City Manager shall authorize no expenditure over the total funds for expenditure in the overall budget unless the budget is amended by the same public notice procedure called for in adopting the budget.

Budget Preparation

The functions of preparing, analyzing, and monitoring the 2016-2017 budget are performed by the Budget and Research Department with final approval by the City Manager's office. A budget calendar is established each year. This allows the City Manager and Budget staff to prepare a proposed budget which will meet all the provisions of the Charter, and at the same time provide the City Council with a thorough, informative description of the level and cost of proposed municipal services. The City Council utilizes information provided in the proposed budget to facilitate its decision-making process, and to aid in charting a course of action for the upcoming fiscal year. The budget process is initiated in March with the distribution of a Budget Preparation Manual to all Department Directors. Basic line-item budgets to continue the current level of service are returned by departments to the Budget Department in April, at which time the City Manager's office reviews these with the Budget Director, and makes recommendations for changes. During the review process, budgets for the current fiscal year may also be submitted for revision by the City Manager. Any new programs departments want considered for funding are submitted as budgetary program enhancements. Program enhancement requests are submitted to the Budget Department with line item detail which are prioritized by the departments and reviewed by the City Managers.

If needed, the City Manager is available for department level appeals, and this process is usually scheduled for a week at the end of June. Department Directors are required to submit any changes to the non-monetary information updating departmental descriptions and performance measures to the Budget Department in April.

Certified property tax values are received from Tarrant Appraisal District on July 25th. Preliminary budget packages are delivered to City Council in late July, and a budget work session is held for members of the City Council, the City Managers, and Budget Department staff to review the proposed budget and establish priority issues for the next fiscal year. Final tax roll figures are received from Tarrant Appraisal District on September 1st.

BUDGET PROCESS

Public Hearing and Budget Adoption

On July, 29 2016, the City Council reviewed the Proposed Budget. The City Council set dates for public hearings on the proposed budget and tax rate. Notices of budget and tax rate public hearings were published in the local newspaper, posted at City Hall, aired on Citicable and posted on the City website (www.nrhtx.com). The tax rate public hearings were held on August 22, 2016, September 12, 2016, and September 19, 2016. The budget public hearing was on August 22, 2016. The City Council voted on and approved the budget on September 26, 2016. Also on September 26, 2016, the Council voted to accept the tax roll from the appraisal district and set the tax rate at \$0.61 per \$100 per valuation.

Budget Preparation Calendar

Fiscal Year 2016-2017

Mon, Oct 26	Distribute following to departments: <ul style="list-style-type: none"> • Facility Request Form • Fleet Services Request Form • Information Services Request Form 	Budget Dept.
Fri, Nov 13	Return the following forms to Budget: <ul style="list-style-type: none"> • Facility Requests • Information Services Requests 	Departments
Fri, Nov 13	Capital Budget Kickoff Distribute following to departments: <ul style="list-style-type: none"> • Distribute Capital Budget Information • Capital Budget database open for entry 	Budget Dept. Departments
Fri, Jan 8	Capital Projects budgets due to Budget Department	Departments
Mon, Jan 25	HTE open for data entry	Departments
Fri, Jan 29	Distribute Worksheets to Departments <ul style="list-style-type: none"> • Goals, Objective and Performance Measure forms • Travel Request Form • Overtime Request Form • Tuition Reimbursement Request Form 	Budget Dept.
Fri, Jan 29	Distribute Capital Budget Review material for Assistant City Manager Capital Review	Budget Dept.
Mon Feb 1 – Fri, Feb 12	Assistant City Managers review of Capital Project budgets with departments	Assistant CMs Departments
Fri, Feb 19	HTE training videos for budget process and HTE data entry available on intranet	Budget Dept. Departments
Fri, Feb 26	Distribute Capital Budget Review material for City Manager Capital Review	Budget Dept.
Mon, Feb 29 – Fri, Mar 25	City Manager review of Capital Project budgets with departments	City Managers Budget Dept. Dept. Directors
Wed, Mar 2	Budget Kickoff Meeting with Department Directors Distribute the following to departments: <ul style="list-style-type: none"> • Budget Manual • Target Number Projections • Personnel Projection Reports • Personnel Inventory Forms • Adjustment to Base Form 	City Managers Dept. Directors
Wed, Mar 30	Return the following to Budget: <ul style="list-style-type: none"> • Proposed line-item expenditures budgets for 2016/17 • Revised expenditure budgets for 2015/16 • Proposed revenue projections for 2016/2017 • Revised revenue projections for 2015/2016 • Travel Request • Overtime Request • Adjustment to Base Forms • Tuition Reimbursement Request • Personnel Inventory Forms • Goals, Objectives & Performance Measures 	Departments

Budget Preparation Calendar

Fiscal Year 2016-2017

Mon, Apr 4	Distribute 2016/17 proposed line item detail summaries to departments	Budget Dept.
Fri, Apr 8	Summaries of increase and decrease due to Budget Dept.	Departments
Fri, Apr 22	Distribute material to City Manager's Office for Assistant City Manager Operating Budget Review	Budget Dept.
Mon, Apr 25 – Fri, May 6	Assistant City Managers review of Operating Budget	Assistant CMs Dept. Directors
Fri, May 15	Preliminary tax roll received from Tarrant Appraisal District with taxable values	Budget Dept.
Fri, May 20	Distribute material to City Manager's Office for City Manager Operating Budget Review	
Mon, May 23 – Wed, Jun 15	City Manager review of departmental line-item, adjustment-to-base requests, goals, objectives, performance measures and revenue projections	City Managers Budget Dept. Dept. Directors
Mon, Jun 13	Mid-Year Budget Work Session	City Council City Managers Budget Dept.
Fri, Jun 17	Final CIP updates due to Budget Department	Departments
Mon, Jun 24	City Manager final review of Capital Projects budget	City Managers Budget Dept.
Fri, Jul 8	All budget decisions finalized	City Managers
Wed, Jul 20	Transmittal letter completed	City Managers Budget Dept.
Fri, Jul 22	Distribute Budget Work Session material to City Council, City Manager's Office	City Managers Budget Dept.
Mon, Jul 25	Proposed Budget filed with City Secretary	Budget Dept.
Mon, Jul 25	Distribute Budget Work Session material to Department Directors and Citizens (copy placed at public library)	Budget Dept.
Mon, Jul 25	Certified tax roll received from Tarrant Appraisal District- calculate effective tax rate	Finance Dept.
Mon, Jul 25 – Thu, Jul 28	Budget Work Session presentation rehearsals	City Managers Budget Dept.
Fri, Jul 29	Budget Work Session	City Council City Managers Budget Dept.
Fri, Jul 29	Crime Control and Prevention District Board review of proposed budget	CCD Board City Managers Budget Dept.

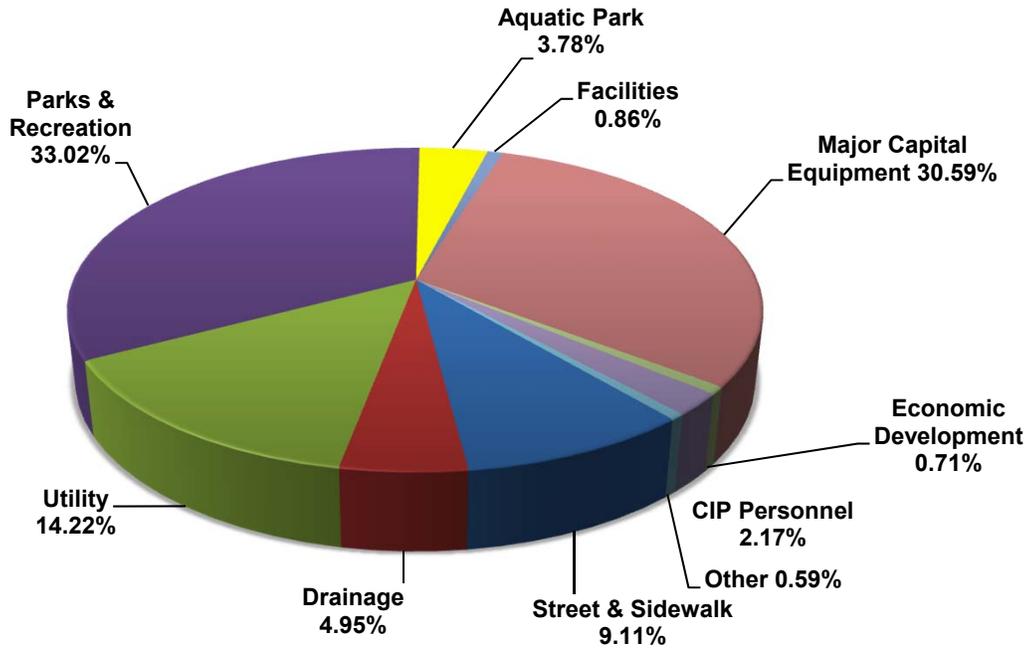
Budget Preparation Calendar

Fiscal Year 2016-2017

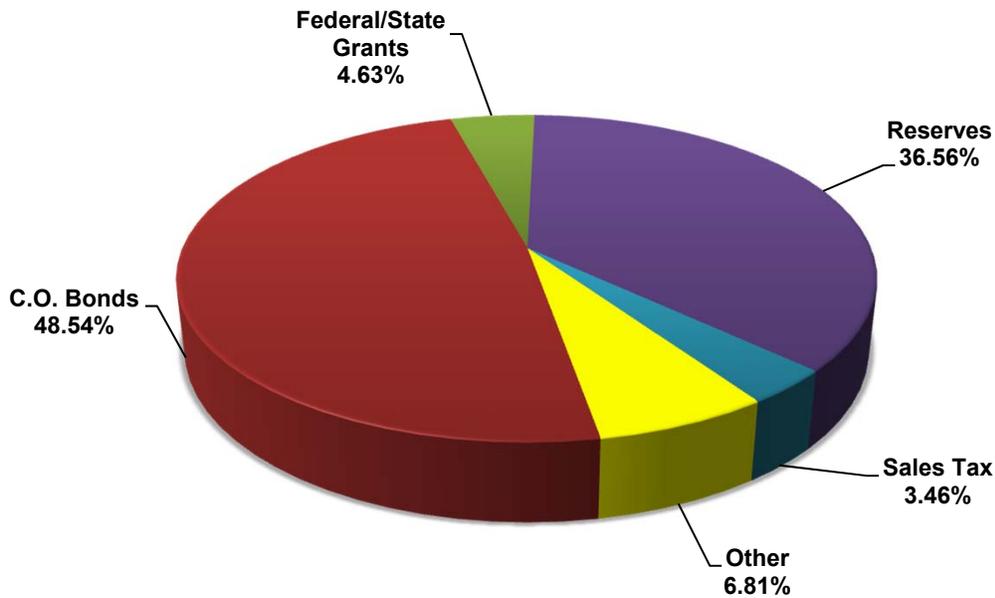
Mon, Aug 8	City Council Meeting: <ul style="list-style-type: none"> • Record vote on proposed tax rate • Set date for public hearings on tax rate • Set date for public hearing on Budget, CCD, and Park Development Corp. 	City Council City Managers
Wed, Aug 10	Publish Notice of Budget Hearings	Budget Dept.
Fri, Aug 12	Supplemental information to City Council for follow-up on Budget Work Session (if needed)	City Managers Budget Dept.
Mon, Aug 22	Park and Recreation Facilities Development Corporation review of proposed budget	Park Corp. City Managers Parks Dept. Budget Dept.
Mon, Aug 22	City Council Meeting: <ul style="list-style-type: none"> • Tax rate public hearing • Budget public hearing • CCD budget public hearing • Park Development Corporation public hearing 	City Council City Managers Budget Dept.
Wed, Aug 24	Publish Notice of Proposed Tax Rate	Budget Dept.
Mon, Sep 12	City Council Meeting: <ul style="list-style-type: none"> • 2nd Tax Rate Public Hearing 	City Council City Managers Budget Dept.
Mon, Sep 19	City Council Meeting: <ul style="list-style-type: none"> • 3rd Tax Rate Public Hearing 	City Council City Managers Budget Dept.
Mon, Sep 26	City Council Meeting: <ul style="list-style-type: none"> • Accept certified tax roll • Adopt proposed budgets • Adopt proposed tax rate 	City Council City Managers Budget Dept.

Fiscal Year 2016/2017 Adopted CIP Budget \$14,040,972

Uses of Funds



Sources of Funds



**Summary of Project Expenditures
2016/2017 Capital Improvement Program**

Program Classification	Project To Date	Adopted 2016/2017	Estimated 2017/2018	2018 to Completion	Total Expenditures
Street & Sidewalk	39,535,962	1,280,000	461,000	0	\$ 41,276,962
Drainage	3,088,222	695,000	0	0	\$ 3,783,222
Utility	4,691,525	1,996,000	0	0	\$ 6,687,525
Parks & Recreation	5,946,623	4,636,000	173,000	0	\$ 10,755,623
Aquatic Park	3,380,425	531,000	0	0	\$ 3,911,425
Facilities	76,042,318	120,800	0	0	\$ 76,163,118
Major Capital Equipment	5,492,115	4,295,000	2,905,000	0	\$ 12,692,115
Economic Development	15,947,826	100,000	0	0	\$ 16,047,826
CIP Personnel	2,742,159	304,672	0	0	\$ 3,046,831
Other	3,163,468	82,500	85,000	0	\$ 3,330,968
Total CIP Project Expenditures	\$ 160,030,643	\$ 14,040,972	\$ 3,624,000	\$ 0	\$ 177,695,615

**Summary of Project Funding
2016/2017 Capital Improvement Program**

Funding Source	Funding To Date	Adopted 2016/2017	Estimated 2017/2018	2018 to Completion	Total Funds
General Obligation Bonds	61,289,172	0	0	0	61,289,172
Certificates of Obligation	33,730,000	6,815,000	460,000	0	41,005,000
Federal/State Grants	23,342,956	650,000	0	0	23,992,956
Reserves	25,833,079	5,133,064	1,000	0	30,967,143
Sales Tax	3,344,900	486,000	173,000	0	4,003,900
Other	12,490,536	956,908	2,990,000	0	16,437,444
Total CIP Project Funding	\$ 160,030,643	\$ 14,040,972	\$ 3,624,000	\$ 0	\$ 177,695,615

**Summary of Project Funding
2016/2017 Capital Improvement Program**

Program	Funding To Date	Adopted 2016/2017	Estimated 2017/2018	2018 to Completion	Total Funds
<u>Street & Sidewalk</u>					
General Obligation Bonds	9,875,950	0	0	0	9,875,950
Certificates of Obligation	5,515,000	1,000,000	460,000	0	6,975,000
Federal/State Grants	18,277,106	180,000	0	0	18,457,106
Reserves	4,137,906	100,000	1,000	0	4,238,906
Other	1,730,000	0	0	0	1,730,000
Street & Sidewalk Sub-Total	\$ 39,535,962	\$ 1,280,000	\$ 461,000	\$ 0	\$ 41,276,962
<u>Drainage</u>					
General Obligation Bonds	1,863,222	0	0	0	1,863,222
Reserves	1,225,000	695,000	0	0	1,920,000
Drainage Sub-Total	\$ 3,088,222	\$ 695,000	\$ 0	\$ 0	\$ 3,783,222
<u>Utility</u>					
Certificates of Obligation	2,545,000	0	0	0	2,545,000
Federal/State Grants	0	396,000	0	0	396,000
Reserves	1,946,525	1,600,000	0	0	3,546,525
Other	200,000	0	0	0	200,000
Utility Sub-Total	\$ 4,691,525	\$ 1,996,000	\$ 0	\$ 0	\$ 6,687,525
<u>Parks & Recreation</u>					
Certificates of Obligation	0	3,900,000	0	0	3,900,000
Federal/State Grants	2,882,928	0	0	0	2,882,928
Reserves	96,795	0	0	0	96,795
Sales Tax	2,819,900	486,000	173,000	0	3,478,900
Other	147,000	250,000	0	0	397,000
Parks & Recreation Sub-Total	\$ 5,946,623	\$ 4,636,000	\$ 173,000	\$ 0	\$ 10,755,623
<u>Aquatic Park</u>					
Certificates of Obligation	2,600,000	0	0	0	2,600,000
Reserves	780,425	531,000	0	0	1,311,425
Aquatic Park Sub-Total	\$ 3,380,425	\$ 531,000	\$ 0	\$ 0	\$ 3,911,425
<u>Facilities</u>					
General Obligation Bonds	49,550,000	0	0	0	49,550,000
Certificates of Obligation	20,070,000	0	0	0	20,070,000
Reserves	2,700,000	120,800	0	0	2,820,800
Other	3,722,318	0	0	0	3,722,318
Facilities Sub-Total	\$ 76,042,318	\$ 120,800	\$ 0	\$ 0	\$ 76,163,118
<u>Major Capital Equipment</u>					
Certificates of Obligation	0	1,915,000	0	0	1,915,000
Federal/State Grants	71,171	74,000	0	0	145,171
Reserves	1,516,944	1,681,592	0	0	3,198,536

**Summary of Project Funding
2016/2017 Capital Improvement Program**

Program	Funding To Date	Adopted 2016/2017	Estimated 2017/2018	2018 to Completion	Total Funds
Other	3,904,000	624,408	2,905,000	0	7,433,408
Major Capital Equipment Sub-Total	\$ 5,492,115	\$ 4,295,000	\$ 2,905,000	\$ 0	\$ 12,692,115
<u>Economic Development</u>					
Certificates of Obligation	3,000,000	0	0	0	3,000,000
Reserves	10,500,167	100,000	0	0	10,600,167
Sales Tax	450,000	0	0	0	450,000
Other	1,997,659	0	0	0	1,997,659
Economic Development Sub-Total	\$ 15,947,826	\$ 100,000	\$ 0	\$ 0	\$ 16,047,826
<u>CIP Personnel</u>					
Reserves	2,742,159	304,672	0	0	3,046,831
CIP Personnel Sub-Total	\$ 2,742,159	\$ 304,672	\$ 0	\$ 0	\$ 3,046,831
<u>Other</u>					
Federal/State Grants	2,111,751	0	0	0	2,111,751
Reserves	187,158	0	0	0	187,158
Sales Tax	75,000	0	0	0	75,000
Other	789,559	82,500	85,000	0	957,059
Other Sub-Total	\$ 3,163,468	\$ 82,500	\$ 85,000	\$ 0	\$ 3,330,968
Total CIP Project Funding	\$ 160,030,643	\$ 14,040,972	\$ 3,624,000	\$ 0	\$ 177,695,615

NRH

**STREET IMPROVEMENT LONG RANGE PLAN
ADOPTED FY 2016/2017**

<u>Project Description</u>	<u>2016/2017 Adopted</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2023/2024 Estimated</u>	<u>2024/2025 Estimated</u>	<u>2025/2026 Estimated</u>	<u>Project Totals</u>
Annual Projects											
Preventive Street Maintenance	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	10,000,000
Sidewalk Rehabilitation and Replacement	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	500,000
Total Annual Projects	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$1,050,000	\$10,500,000
New & Continuing Projects											
Acorn Drive Street Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000	\$0	\$0	\$0	\$600,000
Amundson Drive Street Improvements	0	0	0	0	0	0	0	6,500,000	0	0	\$6,500,000
Ash Street Street Improvements	0	0	0	0	0	0	400,000	0	0	0	\$400,000
Boulder Road Street Improvements	0	0	0	0	0	0	500,000	0	0	0	\$500,000
Boulevard 26 and Vance Road Signalization Infrastructure Upgrades	0	0	0	0	0	300,000	5,000,000	0	0	0	\$5,300,000
Bradley Drive Street Improvements	0	0	0	0	0	0	800,000	0	0	0	\$800,000
Briardale Drive Street Improvements	0	0	0	0	0	1,060,780	0	0	0	0	\$1,060,780
Brookview Drive Street Improvements	0	0	0	0	0	0	694,800	0	0	0	\$694,800
Chestnut Drive Street Improvements	0	0	0	0	261,600	0	0	0	0	0	\$261,600
Chilton Drive Street Improvements	0	0	0	0	0	0	493,200	0	0	0	\$493,200
Christopher Court Street Improvements	0	0	0	0	0	0	237,600	0	0	0	\$237,600
Cloyce Court (Northeast Loop 820 to Maplewood)	0	0	0	0	0	0	0	0	0	0	\$0
Collard Court Street Improvements	0	0	0	0	296,400	0	0	0	0	0	\$296,400
College Circle North Street Improvements	0	0	0	0	736,800	0	0	0	0	0	\$736,800
College Circle South Street Improvements	0	0	0	0	0	934,800	0	0	0	0	\$934,800
Colorado Boulevard Street Improvements	0	0	0	0	715,200	0	0	0	0	0	\$715,200
Copper Canyon Road Street Improvements	0	0	0	0	0	280,800	0	0	0	0	\$280,800
Crestwood Circle West Street Improvements	0	0	0	0	0	0	0	0	500,000	0	\$500,000
Cummings Drive Street Improvements	0	0	0	0	0	700,000	0	0	0	0	\$700,000
Cylinda Sue Circle Street Improvements	0	0	0	0	0	400,000	0	0	0	0	\$400,000
Cynthia Circle Street Improvements	0	0	0	0	0	583,200	0	0	0	0	\$583,200
Dana Lane Street Improvements	0	0	0	0	0	0	0	0	529,200	0	\$529,200
Daniel Drive Street Improvements	0	0	0	0	0	0	0	0	349,200	0	\$349,200
David Drive Street Improvements	0	0	0	0	0	0	434,000	0	0	0	\$434,000
Davis Boulevard and Hightower Drive Signalization	0	0	0	300,000	0	0	0	0	0	0	\$300,000
Davis Boulevard and Mid Citites Intersection	0	0	0	0	0	0	0	0	0	0	\$0
Davis Boulevard and Thornbridge Drive Signalization	0	0	0	300,000	0	0	0	0	0	0	\$300,000
Deaver Drive Street Improvements	0	0	0	0	0	0	0	0	789,600	0	\$789,600
Dublin Lane Street Improvements	0	0	0	0	0	266,400	0	0	0	0	\$266,400
Eden Road Street Improvements	0	0	0	0	0	0	0	0	3,000,000	0	\$3,000,000
Edward Street Street Improvements	0	0	0	0	0	0	0	0	0	172,380	\$172,380
Eldorado Drive Street Improvements	0	0	0	0	0	757,200	0	0	0	0	\$757,200
Ellis Drive Street Improvements	0	0	0	0	0	0	0	0	0	222,000	\$222,000
Frankie B Drive Street Improvements	0	0	0	0	0	0	0	0	0	600,000	\$600,000
Galway Lane Street Improvements	0	0	0	0	259,200	0	0	0	0	0	\$259,200
Garwood Drive Street Improvements	0	0	0	0	0	537,600	0	0	0	0	\$537,600
Gayle Drive Street Improvements	0	0	0	0	0	281,200	0	0	0	0	\$281,200
Glenview Court Street Improvements	0	0	0	0	0	111,600	0	0	0	0	\$111,600
Glenview Drive (East) Street Improvements	0	0	0	0	0	0	0	2,000,000	0	0	\$2,000,000
Glenview Drive (West) Street Improvements	0	1,300,000	1,300,000	0	0	0	0	0	0	0	\$2,600,000
Grand Avenue (Library to Health Markets Access Road)	0	0	0	0	0	0	175,000	0	0	0	\$175,000
Harmonson Drive Street Improvements	0	0	0	0	0	0	1,500,000	0	0	0	\$1,500,000
Hightower Drive and Holiday Lane, Meadow Road Signalization	0	0	0	200,000	0	0	0	0	0	0	\$200,000
Hightower Drive, Section C (Smithfield to Davis)	0	0	0	2,020,000	0	0	0	0	0	0	\$2,020,000
Hightower Drive, Section D (Stonybrooke to Eden)	0	0	0	1,500,000	0	0	0	0	0	0	\$1,500,000
Holiday Lane and Starnes Road Signalization	0	0	0	200,000	0	0	0	0	0	0	\$200,000
Infrastructure Painting Project	0	0	100,000	0	0	0	0	0	0	0	\$100,000
Irish Spring Lane Street Improvements	0	0	0	0	0	168,840	0	0	0	0	\$168,840
Irongate Drive Street Improvements	0	0	0	0	0	0	0	0	361,620	0	\$361,620
Jade Circle Street Improvements	0	0	0	0	0	0	530,400	0	0	0	\$530,400

**STREET IMPROVEMENT LONG RANGE PLAN
ADOPTED FY 2016/2017**

<u>Project Description</u>	<u>2016/2017 Adopted</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2023/2024 Estimated</u>	<u>2024/2025 Estimated</u>	<u>2025/2026 Estimated</u>	<u>Project Totals</u>
<i>New & Continuing Projects</i>											
Jerry Joe Drive Street Improvements	0	0	0	0	0	520,800	0	0	0	0	\$520,800
Juniper Drive Street Improvements	0	0	0	0	0	0	0	284,400	0	0	\$284,400
Kendra Lane Street Improvements	0	0	0	0	0	0	0	0	313,460	0	\$313,460
Kirk Lane Street Improvements	0	0	0	0	0	0	0	0	1,500,000	2,165,090	\$3,665,090
Lariat Trail Street Improvements	0	0	0	0	0	0	0	1,047,600	0	0	\$1,047,600
Lazy Lane Road Street Improvements	0	0	0	0	560,400	0	0	0	0	0	\$560,400
Little Ranch Road Street Improvements	0	0	0	0	0	0	0	0	0	691,200	\$691,200
Lynda Court Street Improvements	0	0	0	0	0	0	0	0	196,800	0	\$196,800
Main Street Streetscaping Project	0	461,000	0	0	0	0	0	0	0	0	\$461,000
Manor Drive Street Improvements	0	0	0	0	711,600	0	0	0	0	0	\$711,600
Maple Drive Street Improvements	0	0	0	0	0	1,142,400	0	0	0	0	\$1,142,400
Marie Street Street Improvements	0	0	0	0	0	475,200	0	0	0	0	\$475,200
Marilyn Lane Street Improvements	0	0	0	0	0	178,360	0	0	0	0	\$178,360
Marlene Court Street Improvements	0	0	0	0	0	0	0	168,700	0	0	\$168,700
Marlette Court Street Improvements	0	0	0	0	329,000	0	0	0	0	0	\$329,000
Mary Court Street Improvements	0	0	0	0	0	200,000	0	0	0	0	\$200,000
Mary Drive Street Improvements	0	0	0	0	0	0	0	0	0	482,160	\$482,160
Massey Court Street Improvements	0	0	0	0	0	358,000	0	0	0	0	\$358,000
Meadow Court Street Improvements	0	0	0	0	249,600	0	0	0	0	0	\$249,600
Meadow Lakes Court Street Improvements	0	0	0	0	0	0	0	0	200,000	0	\$200,000
Meadow Lakes Drive Street Improvements	0	0	0	0	0	0	0	0	4,154,000	0	\$4,154,000
Meadowpark Drive South Street Improvements	0	0	0	0	0	0	0	0	0	777,600	\$777,600
Mickey Street Street Improvements	0	0	0	0	0	673,200	0	0	0	0	\$673,200
North Hills Cul-de-sac Street Improvements	0	0	0	0	0	0	0	0	223,760	0	\$223,760
Northeast Parkway @ Davis Boulevard Intersection	0	0	0	0	0	0	0	300,000	0	0	\$300,000
Oak Knoll Drive Street Improvements	0	0	0	0	0	0	0	0	0	600,000	\$600,000
Onyx Drive South Street Improvements	0	0	0	0	0	0	0	0	0	734,400	\$734,400
Payte Lane Street Improvements	0	0	0	0	0	0	0	234,000	0	0	\$234,000
Parker Boulevard and Boulevard 26 Signalization	0	0	0	0	200,000	0	0	0	0	0	\$200,000
Pebble Court Street Improvements	0	0	0	0	0	0	0	364,800	0	0	\$364,800
Richland Court Street Improvements	0	0	0	0	187,200	0	0	0	0	0	\$187,200
Richfield Drive Street Improvements	0	0	0	0	0	0	720,000	0	0	0	\$720,000
Rogene Court Street Improvements	0	0	0	0	0	0	0	229,600	0	0	\$229,600
Rufe Snow Dr. Street & Utility Imp (Karen Dr to I.H. 820)	0	0	0	0	0	0	0	0	0	0	\$0
Rufe Snow Dr. Street & Utility Imp (Mid-Cities to Hightower)[TEA-21]	0	0	0	0	0	0	0	0	0	0	\$0
Rufe Snow Dr. & Glenview Drive Intersection Improvements	0	0	0	0	0	0	0	0	0	0	\$0
Sayers Lane Street Improvements	0	0	0	0	0	0	0	0	0	928,800	\$928,800
Shady Grove Road and Smithfield Road Signalization	0	0	0	0	200,000	0	0	0	0	0	\$200,000
Shady Grove Road Street Improvements	0	0	0	0	6,000,000	0	0	0	0	0	\$6,000,000
Shannon Lane Street Improvements	0	0	0	0	0	0	0	0	0	288,000	\$288,000
Sherri Lane Street Improvements	0	0	0	0	0	0	0	0	0	700,000	\$700,000
Signal Timing Synchronization Update	0	100,000	0	0	0	0	0	100,000	0	0	\$200,000
Sierra Drive Street Improvements	0	0	0	0	500,000	0	0	0	0	0	\$500,000
Simmons Road Street Improvements	0	0	0	0	0	0	0	0	0	400,000	\$400,000
Smithfield Road (Davis to Mid-Cities Blvd)	0	0	0	0	0	0	0	0	0	0	\$0
Smithfield Road and Hightower Drive Signalization	0	0	0	200,000	0	0	0	0	0	0	\$200,000
Smithfield Road Segment 1 (Turner to Mickey)	0	0	0	2,500,000	0	0	0	0	0	0	\$2,500,000
Smithfield Road Segment 2 (Mickey to Mid Cities)	0	0	0	4,500,000	0	0	0	0	0	0	\$4,500,000
Snider Street Extension Project	0	0	0	0	0	0	0	0	0	0	\$0
Southampton Drive Street Improvements	0	0	0	0	0	0	0	0	0	799,200	\$799,200
Spruce Court Street Improvements	0	0	0	0	0	0	180,000	0	0	0	\$180,000
Spurgeon Court Street Improvements	0	0	0	0	0	0	286,650	0	0	0	\$286,650
Starnes Road and Douglas Lane Signalization	0	0	0	0	0	0	200,000	0	0	0	\$200,000
Stewart Drive Street Improvements	0	0	0	0	472,800	0	0	0	0	0	\$472,800
Tamiami Court Street Improvements	0	0	0	0	0	0	162,000	0	0	0	\$162,000
Terry Drive Street Improvements	0	0	0	0	0	0	0	0	0	770,400	\$770,400

**STREET IMPROVEMENT LONG RANGE PLAN
ADOPTED FY 2016/2017**

<u>Project Description</u>	<u>2016/2017 Adopted</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2023/2024 Estimated</u>	<u>2024/2025 Estimated</u>	<u>2025/2026 Estimated</u>	<u>Project Totals</u>
<i>New & Continuing Projects</i>											
Timberidge Drive Street Improvements	0	0	0	0	0	0	0	0	0	782,400	\$782,400
Timberline Court Street Improvements	0	0	0	0	0	0	0	0	0	294,000	\$294,000
Traffic Signal Infrastructure Upgrades - Internal Components	0	0	0	0	0	689,275	0	0	0	0	\$689,275
Traffic Signalization at Davis Boulevard & Creek View Drive	0	0	0	0	0	0	0	0	0	0	\$0
Ulster Drive Street Improvements	0	0	0	0	0	0	0	0	0	500,000	\$500,000
Valley View Drive Street Improvements	0	0	0	0	0	706,800	0	0	0	0	\$706,800
Vance Road at Glenview Drive Signalization Infrastructure Upgrade	230,000	0	0	0	0	0	0	0	0	0	\$230,000
Walker Boulevard and Boulevard 26 Signalization Infrastructure Upgrades	0	0	0	0	0	0	300,000	0	0	0	\$300,000
Wheelwood Drive Street Improvements	0	0	0	0	0	0	0	218,400	0	0	\$218,400
Willowcrest Court North Street Improvements	0	0	151,200	0	0	0	0	0	0	0	\$151,200
Woodbend Park Street Improvements	0	0	0	0	0	0	0	217,000	0	0	\$217,000
<i>Total New & Continuing Street Improvements</i>	\$230,000	\$1,861,000	\$1,551,200	\$11,720,000	\$11,679,800	\$11,326,455	\$13,213,650	\$11,664,500	\$12,117,640	\$11,907,630	\$87,271,875
<i>Total Street Improvements Projects</i>	\$1,280,000	\$2,911,000	\$2,601,200	\$12,770,000	\$12,729,800	\$12,376,455	\$14,263,650	\$12,714,500	\$13,167,640	\$12,957,630	\$97,771,875
<i>Street Related Major Capital Equipment</i>											
Traffic Signal Communications Hub	0	0	0	0	0	0	0	0	0	0	\$0
<i>Total Street Related Major Capital Equipment</i>	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Total Project Costs</i>	\$1,280,000	\$2,911,000	\$2,601,200	\$12,770,000	\$12,729,800	\$12,376,455	\$14,263,650	\$12,714,500	\$13,167,640	\$12,957,630	\$97,771,875

NRH

Schedule 1

Street & Sidewalk Capital Projects

Budget Summary

Pg. No.	Map ID		Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs							
Continuing Projects							
33	1	Cloyce Court (Northeast Loop 820 to Maplewood Ave)	810,000	0	0	0 \$	810,000
35	2	Davis Blvd/Mid-Cities Blvd Intersection	5,200,726	0	0	0 \$	5,200,726
37	3	Grand Avenue (Library to HealthMarkets Access Road)	75,000	0	0	0 \$	75,000
39	-	Infrastructure Painting Project	100,000	0	0	0 \$	100,000
41	4	Main Street Streetscaping Project	66,000	0	461,000	0 \$	527,000
43	5	Meadow Lakes Drive & Rufe Snow Drive Intersection	1,315,000	0	0	0 \$	1,315,000
45	-	Preventive Street Maintenance (2016)	800,000	0	0	0 \$	800,000
47	6	Preventive Street Maintenance (College Circle Pavement Rehabilitation)	300,000	0	0	0 \$	300,000
49	7	Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)	1,535,950	0	0	0 \$	1,535,950
51	8	Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]	21,703,236	0	0	0 \$	21,703,236
53	9	Rufe Snow Drive & Glenview Drive Intersection Improvements	2,185,000	0	0	0 \$	2,185,000
55	-	Sidewalk Rehabilitation and Replacement Project	50,000	0	0	0 \$	50,000
57	10	Signal Timing Synchronization Update	95,000	0	0	0 \$	95,000
59	11	Smithfield Road (Davis Blvd to Mid-Cities Blvd)	2,200,000	0	0	0 \$	2,200,000
61	12	Snider Street Extension Project	2,800,050	0	0	0 \$	2,800,050
63	13	Traffic Signalization at Davis Boulevard & Creek View Drive	300,000	0	0	0 \$	300,000
Total Continuing Projects			\$ 39,535,962	\$ 0	\$ 461,000	\$ 0	\$ 39,996,962
New Projects							
64	-	Preventive Street Maintenance (2017)	0	1,000,000	0	0 \$	1,000,000
65	-	Sidewalk Rehabilitation and Replacement Project (2017)	0	50,000	0	0 \$	50,000
67	14	Vance and Glenview Signal Upgrades	0	230,000	0	0 \$	230,000
Total New Projects			\$ 0	\$ 1,280,000	\$ 0	\$ 0	\$ 1,280,000
Total Project Costs			\$ 39,535,962	\$ 1,280,000	\$ 461,000	\$ 0	\$ 41,276,962
Funding Sources							
General Obligation Bonds							
		G.O. Bonds 1985 Program	368,500	0	0	0	368,500
		G.O. Bonds 1994 Program	1,677,450	0	0	0	1,677,450
		G.O. Bonds 2003 Program	7,830,000	0	0	0	7,830,000
Total General Obligation Bonds			\$ 9,875,950	\$ 0	\$ 0	\$ 0	\$ 9,875,950
Certificates of Obligation							
		Certificates of Obligation	5,515,000	1,000,000	460,000	0	6,975,000
Total Certificates of Obligation			\$ 5,515,000	\$ 1,000,000	\$ 460,000	\$ 0	\$ 6,975,000
Federal/State Grants							
		ISTEA Grant Funds	2,240,040	0	0	0	2,240,040
		Other	550,000	0	0	0	550,000

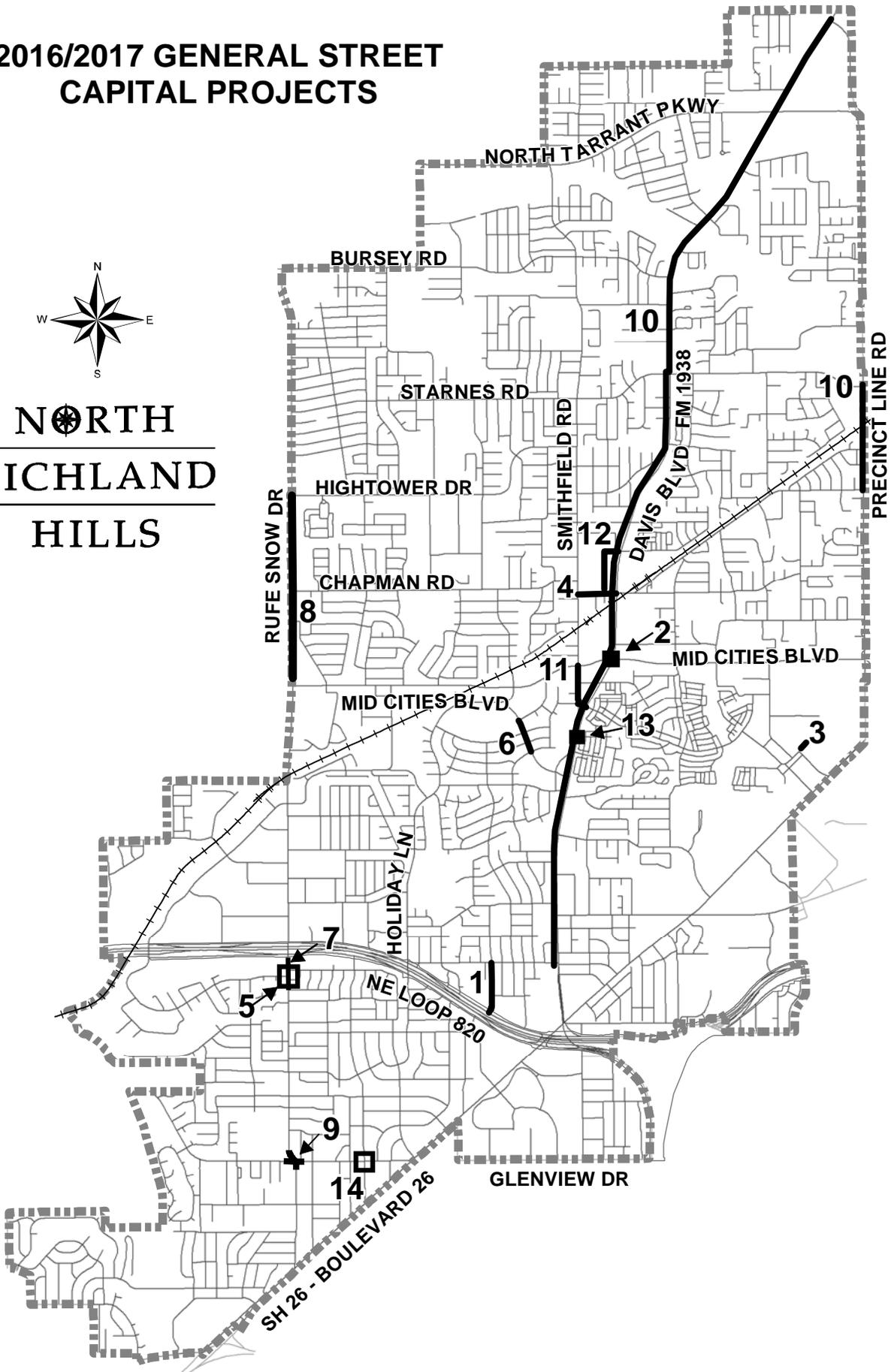
**Schedule 1
Street & Sidewalk Capital Projects
Budget Summary**

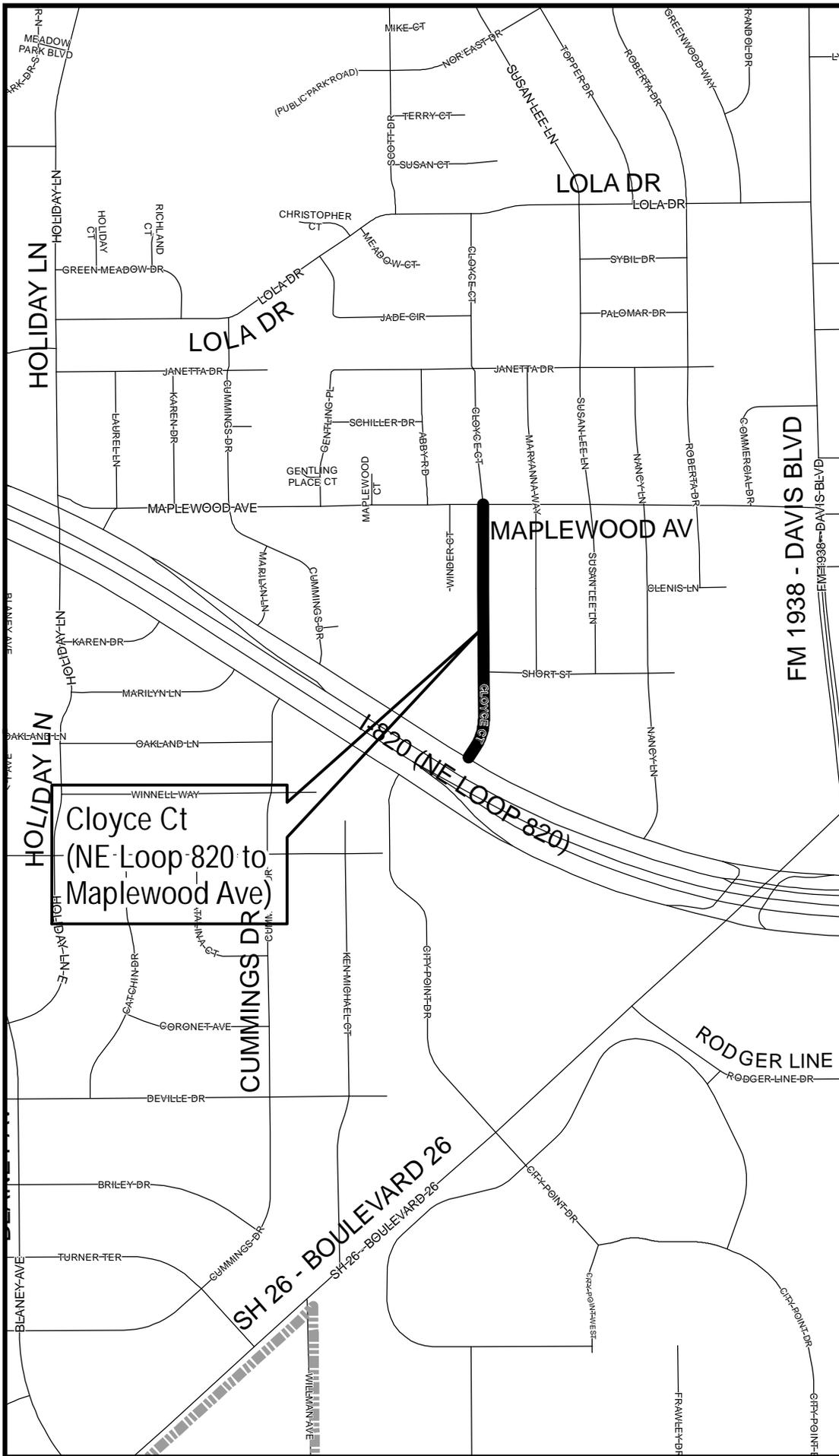
Pg. No.	Map ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
	TEA -21 Grant Funds	9,712,000	0	0	0	9,712,000
	TXDOT Funding	0	180,000	0	0	180,000
	Federal Grant	5,175,066	0	0	0	5,175,066
	Tarrant County Grant Funds	600,000	0	0	0	600,000
Total Federal/State Grants		\$ 18,277,106	\$ 180,000	\$ 0	\$ 0	\$ 18,457,106
Reserves						
	1994 Bond Program Project Savings	365,010	0	0	0	365,010
	G.O. Bonds 1994 Program	75,000	0	0	0	75,000
	Permanent Street Maintenance Fund	300,000	0	0	0	300,000
	Reserves	200,000	0	0	0	200,000
	Permanent Sidewalk Maintenance Fund	50,000	50,000	0	0	100,000
	Unspecified Project Savings	375,000	0	0	0	375,000
	Utility Operations for Capital Projects	310,000	0	0	0	310,000
	Project Savings	2,302,896	50,000	1,000	0	2,353,896
	Certificates of Obligation Project Savings	95,000	0	0	0	95,000
	Bond Program Project Savings	65,000	0	0	0	65,000
Total Reserves		\$ 4,137,906	\$ 100,000	\$ 1,000	\$ 0	\$ 4,238,906
Other						
	Other	1,730,000	0	0	0	1,730,000
Total Other		\$ 1,730,000	\$ 0	\$ 0	\$ 0	\$ 1,730,000
Total Sources of Funds		\$ 39,535,962	\$ 1,280,000	\$ 461,000	\$ 0	\$ 41,276,962

2016/2017 GENERAL STREET CAPITAL PROJECTS

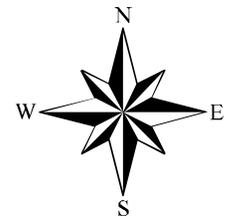


NORTH RICHLAND HILLS



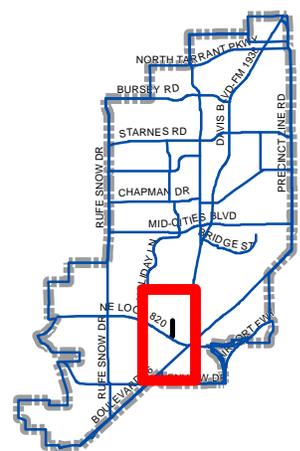


Cloyce Ct
(NE Loop 820 to
Maplewood Ave)



**NORTH
RICHLAND
HILLS**

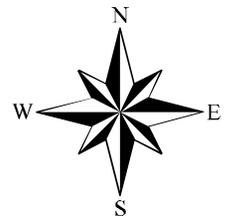
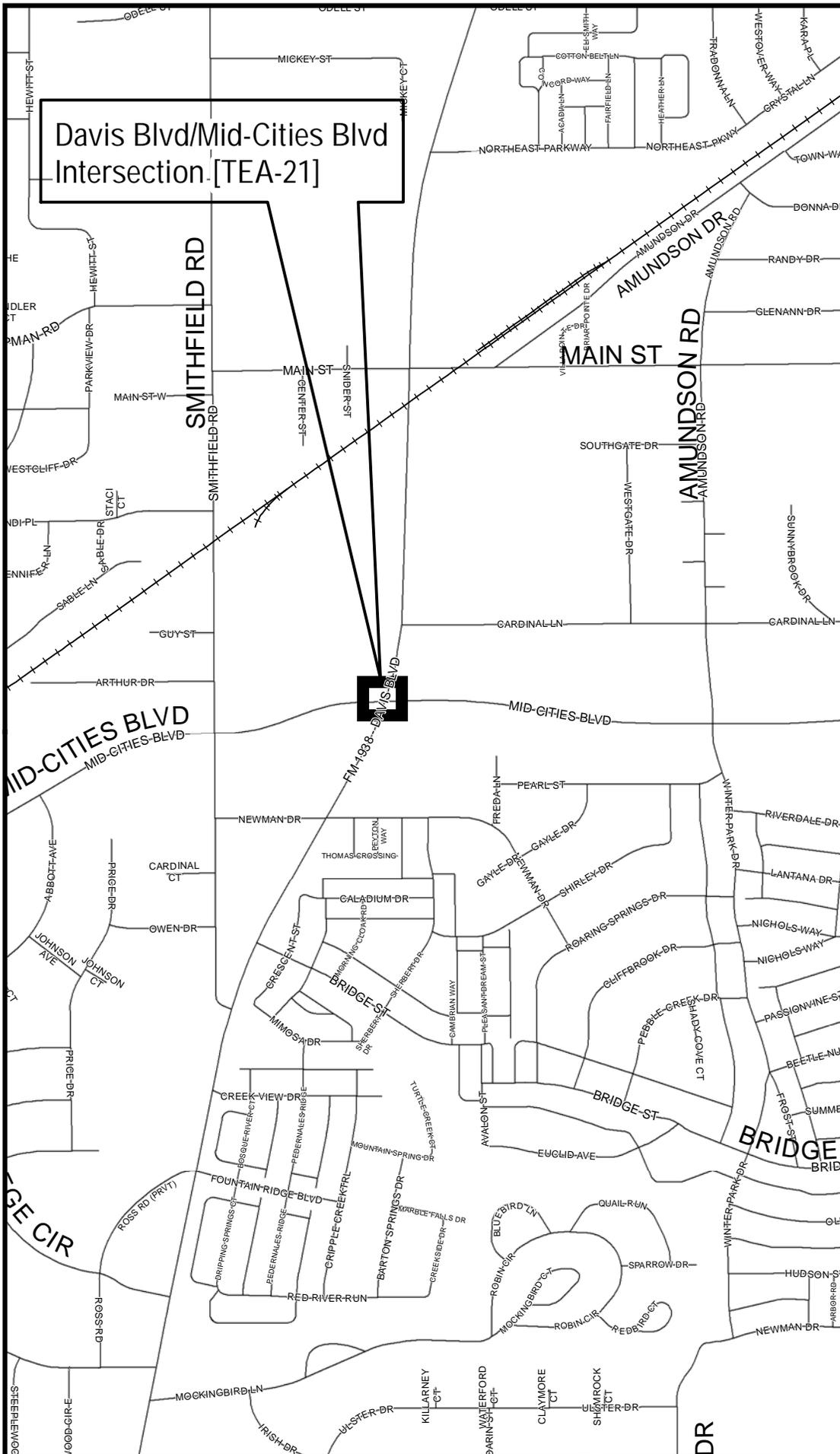
Project Locator Map



Scale: 1" = 800'

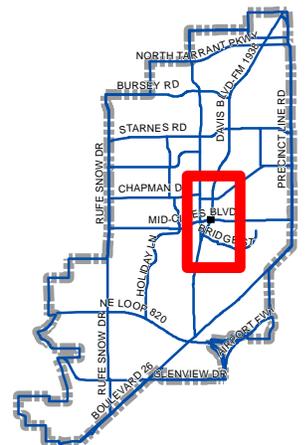
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Cloyce Court (Northeast Loop 820 to Maplewood Ave)				ST0902	
Project Description						
Cloyce Court is identified on the Master Thoroughfare Plan as a Residential, 2 Lane Undivided (R2U) roadway. It was, however, constructed 40 feet wide in 1965. This 2003 Bond Program project will consist of reconstructing approximately 1,400 feet of the existing asphalt street with a new 40 foot wide concrete section with sidewalks. The limits of the project will begin at the Loop 820 frontage road and end at Maplewood Ave. After the new street section is complete this section of Cloyce Ct. will meet all of the City's current paving and drainage standards. In addition, the 8" Sanitary Sewer line which currently is an old clay pipe will need to be replaced.						
Project Justification						
This section of Cloyce Ct. serves as the main entrance to the Loop 820 frontage road from the north. Most of Cloyce Ct. is fronted by multifamily, but there are some commercial uses at the frontage road. This section of Cloyce Ct. was originally constructed in 1965. The street is approximately 47 years old and was last overlaid in 1984. The current street condition rating is 41. This rating is considered to be poor consisting of significant surface deterioration. The beginning construction date indicated in the schedule is an estimate. The actual begin construction date is being coordinated with the NTE project. The city plans to begin construction after the utilities are adjusted for the NTE project. An old clay sanitary sewer line pipe will be replaced with an 8" PVC pipe.						
General Obligation Bond funding is from the 2003 Bond Program. The reserve funding is from utility reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$750,000	
Engineering/Design	06/2009	08/2015	Adopted Budget	2015-16	\$200,000	
Land/ROW Acquisition			Revision	2015-16	(\$140,000)	
Construction	04/2016	01/2017	Total		\$810,000	
Other						
Total Schedule	06/2009	01/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds	610,000	0	0	0	\$610,000	
Certificates of Obligation						
Federal/State Grants						
Reserves	200,000	0	0	0	\$200,000	
Sales Tax						
Other						
Total Funding	\$810,000	\$0	\$0	\$0	\$810,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	100,000	0	0	0	\$100,000	
Land/ROW Acquisition						
Construction	710,000	0	0	0	\$710,000	
Other						
Total Costs	\$810,000	\$0	\$0	\$0	\$810,000	
Operating Impact						
Road maintenance and other operating items should be nominal the first 5 to 10 years for this project.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Davis Blvd/ Mid-Cities Blvd Intersection [TEA-21]



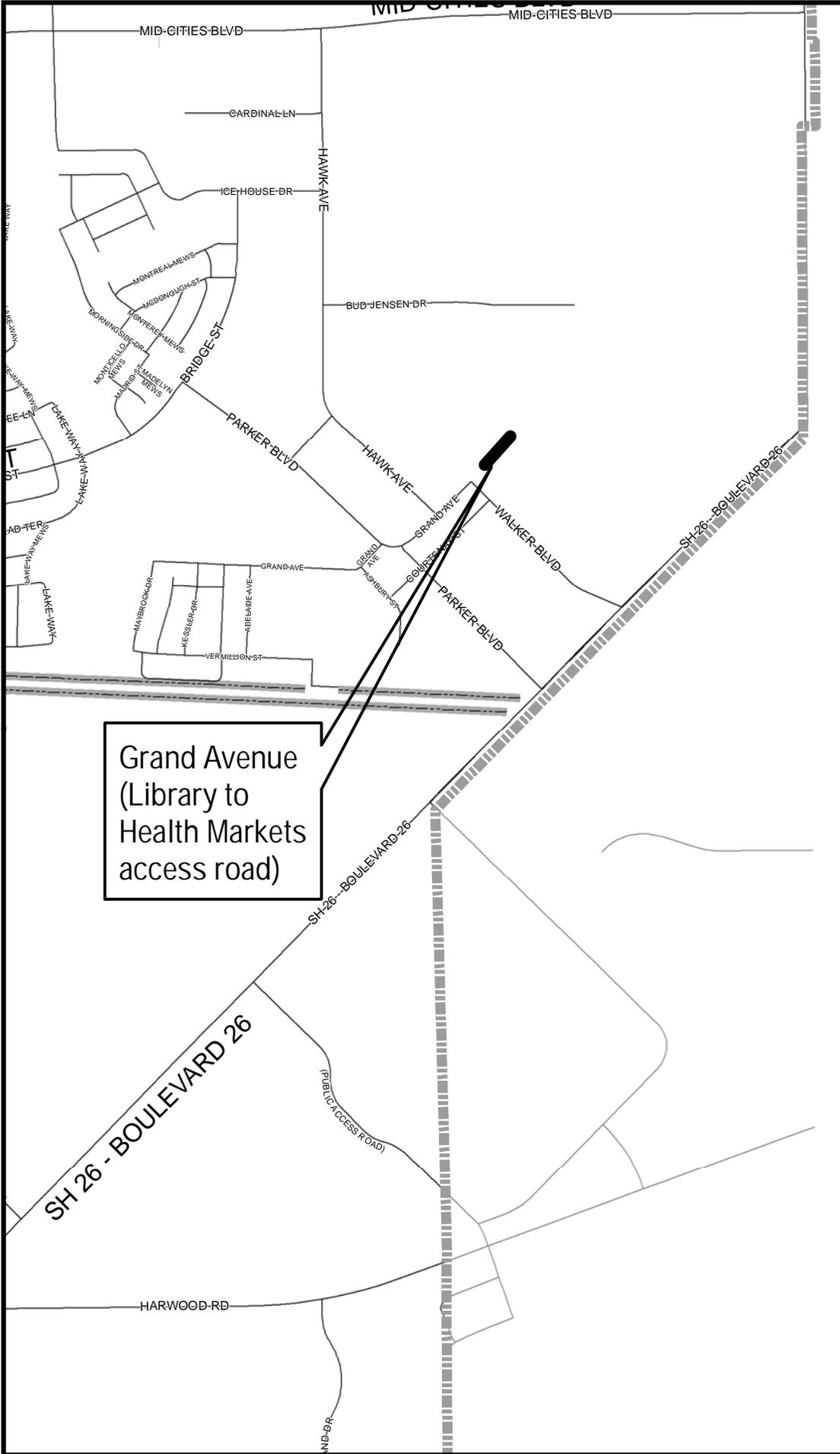
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

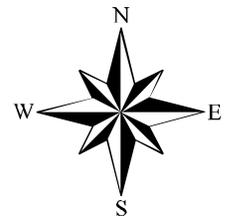
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Davis Blvd/Mid-Cities Blvd Intersection				ST0401	
Project Description						
This project consists of intersection improvements at the Davis Blvd and Mid-Cities Blvd Intersection. The improvements include adding additional right and left turn lanes, signalization improvements, and all necessary water and sewer main adjustments. This project is a 2003 Bond Program Project.						
Project Justification						
This intersection is located on a major east/west and north/south thoroughfare that runs through NE Tarrant County. Heavy traffic congestion is experienced during peak hours. As of 2006, more than 53,000 vehicles travel through this intersection per day. In the future, this intersection will experience significant development which will add to the traffic congestion. Improvements to this intersection will reduce the traffic congestion and provide added capacity to handle future traffic volumes.						
Note: The Congestion Mitigation and Air Quality (CMAQ) grant reimburses the City after each invoice is paid. The TXDOT reimbursement takes about 90 days. The Engineering/Design schedule shown for this project also includes the necessary time for all public meetings as well as the time for the mandatory Environmental Assessment (EA) that typically takes 6 to 10 months. Additional TxDot requirements have resulted in a scope and budget change which increased the original funding by an additional \$1,625,000. The additional funding consists of: \$1,150,000 NCTCOG Grant and \$475,000 of project savings from recently completed projects.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2003	05/2008	Adopted Budget	2003-04	\$2,000,000	
Engineering/Design	07/2008	10/2014	Revision	2010-11	\$1,625,000	
Land/ROW Acquisition	08/2014	08/2016	Adopted Budget	2014-15	\$1,575,726	
Construction	11/2016	06/2017	Total		\$5,200,726	
Other						
Total Schedule	10/2003	06/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds	500,000	0	0	0	\$500,000	
Certificates of Obligation	500,000	0	0	0	\$500,000	
Federal/State Grants	3,325,066	0	0	0	\$3,325,066	
Reserves	875,660	0	0	0	\$875,660	
Sales Tax						
Other						
Total Funding	\$5,200,726	\$0	\$0	\$0	\$5,200,726	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	107,000	0	0	0	\$107,000	
Engineering/Design	536,971	0	0	0	\$536,971	
Land/ROW Acquisition	400,000	0	0	0	\$400,000	
Construction	4,156,755	0	0	0	\$4,156,755	
Other						
Total Costs	\$5,200,726	\$0	\$0	\$0	\$5,200,726	
Operating Impact						
No additional impact is projected with this project.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



Grand Avenue
(Library to
Health Markets
access road)

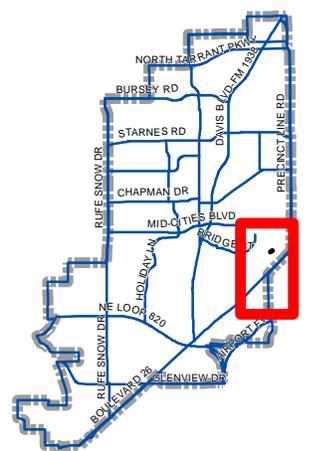
Grand Avenue

(Library to
Health Markets
access road)



NORTH
RICHLAND
HILLS

Project Locator Map



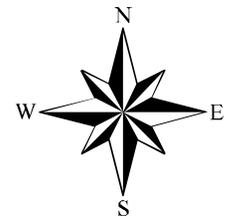
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Grand Avenue (Library to HealthMarkets Access Road)				ST0904	
Project Description						
This project consists of extending the paving improvements on Grand Avenue next to the new library where the Public Works Department has temporarily placed asphalt. Specifically, the limits of this project are from the end of the current concrete section of Grand Avenue to the HealthMarkets Access Road. Portions of this project were included as additive alternates in the "Grand Avenue Street and Utility Improvements" project (ST0702); however, the project funding was unable to support additional improvements beyond the base project. The current asphalt section will be replaced with a 26 foot wide concrete pavement section. This section will only consist of 2 lanes for traffic. The on-street parking will be installed by the developer.						
Project Justification						
This section of Grand Avenue is between the library and Arcadia's property extending to HealthMarkets' parking lot. Presently, an asphalt pavement section exists for HealthMarkets' employees to Grand Avenue. The City is responsible for any improvements identified on City owned property on one side of the street. On-street parking is excluded from the project because it is the responsibility of the adjoining developer (Arcadia). This project has not begun as the adjoining property owners (Arcadia and HealthMarkets) have not completed their development plans for this area. The exact location of this road will be impacted by these development plans. The actual beginning construction date will be coordinated with the development of the adjacent land.						
Note: The "reserves" shown are from the 1994 Bond Program project savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$75,000	
Engineering/Design	08/2017	01/2018	Total		\$75,000	
Land/ROW Acquisition						
Construction	03/2018	01/2019				
Other						
Total Schedule	08/2017	01/2019				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	75,000	0	0	0	\$75,000	
Sales Tax						
Other						
Total Funding	\$75,000	\$0	\$0	\$0	\$75,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	10,000	0	0	0	\$10,000	
Land/ROW Acquisition						
Construction	65,000	0	0	0	\$65,000	
Other						
Total Costs	\$75,000	\$0	\$0	\$0	\$75,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Infrastructure Painting Project				ST1601	
Project Description						
This project will consist of painting or re-painting city infrastructure in the public's view throughout the City whose appearance has fallen below our appearance standards. The infrastructure would include items such as previously painted guard rails, fencing, street light poles, traffic signal poles, and mast arms, and other miscellaneous items. Additionally, this project would be used to apply a coat of paint consistent with the color of concrete and an anti-graffiti coating to some of the City's drainage structures where graffiti appears on a normal basis.						
Project Justification						
Some of the city owned and maintained infrastructure has become aged and its appearance no longer meets our standards. The structures are functioning as they were intended so replacement isn't needed at this time. Additionally, Public Works Staff is spending an increased amount of time on graffiti abatement on or near our drainage structures, specifically box culverts, headwalls, and wing walls. Typically the North Richland Hills Trail System intersects or parallels these drainage systems where graffiti is usually present. Graffiti in these areas projects a negative message and appearance to the trail users.						
Note: Street Maintenance Reserves from prior project savings.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2015-16	<u>\$100,000</u>		
		Total		<u>\$100,000</u>		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	10/2015	10/2017				
Other						
Total Schedule	<u>10/2015</u>	<u>10/2017</u>				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	100,000	0	0	0	\$100,000	
Sales Tax						
Other						
Total Funding	<u>\$100,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$100,000</u>	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	100,000	0	0	0	\$100,000	
Other						
Total Costs	<u>\$100,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$100,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

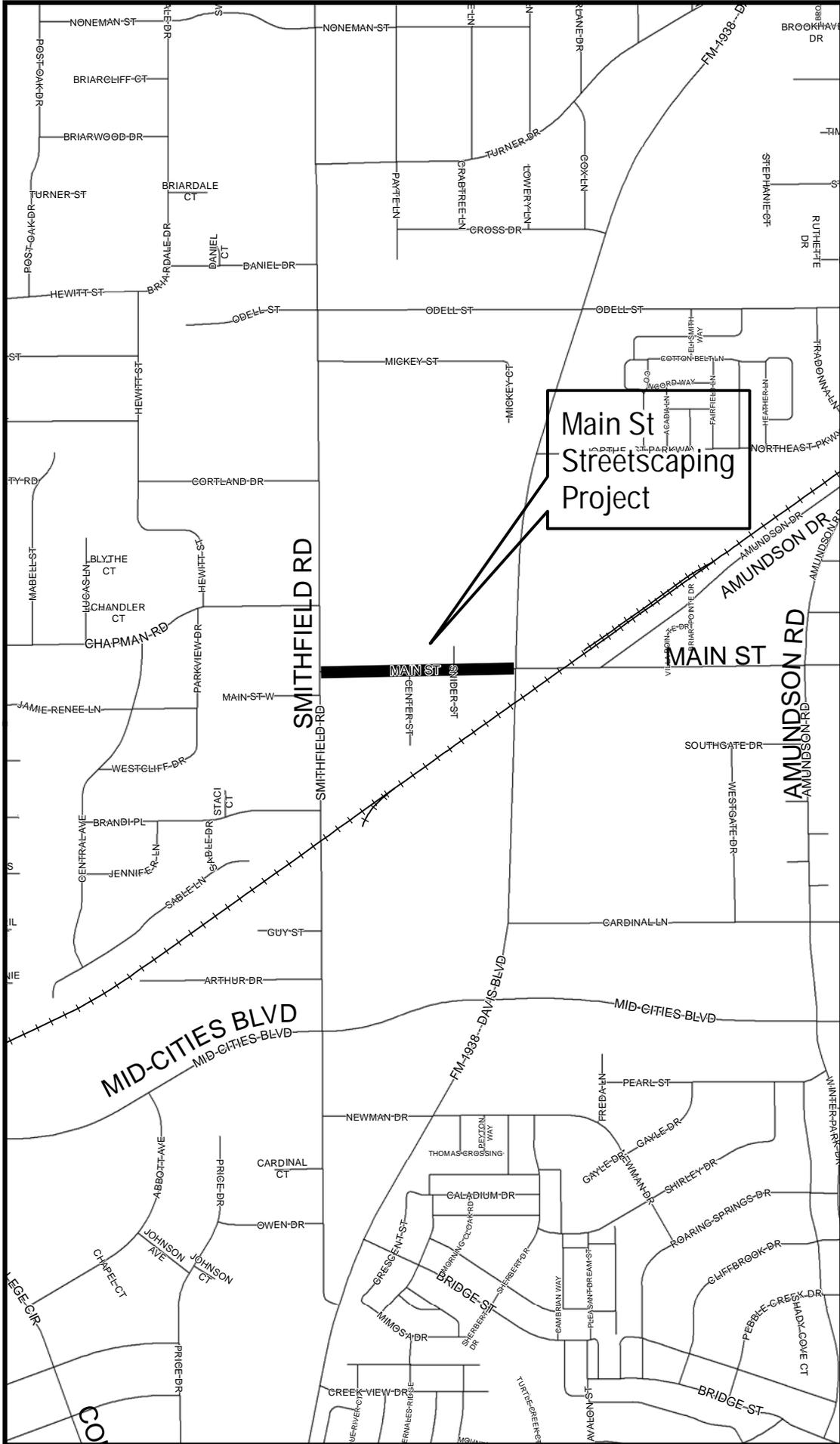
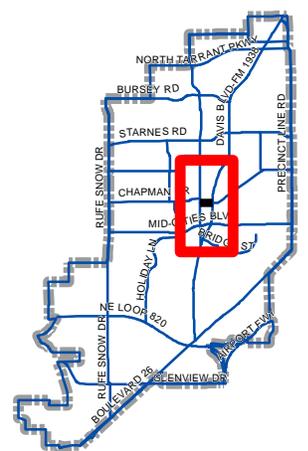
Main St Streetscaping Project

Main St Streetscaping Project



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

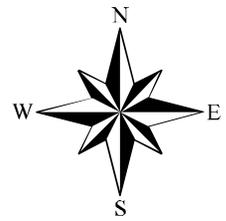
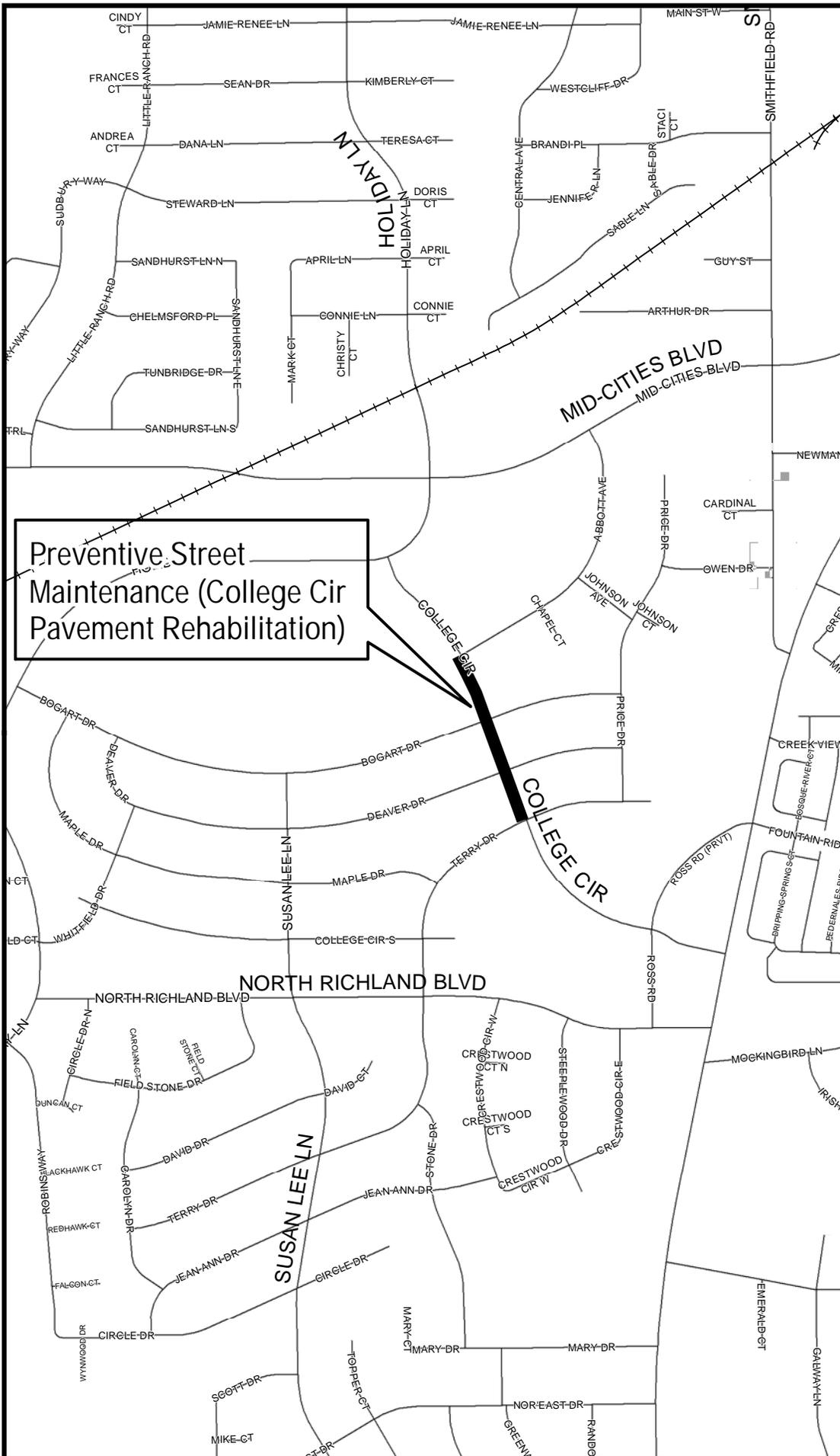
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Main Street Streetscaping Project				ST1101	
Project Description						
Main Street between Davis Boulevard and Smithfield Road is designated for a pedestrian friendly, mixed use environment directly adjacent to the future Smithfield commuter rail station as part of the approved Smithfield TOD district. The existing Main Street pavement section is 36 feet wide with no sidewalks or organized street tree plantings or features. Scheduled improvements include 11 foot wide sidewalks with street trees, pedestrian lights, bench seats, trash receptacles, bike racks and crosswalk striping. Also included is restriping Main Street to allow for on street parking and funds for right way to provide streetscaping improvements.						
Project Justification						
The Main Street Streetscaping Project is designated for a pedestrian friendly mixed use environment directly adjacent to the future Smithfield Rail Station as part of the approved Smithfield TOD District. This project was part of a COG Sustainable Development grant submittal. Scheduled streetscape improvements will provide a more walkable and inviting area that will enhance the Smithfield District in encouraging more restaurants and shops complementing the future Smithfield Rail Station.						
Funding sources are General CIP GO Project Savings Reserves and Certificates of Obligation Issuance.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$527,000	
Engineering/Design	03/2017	10/2017	Total		<u>\$527,000</u>	
Land/ROW Acquisition	03/2016	09/2016				
Construction	03/2018	10/2019				
Other						
Total Schedule	<u>03/2016</u>	<u>10/2019</u>				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	0	460,000	0	\$460,000	
Federal/State Grants						
Reserves	66,000	0	1,000	0	\$67,000	
Sales Tax						
Other						
Total Funding	<u>\$66,000</u>	<u>\$0</u>	<u>\$461,000</u>	<u>\$0</u>	<u>\$527,000</u>	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	46,000	0	0	0	\$46,000	
Land/ROW Acquisition	20,000	0	0	0	\$20,000	
Construction	0	0	461,000	0	\$461,000	
Other						
Total Costs	<u>\$66,000</u>	<u>\$0</u>	<u>\$461,000</u>	<u>\$0</u>	<u>\$527,000</u>	
Operating Impact						
No impact on operating budget.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Meadow Lakes Drive & Rufe Snow Drive Intersection				PW1602	
Project Description						
The area along Rufe Snow, south of LP 820, is severely congested with 7 different ingress/egress points within a 700 foot span. The project proposes the conversion of the current Rufe Snow/Meadow Lakes 3 way signalized intersection into a 4 way signalized intersection that would be a separate but complimentary project to ST0102 - Rufe Snow Drive Street & Utility Improvements, which calls for a raised median along Rufe Snow. This project would extend Meadow Lakes east of Rufe Snow, connecting to the commercial area along LP 820. The project would also eliminate 3 of the 7 ingress/egress points within the 700 foot span.						
Project Justification						
In January of 2012, City Council requested staff to proceed with a long term plan to reduce congestion, improve safety and enhance mobility in this particular area. According to internal traffic counts, there are over 30,000 cars per day along Rufe Snow between Karen Drive and LP 820, with automobiles stacking well south of Marilyn Lane during peak periods. As the LP 820 corridor redevelops, increase traffic volume and improved access to and from commercial areas on the south side of LP 820 will be necessary.						
Note: Funding is from Certificates of Obligation.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2015-16	\$1,315,000		
Engineering/Design	05/2016	09/2017	Total	\$1,315,000		
Land/ROW Acquisition	05/2016	09/2017				
Construction	05/2016	09/2017				
Other						
Total Schedule	05/2016	09/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	1,315,000	0	0	0	\$1,315,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$1,315,000	\$0	\$0	\$0	\$1,315,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design	80,000	0	0	0	\$80,000	
Land/ROW Acquisition	435,000	0	0	0	\$435,000	
Construction	800,000	0	0	0	\$800,000	
Other						
Total Costs	\$1,315,000	\$0	\$0	\$0	\$1,315,000	
Operating Impact						
No operating impact is anticipated						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

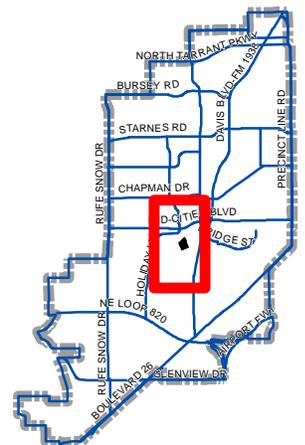
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Preventive Street Maintenance (2016)				SM1601	
Project Description						
This is an annual program where funds are dedicated to enhance the city's efforts for preventive maintenance of city streets. The scope of this project provides crack sealing for approximately 15-25 streets, slurry seals for 15-25 streets and a 2" asphalt overlay for 12-15 streets. In addition to these three maintenance methods, staff will be searching for new preventive procedures to consider in the future.						
Project Justification						
Preventive maintenance actively delays more costly street reconstruction and extends the life of the current street system. This project provides staff with funding to apply the appropriate maintenance activities to the streets selected for the program. Depending on the current condition of the street and the type of preventive measures taken, the street life can be extended for a minimum cost in comparison to a total reconstruction.						
Funding sources are Permanent Street Maintenance Fund Reserves at \$800,000.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2015-16	\$800,000		
		Total		\$800,000		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	10/2015	09/2017				
Other						
Total Schedule	10/2015	09/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	800,000	0	0	0	\$800,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$800,000	\$0	\$0	\$0	\$800,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	800,000	0	0	0	\$800,000	
Other						
Total Costs	\$800,000	\$0	\$0	\$0	\$800,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Preventive Street Maintenance (College Cir Pavement Rehabilitation)



NORTH RICHLAND HILLS

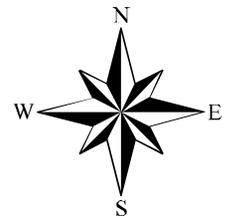
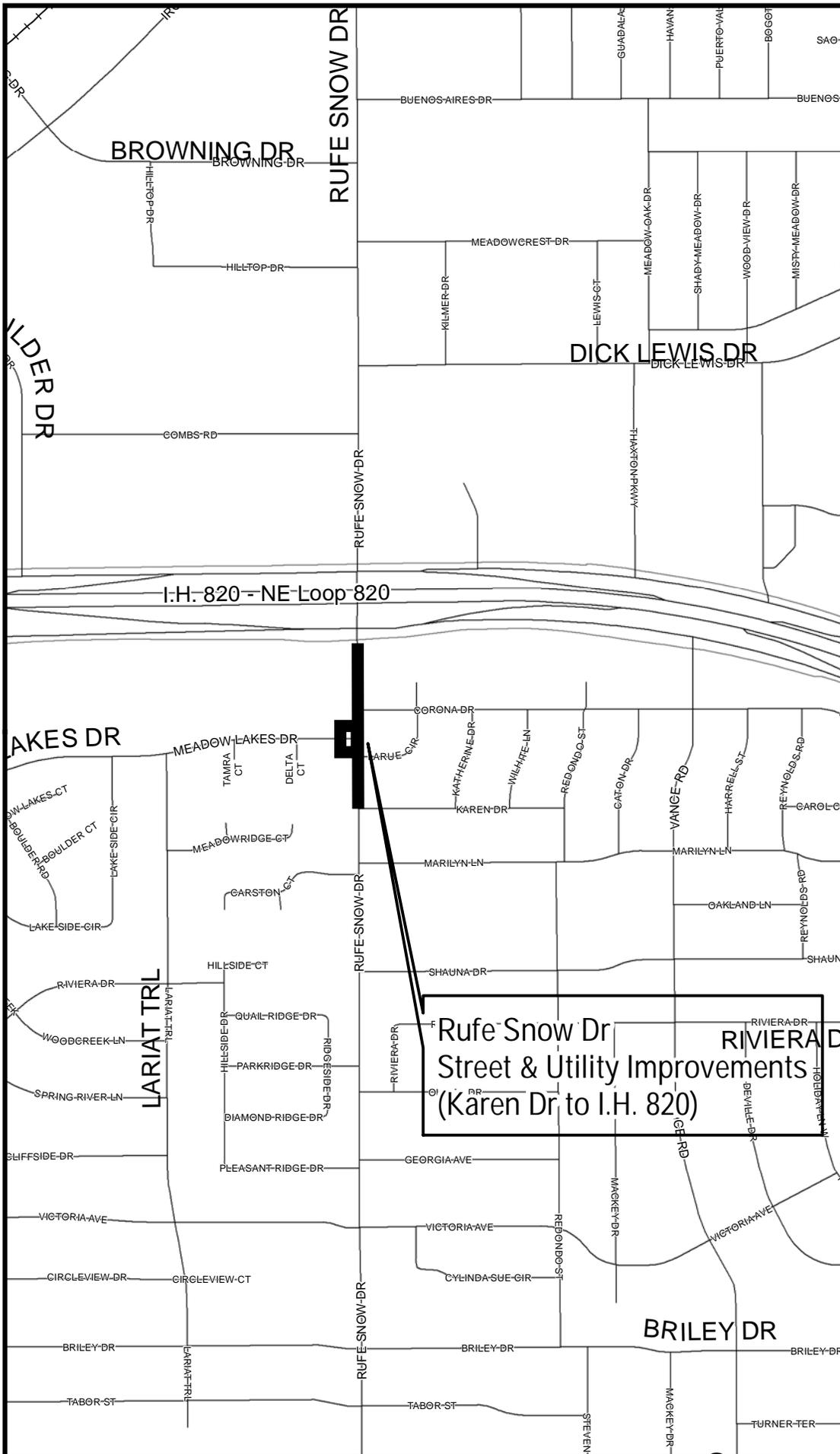
Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Preventive Street Maintenance (College Circle Pavement Rehabilitation)				SM1502	
Project Description						
This project is located along College Circle, beginning just north of Abbot Avenue and continuing to Terry Drive. This reconstruction consists of removing and replacing deteriorated curb and gutter, valley gutters, and drive approaches that do not provide adequate drainage. This will be a project where the City and County partner. Tarrant County Precinct #3 will stabilize the subgrade and city crews will place asphalt for the driving surface.						
Project Justification						
This portion of College Circle is in poor condition. This section of College Circle is one of the main streets used by the students, teachers, and parents visiting Fort Worth Chirtian School, receives a lot of traffic as it is. The street has had numerous utilities and storm drain lines replaced underneath in the past several years so the pavement surface and subgrade is in such poor condition that staff spends a considerable amount of time on repairs.						
Funding Source is the Permanent Street Maintenance Fund Reserves.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2014-15	<u>\$300,000</u>		
		Total		<u>\$300,000</u>		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	10/2014	10/2016				
Other						
Total Schedule	<u>10/2014</u>	<u>10/2016</u>				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	300,000	0	0	0	\$300,000	
Sales Tax						
Other						
Total Funding	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	300,000	0	0	0	\$300,000	
Other						
Total Costs	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

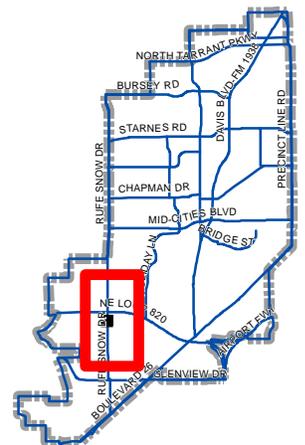
Rufe Snow Dr Street & Utility Improvements

(Karen Dr to
I.H. 820)



NORTH
RICHLAND
HILLS

Project Locator Map



Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)	ST0102

Project Description

This project begins at Karen Drive and ends on the north side of Corona Drive (approximate ending of the TxDOT Bridge project). The intersection at Meadowlakes Drive will be improved as part of this project. Rufe Snow Drive will be widened with right turn lanes and improved signalization. This section will transition from the wider section at the bridge to the 4 lane section at Karen Drive. The project will be constructed as a concrete street with sidewalks and all necessary water and sewer main adjustments. Street lights and signalization at Meadow Lakes will be constructed to the City's standards.

Project Justification

This section of Rufe Snow Drive was originally constructed in the 1960's as an asphalt street. The average life of an asphalt street is 20 years. This street is over 40 years old and has never been overlaid. The current street condition rating is 45. This rating is considered to be Poor, consisting of significant potholes, complete surface deterioration, and misaligned curb and pavement surface. The additional lanes added to this section of Rufe Snow will reduce traffic congestion at the freeway frontage roads.

The \$100,000 shown as "reserves" is from Utility Operations for Capital Projects. \$368,500 is from the 1985 General Obligation Bond Election and \$417,450 is from the 1994 General Obligation Bond Election.

Note: The begin construction date indicated in the schedule is only an estimate. The actual begin date will be coordinated with other phases of the NTE Loop 820 Widening project so we don't have the Iron Horse Bridge and the Rufe Snow bridge under construction at the same time.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	1996-97	\$737,000
Engineering/Design	01/2001	05/2008	Revision	1997-98	\$177,450
Land/ROW Acquisition	08/2008	01/2015	Revision	2001-02	(\$28,500)
Construction	11/2015	12/2016	Revision	2014-15	\$500,000
Other			Revision	2015-16	\$140,000
Total Schedule	<u>01/2001</u>	<u>12/2016</u>	Revision	2015-16	\$10,000

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds	1,425,950	0	0	0	\$1,425,950
Certificates of Obligation					
Federal/State Grants					
Reserves	110,000	0	0	0	\$110,000
Sales Tax					
Other					
Total Funding	<u>\$1,535,950</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,535,950</u>

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	170,000	0	0	0	\$170,000
Land/ROW Acquisition	198,331	0	0	0	\$198,331
Construction	1,167,619	0	0	0	\$1,167,619
Other					
Total Costs	<u>\$1,535,950</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$1,535,950</u>

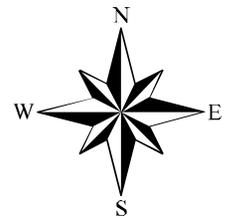
Operating Impact

Road maintenance and other operating expenses should be nominal during the first 5 to 10 years for this project.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

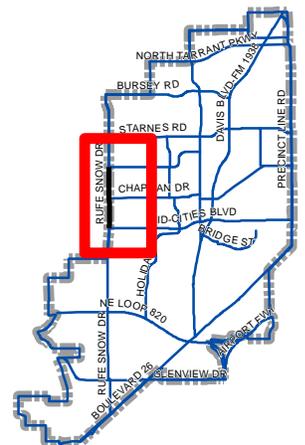
Rufe Snow Dr Street & Utility Improvements

(Mid-Cities Blvd
to
Hightower Dr)
[ITEA-21]

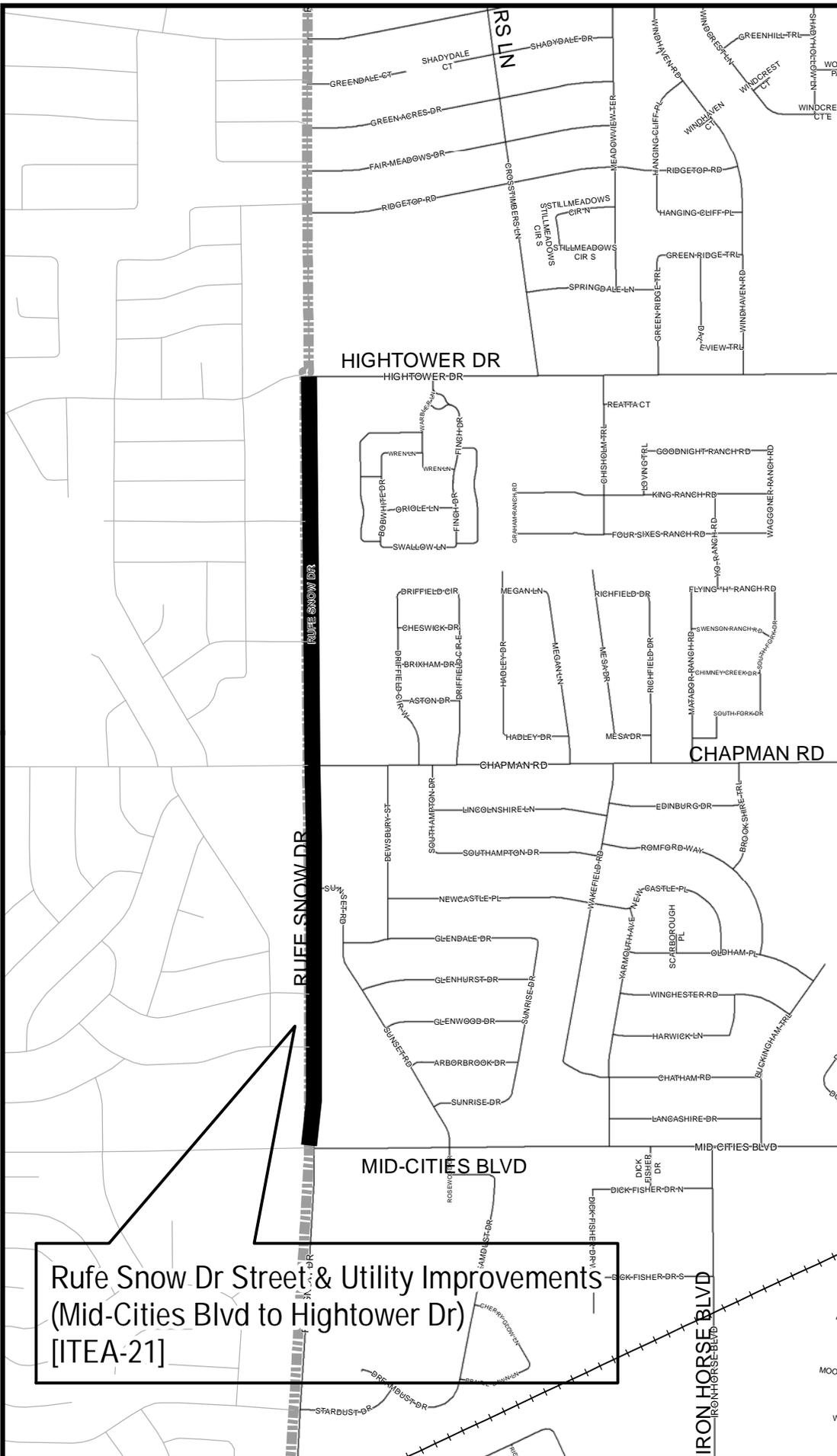


NORTH RICHLAND HILLS

Project Locator Map



Rufe Snow Dr Street & Utility Improvements
(Mid-Cities Blvd to Hightower Dr)
[ITEA-21]



Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]	ST0202

Project Description

This project widens approximately 5,300 feet of the existing 5-lane thoroughfare to 7-lanes. This section of Rufe Snow Drive will be reconstructed as a concrete street with sidewalks along both sides, signalization improvements at the major intersections and all necessary water and sewer main adjustments. The funding for design will be provided by the 1994 Bond Program and Federal Grants (TEA-21). The funding for the construction phase of this project will come from the 2003 Bond Program and Federal Grants.

Project Justification

The development that has taken place in recent years in Northeast Tarrant County has caused traffic volumes to increase along this section of Rufe Snow. Currently, the traffic counts are 29,355 vehicles per day. This area of Rufe Snow is also adjacent to commercial property. Additional lanes are needed for this section of Rufe Snow to reduce traffic congestion. Since this project will be coordinated with Texas Department of Transportation (TxDOT), all schedules are subject to change by TxDOT. Like any other TxDOT project, this project will also be subject to state and federal reviews, an environmental assessment and a public hearing meeting will need to be conducted.

Note: The 2003 general obligation bonds are supported by the Utility Fund fee revenue. The \$7,562,000 identified in "Federal/State Grants" represents \$600,000 from the Tarrant County Bond Program and \$6,962,000 from NCTCOG grants. The 2008-09 General Obligation Bonds include \$3,600,000 from the North Tarrant Parkway 2003 Bond Election project authorization.

For FY 2015 funding is from Certificates of Obligation as well as grants and reserves funding from General CIP project savings and general project savings.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2001	10/2007	Adopted Budget	2001-02	\$11,610,000
Engineering/Design	03/2008	03/2014	Revision	2006-07	\$2,117,000
Land/ROW Acquisition	04/2011	06/2014	Adopted Budget	2014-15	\$7,976,236
Construction	03/2016	11/2018	Total		\$21,703,236
Other					
Total Schedule	10/2001	11/2018			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds	5,690,000	0	0	0	\$5,690,000
Certificates of Obligation	2,900,000	0	0	0	\$2,900,000
Federal/State Grants	12,162,000	0	0	0	\$12,162,000
Reserves	951,236	0	0	0	\$951,236
Sales Tax					
Other					
Total Funding	\$21,703,236	\$0	\$0	\$0	\$21,703,236

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	1,600,000	0	0	0	\$1,600,000
Land/ROW Acquisition	7,033,236	0	0	0	\$7,033,236
Construction	13,070,000	0	0	0	\$13,070,000
Other					
Total Costs	\$21,703,236	\$0	\$0	\$0	\$21,703,236

Operating Impact

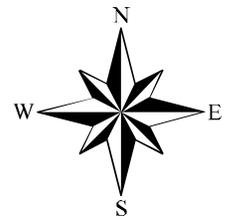
Road maintenance and other operating expenses should be nominal during the first 5 to 10 years for this project.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Rufe Snow Dr/ Glenview Dr Intersection Improvements

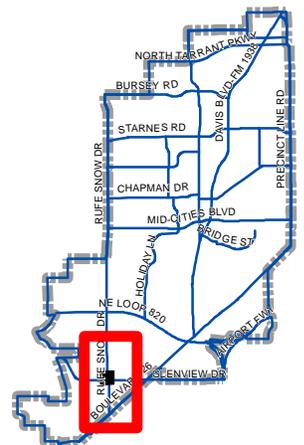


Rufe Snow Dr/
Glenview Dr
Intersection Imps



NORTH
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HILLS

Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Rufe Snow Drive & Glenview Drive Intersection Improvements				ST1201	
Project Description						
This project consists of improvements to the intersection of Rufe Snow Dr. and Glenview Dr. Glenview Dr. will be widened to provide dedicated left turn lanes for the eastbound and westbound leg of the intersection and realign the southbound segment of Rufe Snow Dr. to shift the dedicated right turn lane adjacent to the other travel lanes. Additionally, aesthetic improvements will be installed which include a public art exhibit at the northwest corner of the intersection, landscaping features, burying power lines at the immediate intersection and brick pavers at crosswalks.						
Project Justification						
The Rufe Snow Drive and Glenview Drive intersection was originally identified as part of the South Grapevine Corridor Study. This intersection serves as an important connection between the residents in the southern portion of the City with major street corridors such as Boulevard 26 and Loop 820. Improving this intersection would be the first step in stimulating private development in and around the area. In 2009, a study was completed to evaluate alternatives for reconfiguring and revitalizing this intersection. The recommendations from the study included aesthetic improvements at the intersection in conjunction with expanding the intersection to its ultimate configuration.						
These improvements meet the long-term goals of the City in terms of economic growth and traffic safety and incorporate recommendations identified in the 2009 intersection study. These improvements will likely necessitate the acquisition and removal of the existing structure located in the island at this intersection. This will significantly increase sight visibility for motorists traveling through the intersection. The project will be completed in two phases. Phase I will consist of the acquisition and removal of the existing structure. Phase II will be the construction of the roadway which will begin in a few years. Funding source is Street Project Savings, Other Funding is from a developer city agreement.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$1,435,000	
Engineering/Design	11/2011	09/2017	Revision	2015-16	(\$550,000)	
Land/ROW Acquisition	06/2014	09/2017	Revision	2015-16	\$1,300,000	
Construction	11/2018	11/2019	Total		\$2,185,000	
Other						
Total Schedule	11/2011	11/2019				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	0	0	0	\$0	
Reserves	885,000	0	0	0	\$885,000	
Sales Tax						
Other	1,300,000	0	0	0	\$1,300,000	
Total Funding	\$2,185,000	\$0	\$0	\$0	\$2,185,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	500,000	0	0	0	\$500,000	
Land/ROW Acquisition	300,000	0	0	0	\$300,000	
Construction	1,385,000	0	0	0	\$1,385,000	
Other						
Total Costs	\$2,185,000	\$0	\$0	\$0	\$2,185,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Sidewalk Rehabilitation and Replacement Project	SD1601

Project Description

This project provides for rehabilitation of the city's sidewalk system. Funding will allow for the replacement of approximately 50,000 square feet of deteriorated sidewalks or the construction of new sidewalks in residential and high pedestrian areas.

Project Justification

One of the city's goals is to revitalize some of the "older" sections of the city. This sidewalk rehabilitation is an excellent way to improve the older neighborhoods. This project would allow for staff to address numerous citizen initiated requests to provide sidewalk rehabilitation to their neighborhood. The department has identified various locations throughout the city that are in need of sidewalk replacement. This project will allow staff the funding to begin making necessary repairs at these locations.

Funding source is Sidewalk Maintenance Reserves Fund.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2015-16	\$50,000
Engineering/Design			Total		\$50,000
Land/ROW Acquisition					
Construction	10/2015	09/2017			
Other					
Total Schedule	10/2015	09/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	50,000	0	0	0	\$50,000
Sales Tax					
Other					
Total Funding	\$50,000	\$0	\$0	\$0	\$50,000

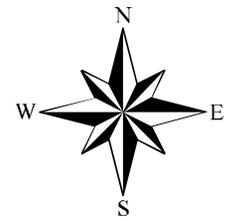
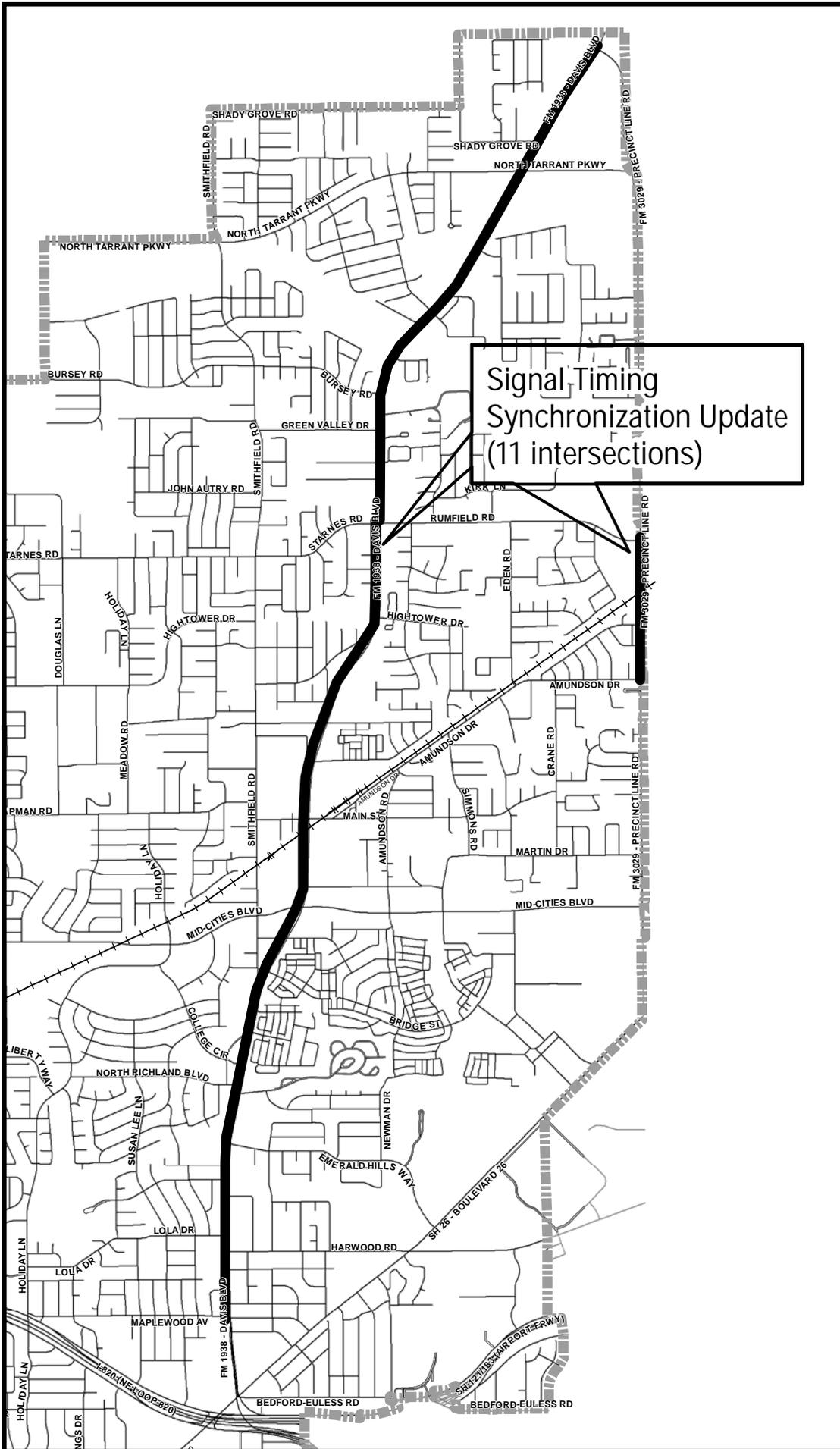
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	50,000	0	0	0	\$50,000
Other					
Total Costs	\$50,000	\$0	\$0	\$0	\$50,000

Operating Impact

No operating impact is anticipated.

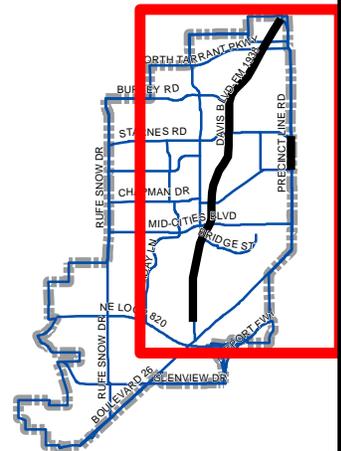
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Signal Timing Synchronization Update

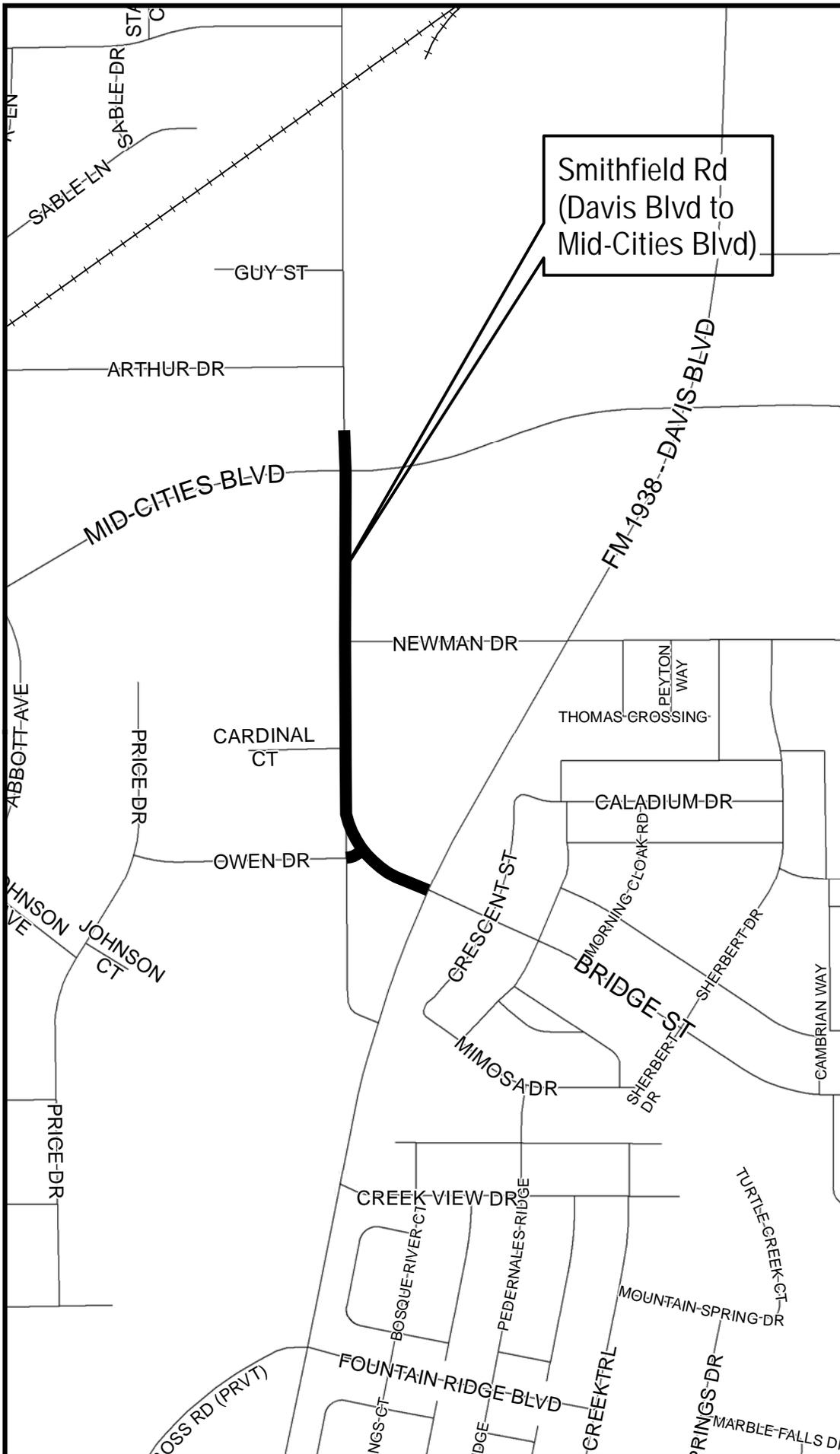


NORTH RICHLAND HILLS

Project Locator Map

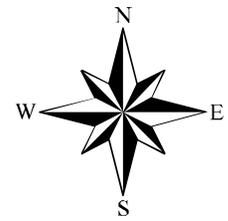


Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Signal Timing Synchronization Update				ST1301	
Project Description						
This project consists of updating and optimizing the timing plans on eight (8) signalized intersections along the Davis Boulevard corridor and three (3) signalized intersections on Precinct Line Road.						
Project Justification						
The timing plans along Davis Boulevard and Precinct Line Road need to be updated due to the significant changes in traffic patterns along the two corridors. Since the last timing plans were implemented, the reconstruction of Northeast Loop 820 has started. The traffic volume has increased along these corridors and increased delay times for motorists are occurring. The new signal timing plans will decrease motorist delays, air pollution, fuel consumption, and traffic congestion at the intersections along these corridors.						
Funding source is 2002 C.O. Project Savings Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$95,000	
Engineering/Design			Total		\$95,000	
Land/ROW Acquisition						
Construction	10/2012	10/2016				
Other						
Total Schedule	10/2012	10/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	95,000	0	0	0	\$95,000	
Sales Tax						
Other						
Total Funding	\$95,000	\$0	\$0	\$0	\$95,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	95,000	0	0	0	\$95,000	
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$95,000	\$0	\$0	\$0	\$95,000	
Operating Impact						
No impact on operating budget.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



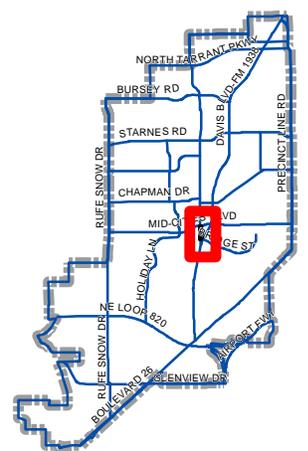
Smithfield Rd (Davis Blvd to Mid-Cities Blvd)

Smithfield Rd
(Davis Blvd to
Mid-Cities Blvd)



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 400'

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Smithfield Road (Davis Blvd to Mid-Cities Blvd)	ST1304

Project Description

This project consists of realigning a portion of Smithfield Road so that it connects directly to Bridge Street at Davis Blvd and reconstructing the existing section of Smithfield Road north to a point approximately 100 feet north of Mid-Cities Blvd. The improvements will consist of modifying the signal light at the Davis Blvd intersection so that all four sides will be signalized instead of the 3 sides that currently exists. In addition the new road will be constructed with concrete and include sidewalks and a drainage system. This section of Smithfield Road is located in the Smithfield TOD and will be constructed to the TOD criteria.

Project Justification

This section of Smithfield Road currently connects into Davis Blvd at an angle less than 90 degrees. The existing intersection is also located very close to the main entrance to the NRH Post Office. Both of these conditions create a less than desirable situation and traffic will back up at this location during certain times of the day. The realignment portion of the project will change the location where Smithfield Road intersects Davis Blvd. This project will result in Smithfield connecting to Davis Blvd at the signalized intersection at Bridge Street and Davis. The section of Smithfield Road that currently connects with Davis will be closed. The remaining portion of Smithfield Road that will be reconstructed is currently in very poor condition and handles large volumes of traffic daily.

Funding sources for this project includes: G.O. Bonds 2003 Program and Grant Funding received from Tarrant County .

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2012-13	\$2,200,000
Engineering/Design	11/2013	03/2015	Total		<u>\$2,200,000</u>
Land/ROW Acquisition	04/2015	03/2016			<u>\$2,200,000</u>
Construction	09/2015	11/2016			
Other					
Total Schedule	<u>11/2013</u>	<u>11/2016</u>			

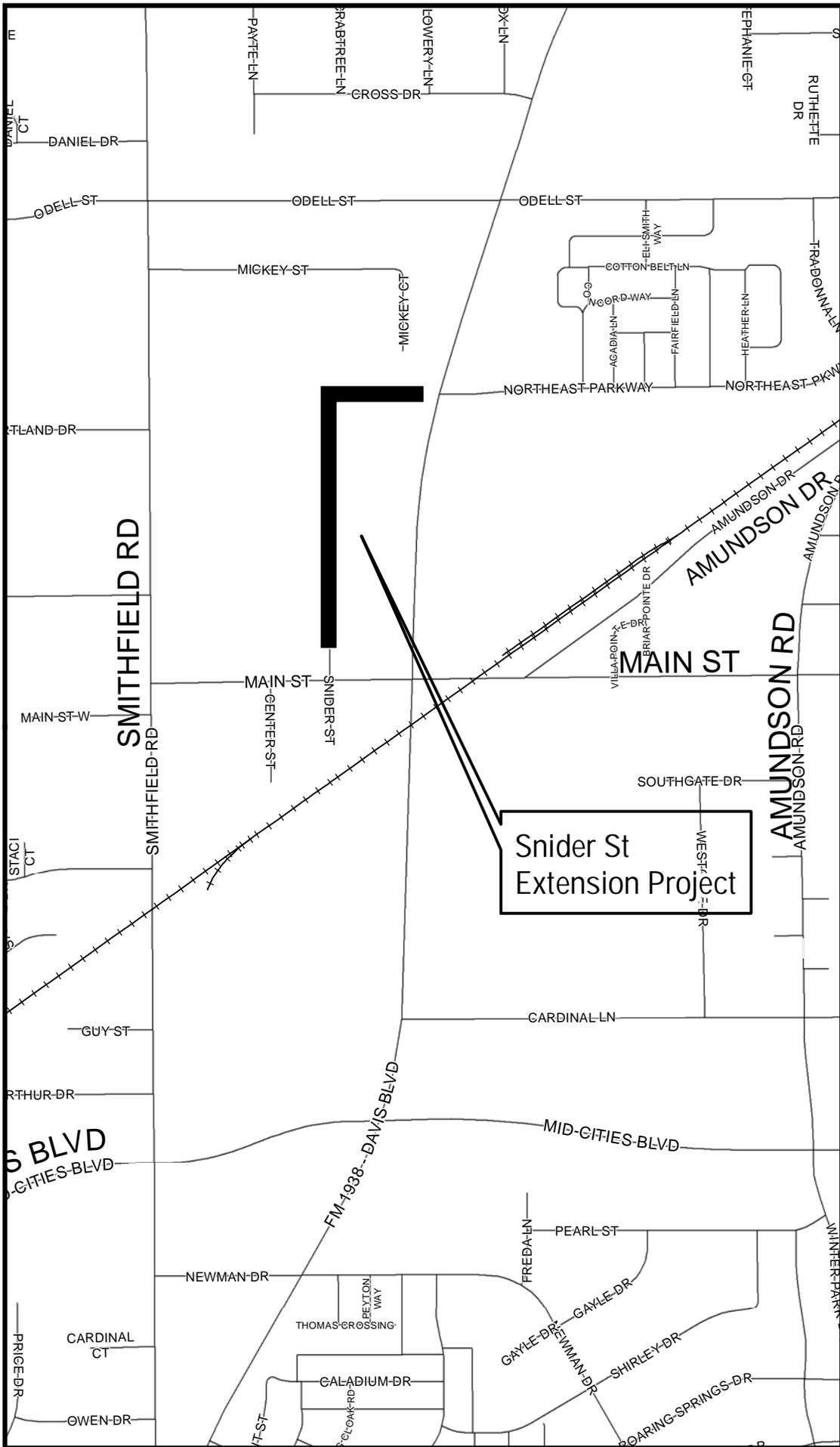
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds	1,650,000	0	0	0	\$1,650,000
Certificates of Obligation					
Federal/State Grants	550,000	0	0	0	\$550,000
Reserves					
Sales Tax					
Other					
Total Funding	<u>\$2,200,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$2,200,000</u>

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	340,000	0	0	0	\$340,000
Land/ROW Acquisition	170,000	0	0	0	\$170,000
Construction	1,690,000	0	0	0	\$1,690,000
Other					
Total Costs	<u>\$2,200,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$2,200,000</u>

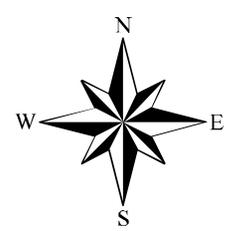
Operating Impact

Project will have an impact on signal light maintenance.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$1,300	\$1,300	\$0	\$0	\$0	\$2,600
Total Operating Impact	<u>\$1,300</u>	<u>\$1,300</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$2,600</u>

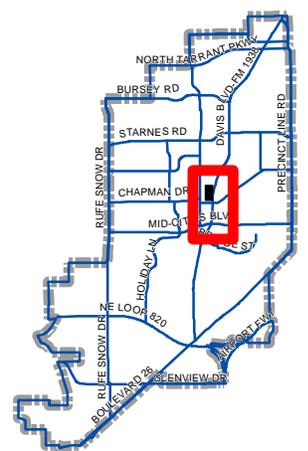


Snider St Extension Project



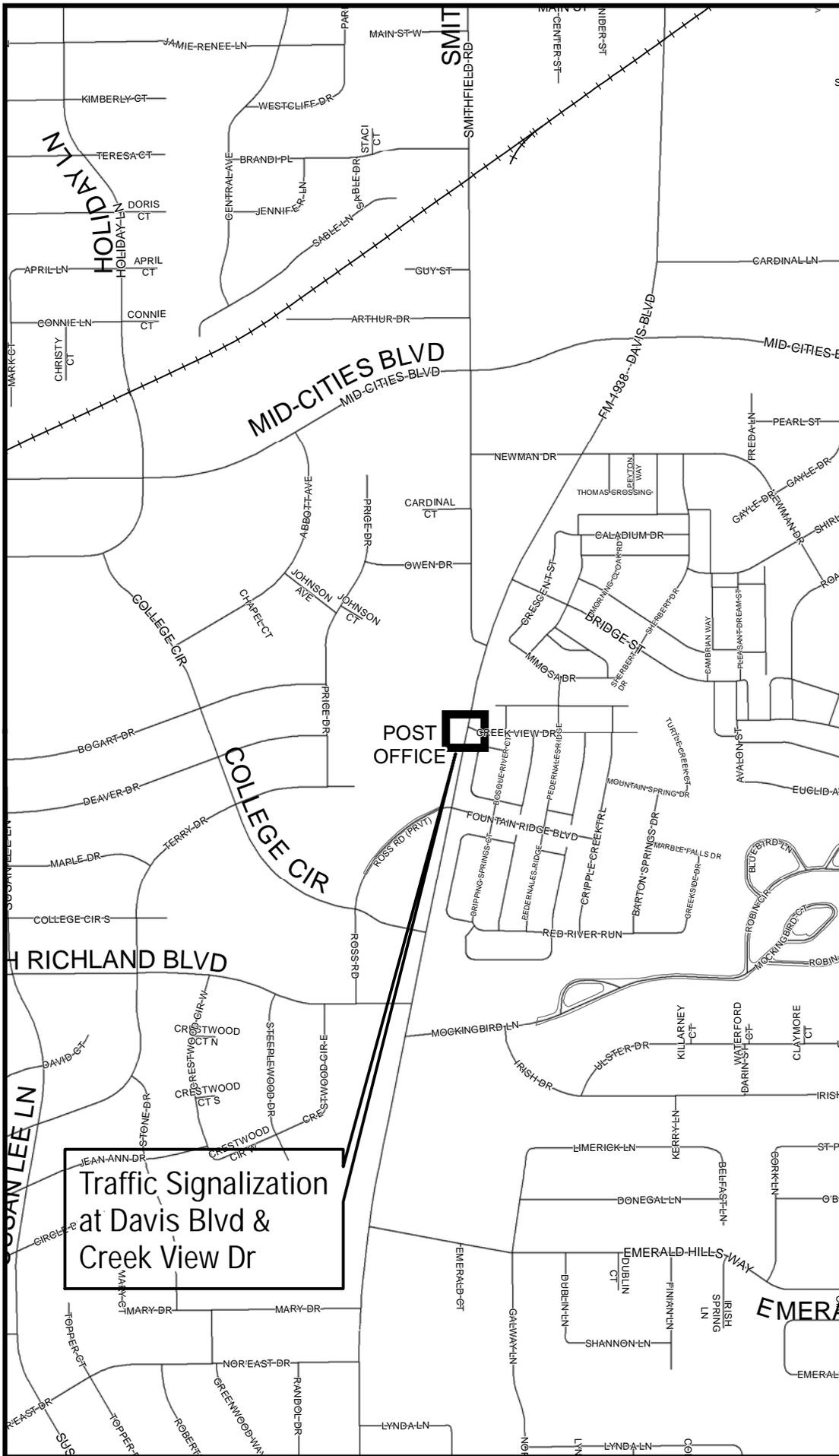
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 600'

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Snider Street Extension Project				ST1102	
Project Description						
Snider Street Extension Project is a designated new transit oriented development street running north of Main Street as part of the approved Smithfield TOD district. Snider Street is proposed to extend northward and turn east into Davis Boulevard and include wide sidewalks, street tree plantings and other pedestrian features. All of the surrounding property is owned by the City and designated for mixed use pedestrian friendly development adjacent to the future Smithfield commuter rail station.						
Project Justification						
Snider Street extension is designated to promote a pedestrian friendly mixed use environment adjacent to the future Smithfield Rail Station as part of the approved Smithfield TOD District. This project is part of a COG Sustainable Development grant. Eighty percent of total funding will be provided as part of this approved grant. The grant funding will become available when a developer provides a "Letter of Intent" to develop the property. The "Beginning" and "Ending" dates identified in the schedule could change depending on when the property develops.						
Funding Sources: Grants at \$2,240,040; 1994 CO Bonds Project Savings Reserves at \$130,010; Other - will be funded by either Developer Contributions or a portion of proceeds received from the sale of property at \$430,000.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2010-11	\$2,800,050		
Professional Services						
Engineering/Design	06/2016	12/2016	Total	\$2,800,050		
Land/ROW Acquisition						
Construction	02/2017	11/2017				
Other						
Total Schedule	06/2016	11/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	2,240,040	0	0	0	\$2,240,040	
Reserves	130,010	0	0	0	\$130,010	
Sales Tax						
Other	430,000	0	0	0	\$430,000	
Total Funding	\$2,800,050	\$0	\$0	\$0	\$2,800,050	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design	254,550	0	0	0	\$254,550	
Land/ROW Acquisition						
Construction	2,545,500	0	0	0	\$2,545,500	
Other						
Total Costs	\$2,800,050	\$0	\$0	\$0	\$2,800,050	
Operating Impact						
No operating impact anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

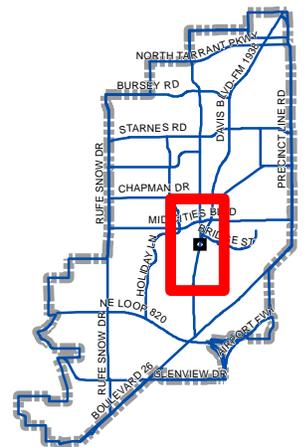


Traffic Signalization at Davis Blvd & Creek View Dr



NORTH RICHLAND HILLS

Project Locator Map

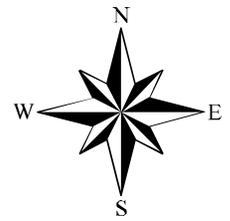
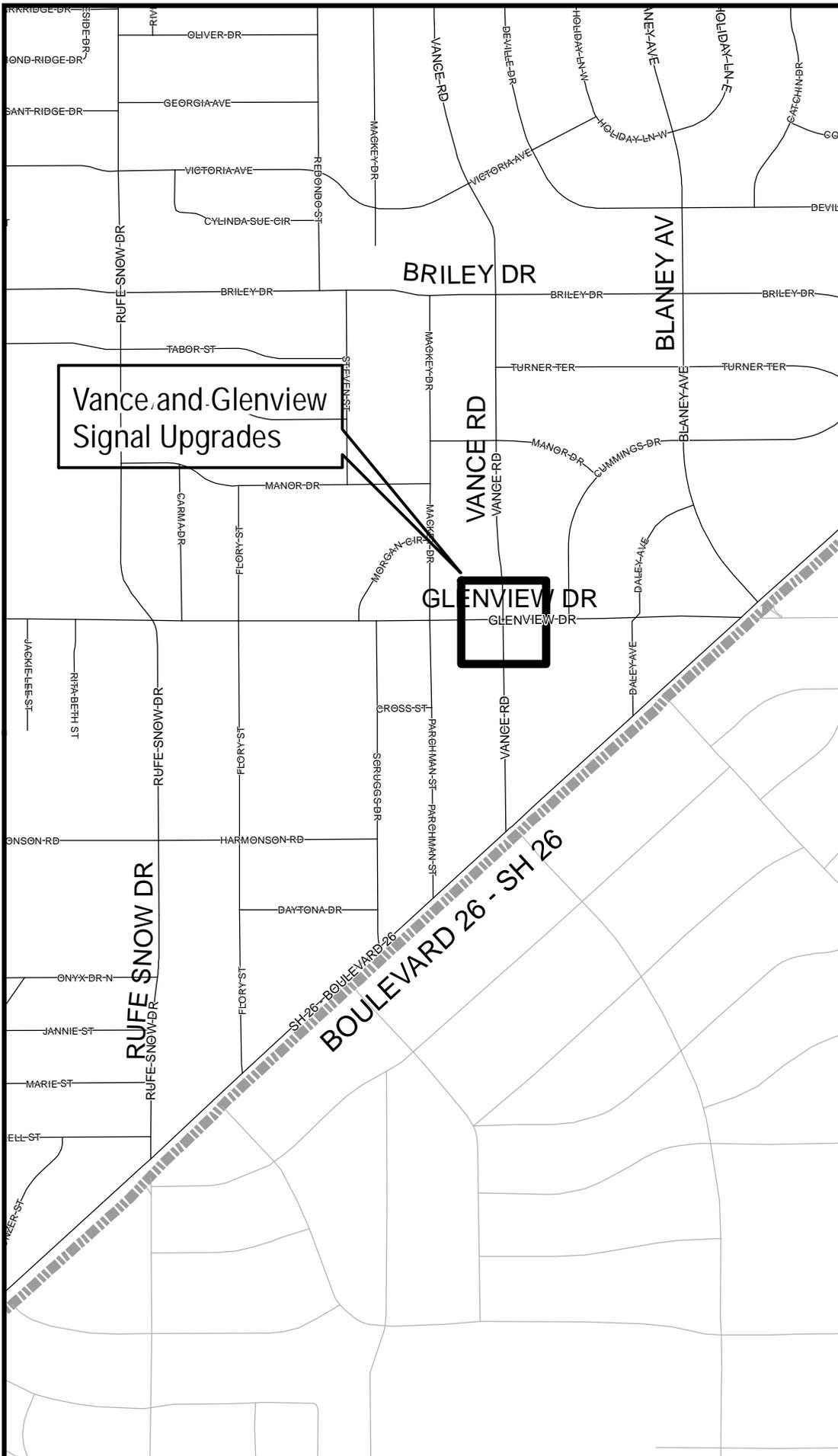


Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Traffic Signalization at Davis Boulevard & Creek View Drive				ST1005	
Project Description						
<p>This project consists of both the design and construction of a new traffic signal light at the intersection of Davis Boulevard and Creek View Drive/Post Office drive entrance. The traffic signal light will conform to the City's current standards which include black powder coated poles and mast arms, ILSN signs, opticom system, LED lights, video detection system, and street lights mounted on the mast arms. The Post Office driveway will need to be realigned and relocated to match the intersecting street of Creek View Drive. The Post Office parking lot configuration for entry and parking will need to be reconfigured to match the new entrance.</p>						
Project Justification						
<p>This traffic signal installation is necessary to handle the existing traffic volumes along with the amount of turning movement volumes onto Davis Boulevard from Creek View Drive and the Post Office driveways. The traffic signal light will help to provide adequate safe gaps in the traffic stream on Davis Boulevard for motorists who exit Creek View Drive or the Post Office driveway.</p> <p>The current configuration of Creek View Drive and the Post Office driveway creates too many traffic conflicts. The new alignment, along with the traffic signal light, will help improve the safety of the motorists who travel along this corridor.</p> <p>The Reserves funding is from the General CIP GO Bonds project savings (\$65,000) and 1994 General Obligation Bond Election project savings (\$235,000) .</p> <p>When staff first began looking into options to improve this intersection the proposed improvements to the Smithfield/Mid-Cities intersection at Bridge Street was not in the near future. Now that the Smithfield/Mid-Cities improvements could happen soon staff has postponed the beginning of design until the completion of a more comprehensive traffic study can be complete. The revised ending dates reflect the completion of the traffic study if the project is still warranted.</p>						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$300,000	
Engineering/Design	05/2010	12/2016	Total		\$300,000	
Land/ROW Acquisition						
Construction	02/2017	12/2017				
Other						
Total Schedule	05/2010	12/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	300,000	0	0	0	\$300,000	
Sales Tax						
Other						
Total Funding	\$300,000	\$0	\$0	\$0	\$300,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	109,000	0	0	0	\$109,000	
Land/ROW Acquisition						
Construction	191,000	0	0	0	\$191,000	
Other						
Total Costs	\$300,000	\$0	\$0	\$0	\$300,000	
Operating Impact						
Minor maintenance cost ar anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$1,300	\$1,300	\$0	\$0	\$0	\$2,600
Total Operating Impact	\$1,300	\$1,300	\$0	\$0	\$0	\$2,600

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Preventive Street Maintenance (2017)				SM1701	
Project Description						
This is an annual program where funds are dedicated to enhance the city's efforts for preventive maintenance of city streets. The scope of this project provides crack sealing for approximately 15-25 streets, slurry seals for 15-25 streets and a 2" asphalt overlay for 12-15 streets. In addition to these three maintenance methods, staff will be searching for new preventive procedures to consider in the future.						
Project Justification						
Preventive maintenance activities delays more costly street reconstruction and extends the life of the current street system. This project provides staff with funding to apply the appropriate maintenance activities to the streets selected for the program. Depending on the current condition of the street and the type of preventive measures taken, the street life can be extended for a minimum cost in comparison to a total reconstruction.						
Funding sources are CO's at \$1,000,000.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$1,000,000	
Engineering/Design			Total		\$1,000,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	1,000,000	0	0	\$1,000,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$0	\$1,000,000	\$0	\$0	\$1,000,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	1,000,000	0	0	\$1,000,000	
Other						
Total Costs	\$0	\$1,000,000	\$0	\$0	\$1,000,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

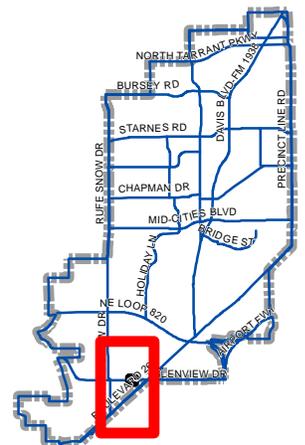
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Sidewalk Rehabilitation and Replacement Project (2017)				SD1701	
Project Description						
This project provides for rehabilitation of the city's sidewalk system. Funding will allow for the replacement of approximately 50,000 square feet of deteriorated sidewalks or the construction of new sidewalks in residential and high pedestrian areas.						
Project Justification						
One of the city's goals is to revitalize some of the older sections of the city. This sidewalk rehabilitation is an excellent way to improve the older neighborhoods. This project will allow for staff to address numerous citizen initiated requests to provide sidewalk rehabilitation to their neighborhood. The department has identified various locations throughout the city that are in need of sidewalk replacement. This project will allow staff the funding to begin making necessary repairs at these locations.						
Funding source is Sidewalk Maintenance Reserves Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$50,000	
Engineering/Design			Total		\$50,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	50,000	0	0	\$50,000	
Sales Tax						
Other						
Total Funding	\$0	\$50,000	\$0	\$0	\$50,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	50,000	0	0	\$50,000	
Other						
Total Costs	\$0	\$50,000	\$0	\$0	\$50,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Vance Rd and Glenview Dr Signal Upgrades



**NORTH
RICHLAND
HILLS**

Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Vance and Glenview Signal Upgrades				ST1701	
Project Description						
This project consists of replacing the existing span wire signal at the intersection of Vance Road and Glenview Drive with pole mounted signals. This project also includes the installation of pedestrian signal heads and striping at the intersection. This project has been approved for funding through the HSIP (Highway Safety Improvement Program) grant which is 90% federal funding and 10% local funding. The 90% coverage of federal funds is only for construction costs. This project will be let through TxDOT as the grant is disseminated through TxDOT.						
Project Justification						
As part of the City's submission for the HSIP grant, the City discovered from 2012-2014, there was one accident near this intersection with one fatality, one incapacitating injury and two non-incapacitating injuries.						
Note: Funding source is Grant from TxDOT (COG is fiduciary agent for this grant) and Reserves from project savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$230,000	
Engineering/Design	10/2016	09/2017	Total		\$230,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	180,000	0	0	\$180,000	
Reserves	0	50,000	0	0	\$50,000	
Sales Tax						
Other						
Total Funding	\$0	\$230,000	\$0	\$0	\$230,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	0	30,000	0	0	\$30,000	
Land/ROW Acquisition						
Construction	0	200,000	0	0	\$200,000	
Other						
Total Costs	\$0	\$230,000	\$0	\$0	\$230,000	
Operating Impact						
No operating impact is expected.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**DRAINAGE IMPROVEMENTS LONG RANGE PLAN
ADOPTED FY 2016/2017**

<u>Project Description</u>	<u>2016/2017 Adopted</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2023/2024 Estimated</u>	<u>2024/2025 Estimated</u>	<u>2025/2026 Estimated</u>	<u>Project Totals</u>
Annual Projects											
Channel Cleaning and Street Drainage Improvements	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,400,000
Total Annual Projects	\$0	\$300,000	\$2,400,000								
New & Continuing Projects											
Big Fossil Creek Flood Study - BFC 7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000	\$0	\$0	\$70,000
Calloway Branch Channel Repair Project	\$600,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$600,000
Calloway Branch Slope Protection (A)	\$0	0	0	2,163,000	2,163,000	2,163,000	0	0	0	0	\$6,489,000
Calloway Branch Slope Protection (B)	\$0	0	0	1,345,000	1,345,000	1,345,000	0	0	0	0	\$4,035,000
Concrete Lined Channel Rehabilitation Project	\$0	0	200,000	0	0	0	0	0	0	0	\$200,000
Crane Road/Main Street Drainage Improvements	\$0	0	0	0	0	0	0	0	0	0	\$0
Crystal Channel Drainage Improvements	\$0	90,500	0	0	0	0	0	0	0	0	\$90,500
Driffield Circle East Concrete Drainage Flume Improvements	\$0	0	0	0	0	0	475,717	0	0	0	\$475,717
Emerald Hills Channel Drainage Improvements	\$0	0	0	0	0	0	0	0	567,812	0	\$567,812
Glenview Drive/Dawn Drive Drainage Improvements	\$0	0	0	0	0	0	0	681,250	0	0	\$681,250
Mackey Drive Drainage Improvements	\$0	0	0	0	0	0	3,588,020	0	0	0	\$3,588,020
Meadowview Estates Channel Drainage Improvements	\$0	0	0	0	0	0	0	0	0	95,000	\$95,000
Main Street Drainage Improvements	\$0	0	0	0	0	0	0	0	0	0	\$0
Odell Channel Drainage Improvements	\$0	50,000	0	0	0	0	0	0	0	0	\$50,000
Richland Oaks Addition Channel Drainage Improvements	\$0	0	0	0	0	0	0	415,750	0	0	\$415,750
Smithfield Acres Drainage Improvements	\$0	0	0	0	0	3,012,180	0	0	0	0	\$3,012,180
Stonybrooke Channel Drainage Improvements	\$0	0	0	1,260,000	0	0	0	0	0	0	\$1,260,000
Turner/Odell Channel Realignment	\$0	0	831,000	0	0	0	0	0	0	0	\$831,000
Walker Branch Gabion Repair Project	\$95,000	0	0	0	0	0	0	0	0	0	\$95,000
Walker Creek Channel Drainage Improvements	\$0	0	1,252,750	0	0	0	0	0	0	0	\$1,252,750
Windcrest Addition Concrete Channel Drainage Improvements (A)	\$0	746,687	0	0	0	0	0	0	0	0	\$746,687
Windcrest Addition Concrete Channel Drainage Improvements (B)	\$0	0	750,000	0	0	0	0	0	0	0	\$750,000
Total Drainage Street Improvements	\$695,000	\$887,187	\$3,033,750	\$4,768,000	\$3,508,000	\$6,520,180	\$4,063,737	\$1,167,000	\$567,812	\$95,000	\$25,305,666
Total Drainage Improvements Projects	\$695,000	\$1,187,187	\$3,333,750	\$5,068,000	\$3,808,000	\$6,820,180	\$4,363,737	\$1,467,000	\$867,812	\$395,000	\$28,005,666
Total Project Costs	\$695,000	\$1,187,187	\$3,333,750	\$5,068,000	\$3,808,000	\$6,820,180	\$4,363,737	\$1,467,000	\$867,812	\$395,000	\$28,005,666

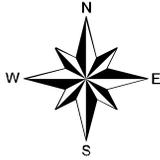
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Schedule 2 Drainage Capital Projects Budget Summary

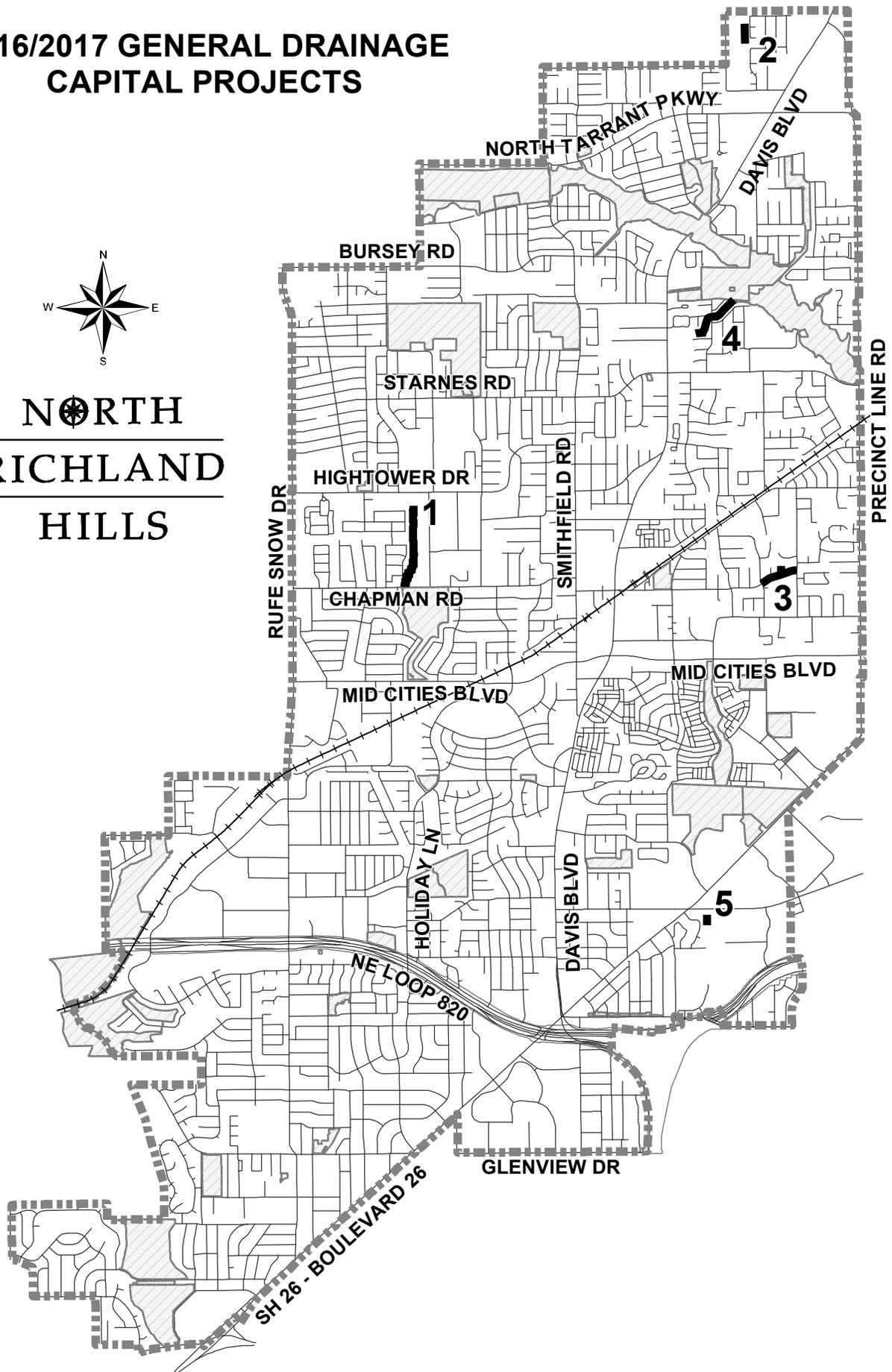
Pg. No.	Map ID		Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs							
Continuing Projects							
75	1	Calloway Branch Channel Repair Project	98,500	600,000	0	0 \$	698,500
77	-	Concrete Lined Channel Rehabilitation Project	131,500	0	0	0 \$	131,500
79	2	Drainage Improvements	95,000	0	0	0 \$	95,000
81	3	Main Street Drainage Improvements	1,020,000	0	0	0 \$	1,020,000
83	4	Meadowview Estates Channel Drainage Improvements	1,743,222	0	0	0 \$	1,743,222
Total Continuing Projects			\$ 3,088,222	\$ 600,000	\$ 0	\$ 0	\$ 3,688,222
New Projects							
85	5	Walker Branch Gabion Repair Project	0	95,000	0	0 \$	95,000
Total New Projects			\$ 0	\$ 95,000	\$ 0	\$ 0	\$ 95,000
Total Project Costs			\$ 3,088,222	\$ 695,000	\$ 0	\$ 0	\$ 3,783,222
Funding Sources							
General Obligation Bonds							
		G.O. Bonds 2003 Program	1,863,222	0	0	0	1,863,222
Total General Obligation Bonds			\$ 1,863,222	\$ 0	\$ 0	\$ 0	\$ 1,863,222
Reserves							
		Drainage Utility Fund	900,000	695,000	0	0	1,595,000
		Reserves	185,000	0	0	0	185,000
		Bond Program Project Savings	140,000	0	0	0	140,000
Total Reserves			\$ 1,225,000	\$ 695,000	\$ 0	\$ 0	\$ 1,920,000
Total Sources of Funds			\$ 3,088,222	\$ 695,000	\$ 0	\$ 0	\$ 3,783,222

NRH

2016/2017 GENERAL DRAINAGE CAPITAL PROJECTS



NORTH RICHLAND HILLS

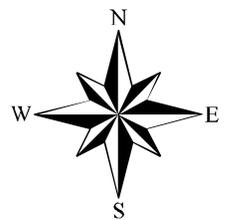
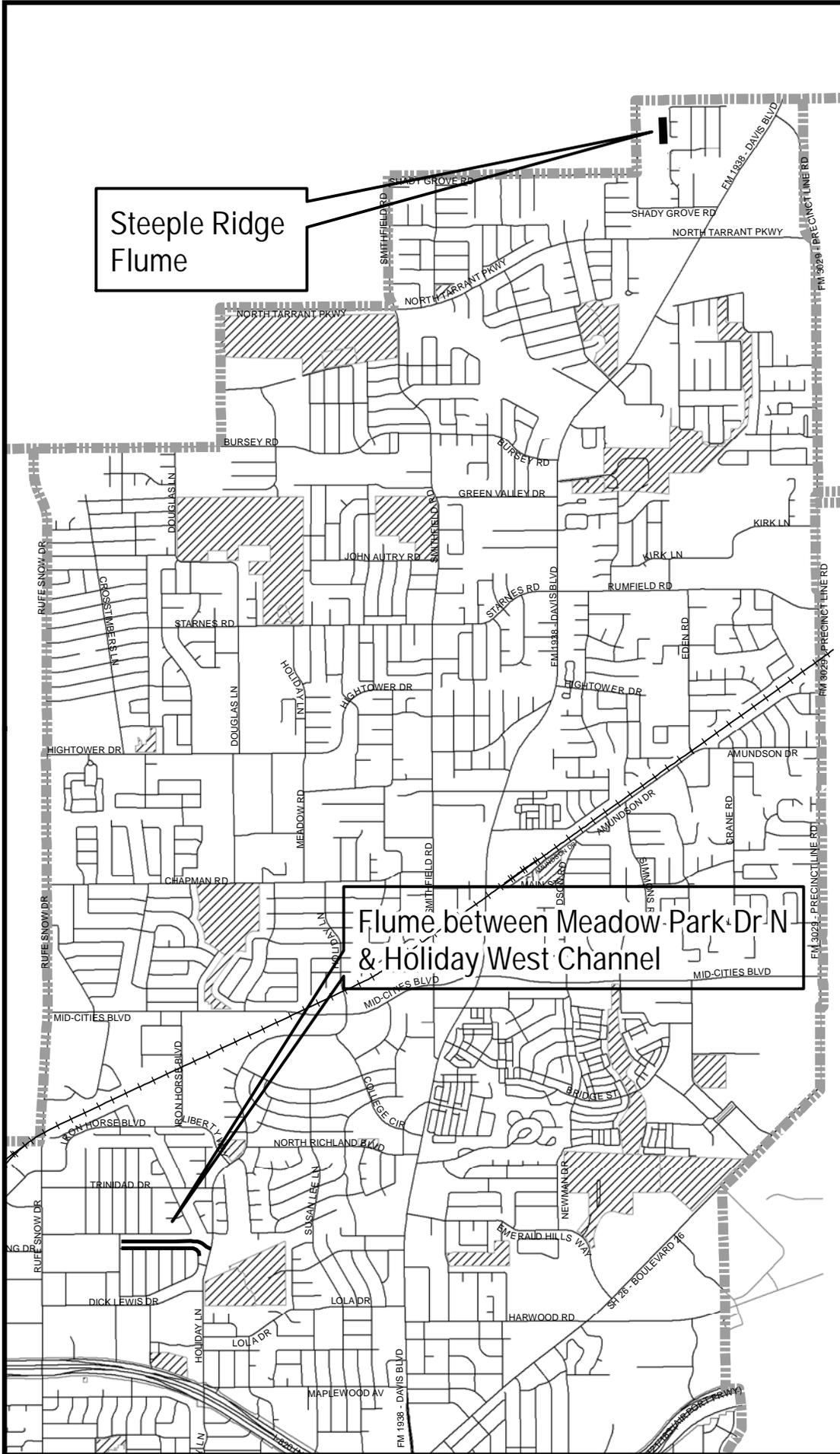


Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Calloway Branch Channel Repair Project				DR1503	
Project Description						
This is for the repair of failing channel along the Calloway Branch Channel that has resulted in the loss of material in several backyards along Waggoner Ranch Road. Erosion caused by excessive rains following the years of recent drought caused bank failure along the west bank of the Calloway Branch channel adjacent to the Graham Ranch subdivision. This project will restore the west bank in the vicinity of the Graham Ranch properties and fortify the bank to prevent a future recurrence. Because the project is located within FEMA's regulatory floodway, both a CLOMR and LOMR will be required.						
Project Justification						
With the extraordinary rainfall this spring the side slopes of a portion of this channel failed, sliding into the channel bottom and causing a loss of material in several of the backyards along Waggoner Ranch Road. Staff hired a Geotechnical firm to learn exactly what caused the failure and what could be done to correct the problem. Unfortunately, it is not as simple as replacing the dislodged material back onto the channel bank. The clay material is not suited to exist at the required slope with elevated moisture content. While the rains this year were unusually high, there is a high probability that the region will experience this level of rainfall again at some point.						
Erosion along the Calloway Branch channel is impacting at least one residential property and threatening a number of other properties along Waggoner Ranch Road. Restoring and stabilizing the channel bank is necessary to prevent channel encroachment into adjacent properties.						
Note: Reserve funding is Drainage Utility Reserve.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$68,500	
Engineering/Design	09/2015	11/2016	Revision	2015-16	\$30,000	
Land/ROW Acquisition			Adopted Budget	2016-17	\$600,000	
Construction	01/2016	11/2016	Total		\$698,500	
Other						
Total Schedule	09/2015	11/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	98,500	600,000	0	0	\$698,500	
Sales Tax						
Other						
Total Funding	\$98,500	\$600,000	\$0	\$0	\$698,500	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	98,500	0	0	0	\$98,500	
Land/ROW Acquisition						
Construction	0	600,000	0	0	\$600,000	
Other						
Total Costs	\$98,500	\$600,000	\$0	\$0	\$698,500	
Operating Impact						
Minimal Operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

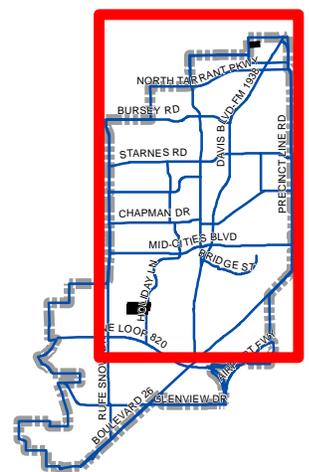
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Concrete Lined Channel Rehabilitation Project				DR1401	
Project Description						
This project involves beginning a rehabilitation process of the City's seven (7) miles of concreted lined channels. The scope of the project will include repairing areas of concrete lined channels that have deteriorated, cracked, dropped, collapsed, heaved or hold water due to heavy ground movement and/or age. The list of needed repairs will include patching sections of channel walls and bottoms and replacement of sections of channel walls and bottoms. Staff has inventoried all concrete lined channels and estimates that 50,000 square foot of repairs are initially needed to begin the repair process.						
Project Justification						
Concrete channels transport storm water run-off during rain events. When those channels have areas of deteriorated walls or bottoms, flowing water has the ability to penetrate the sub-grade, which undermines the integrity of the channel and poses a threat to public and private property. Some areas in the concrete channels hold extensive amounts of water because of deterioration that has occurred, which becomes a breeding ground for mosquito larvae and raises citizen concern. Staff will make some repairs by using existing personnel, but large areas will require the service of a contractor.						
Project funding sources are \$155,000 is from Drainage Project Savings Reserves and \$45,000 from 1994 General Obligation Bond Election Project Savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2013-14	\$200,000	
Engineering/Design			Revision	2014-15	(\$68,500)	
Land/ROW Acquisition			Total		\$131,500	
Construction	10/2013	09/2017				
Other						
Total Schedule	10/2013	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	131,500	0	0	0	\$131,500	
Sales Tax						
Other						
Total Funding	\$131,500	\$0	\$0	\$0	\$131,500	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	131,500	0	0	0	\$131,500	
Other						
Total Costs	\$131,500	\$0	\$0	\$0	\$131,500	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Drainage Improvements



NORTH RICHLAND HILLS

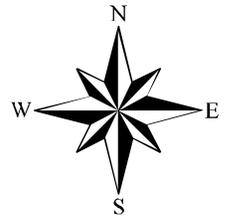
Project Locator Map



Scale: 1" = 3000'

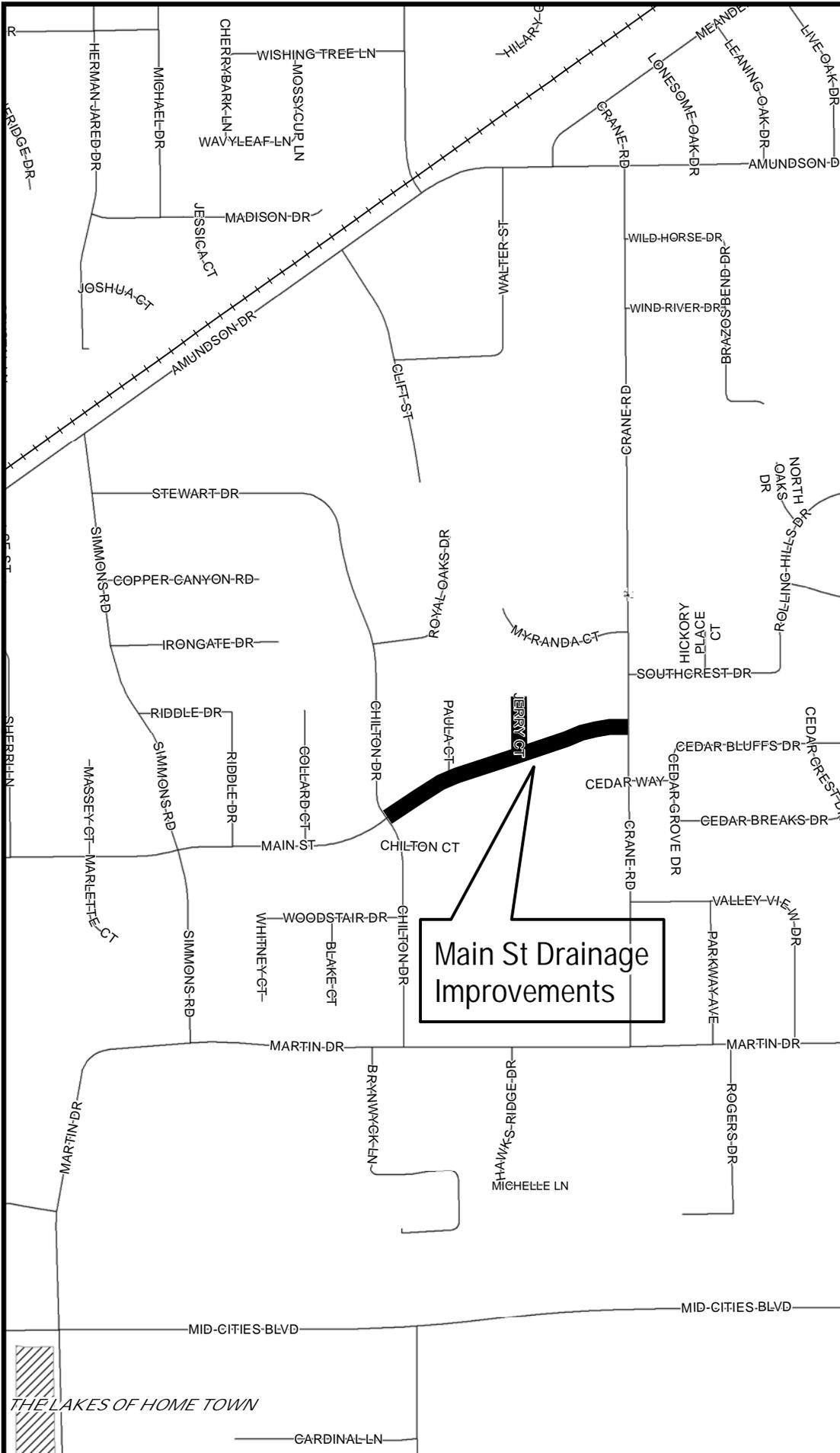
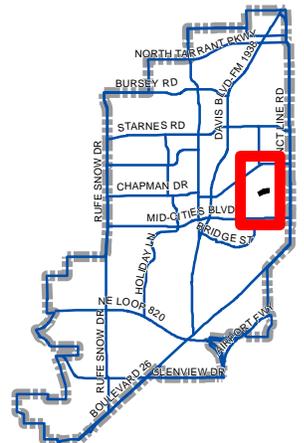
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Drainage Improvements				DR1601	
Project Description						
There are two sections to the drainage improvement project. The first section consists of construction of a concrete drainage flume in the Holiday West Addition, between Meadow Park Drive North and the Holiday West Channel. The second section consists of reconstructing a concrete flume in the Steeple Ridge subdivision.						
Project Justification						
In the Meadow Park Drive section of this project, the inground drainage system in the Holiday West Addition outfalls into the Holiday West Channel by way of several curb inlets and three storm drain pipes. However, during heavy rain events like those experienced during 2007, this storm drain system does not adequately convey the runoff into the channel. As a result, the eastern part of Meadow Park North fills with water well beyond the right-of-way line, flooding several properties and any cars in the street. Current drainage standards require an overland path of relief for the stormwater, something that was not provided when this subdivision was constructed in the 1970's. A concrete flume can be constructed within an existing drainage easement between two homes, providing an additional path for the runoff and eliminating this problem. In the Steeple Ridge section of the project, the existing concrete flume between Steeple Ridge and High Point Estates is experiencing structural problems, highlighted by the extreme weather conditions this spring. The flume is being undermined by upstream flow, causing loss of subgrade and erosion problems on adjacent properties. This project will remove and reconstruct the flume, address any subsurface stability issues, and improve the capacity of this drainage connection.						
Note: Reserves represent Bond program savings and project savings.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2015-16	\$95,000		
Engineering/Design	10/2015	11/2016	Total	\$95,000		
Land/ROW Acquisition						
Construction	10/2015	11/2016				
Other						
Total Schedule	10/2015	11/2016				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	95,000	0	0	0	\$95,000	
Sales Tax						
Other						
Total Funding	\$95,000	\$0	\$0	\$0	\$95,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design	20,000	0	0	0	\$20,000	
Land/ROW Acquisition						
Construction	75,000	0	0	0	\$75,000	
Other						
Total Costs	\$95,000	\$0	\$0	\$0	\$95,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Main St Drainage Improvements



NORTH RICHLAND HILLS

Project Locator Map

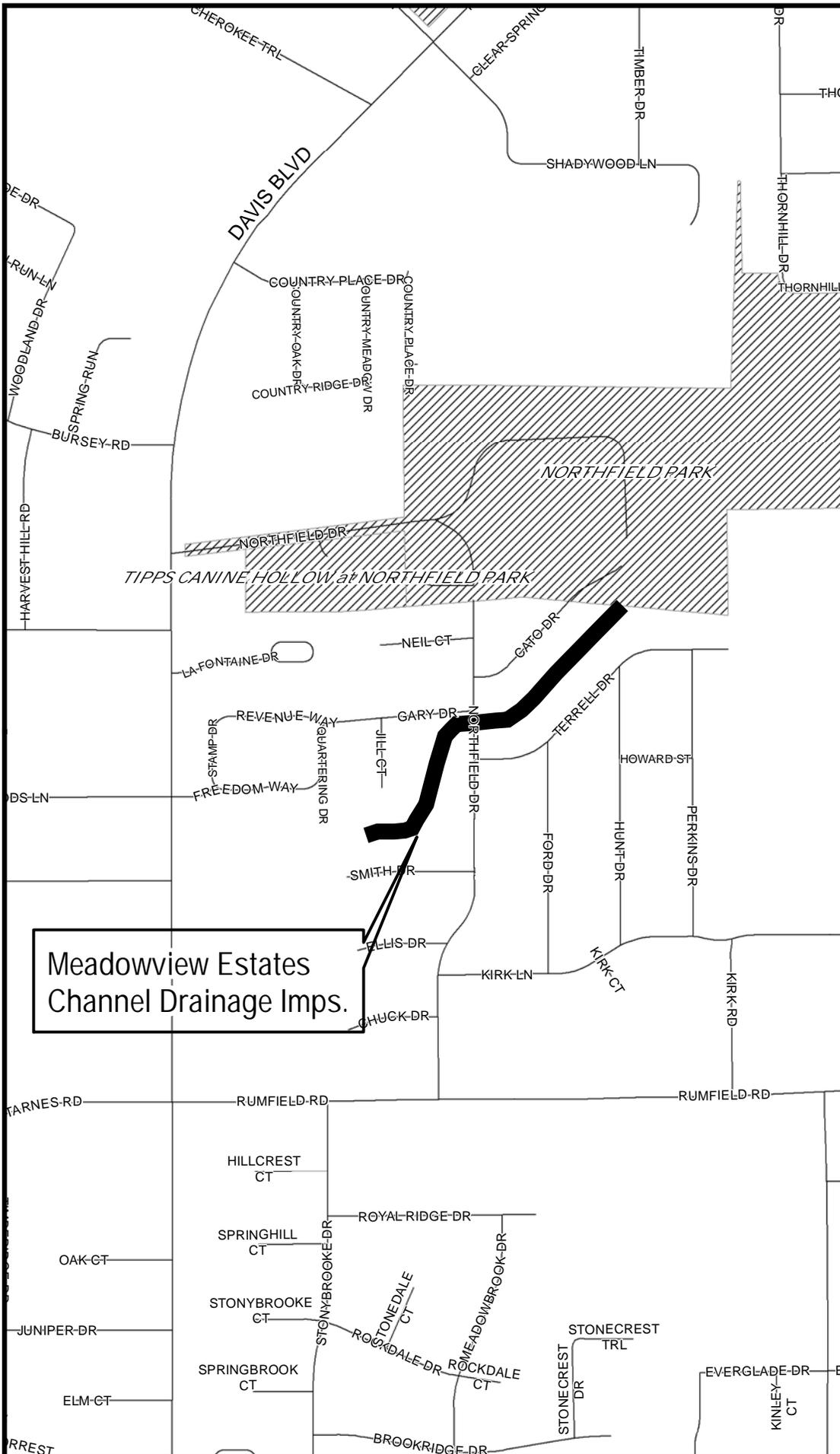


Main St Drainage
Improvements

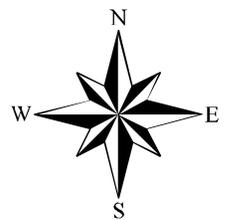
Scale: 1" = 600'

Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Main Street Drainage Improvements				DR1501	
Project Description						
This project will consist of replacing approximately 1000 linear feet of 18" and 21" Reinforced Concrete Pipe (RCP) with 30" and 36" RCP beginning at Chilton Drive and ending at Crane Road. A branch of the new system will be extended up Jerry Court and will connect to an existing system. Because much of the storm drainage system will be underneath the existing street pavement the street cuts will be patched and the entire street will be overlaid to provide a uniform pavement finish and look. Some driveways and curb and gutter will be reconstructed. There will also be the relocation of approximately 400 feet of an existing 6" water and 6" sanitary sewer line.						
Project Justification						
The city began upgrading the existing drainage system in Main Street during the late 1990s and early 2000s. The last section of the drainage system in Main Street was planned to be reconstructed with the Crane Road Paving project in early 2000s. There were not sufficient funds to cover the cost for the drainage improvements in Main Street so that part of the project was put off to a future date. Currently the land in the vicinity of Crane Road and Main Street is fully developed and the remaining portion of the Main Street system needs to be completed. This project will complete the Main Street system including placing some improvements in Crane Road.						
NOTE: The Funds identified represent Reserves in the Drainage Utility Fund (DUF).						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2014-15	\$800,000		
05/2015	10/2015	Revision	2015-16	\$220,000		
		Total		\$1,020,000		
12/2015	11/2016					
Total Schedule	05/2015	11/2016				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
120,000	0	0	0	\$120,000		
900,000	0	0	0	\$900,000		
Total Funding	\$1,020,000	\$0	\$0	\$0	\$1,020,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
89,500	0	0	0	\$89,500		
930,500	0	0	0	\$930,500		
Total Costs	\$1,020,000	\$0	\$0	\$0	\$1,020,000	
Operating Impact						
There is no operating impact anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
\$0	\$0	\$0	\$0	\$0	\$0	
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	

Meadowview Estates Channel Drainage Improvements

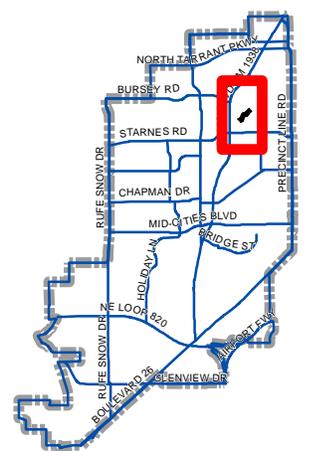


Meadowview Estates Channel Drainage Imps.



NORTH
RICHLAND
HILLS

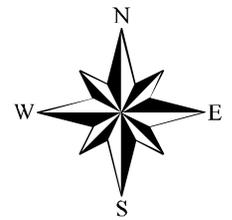
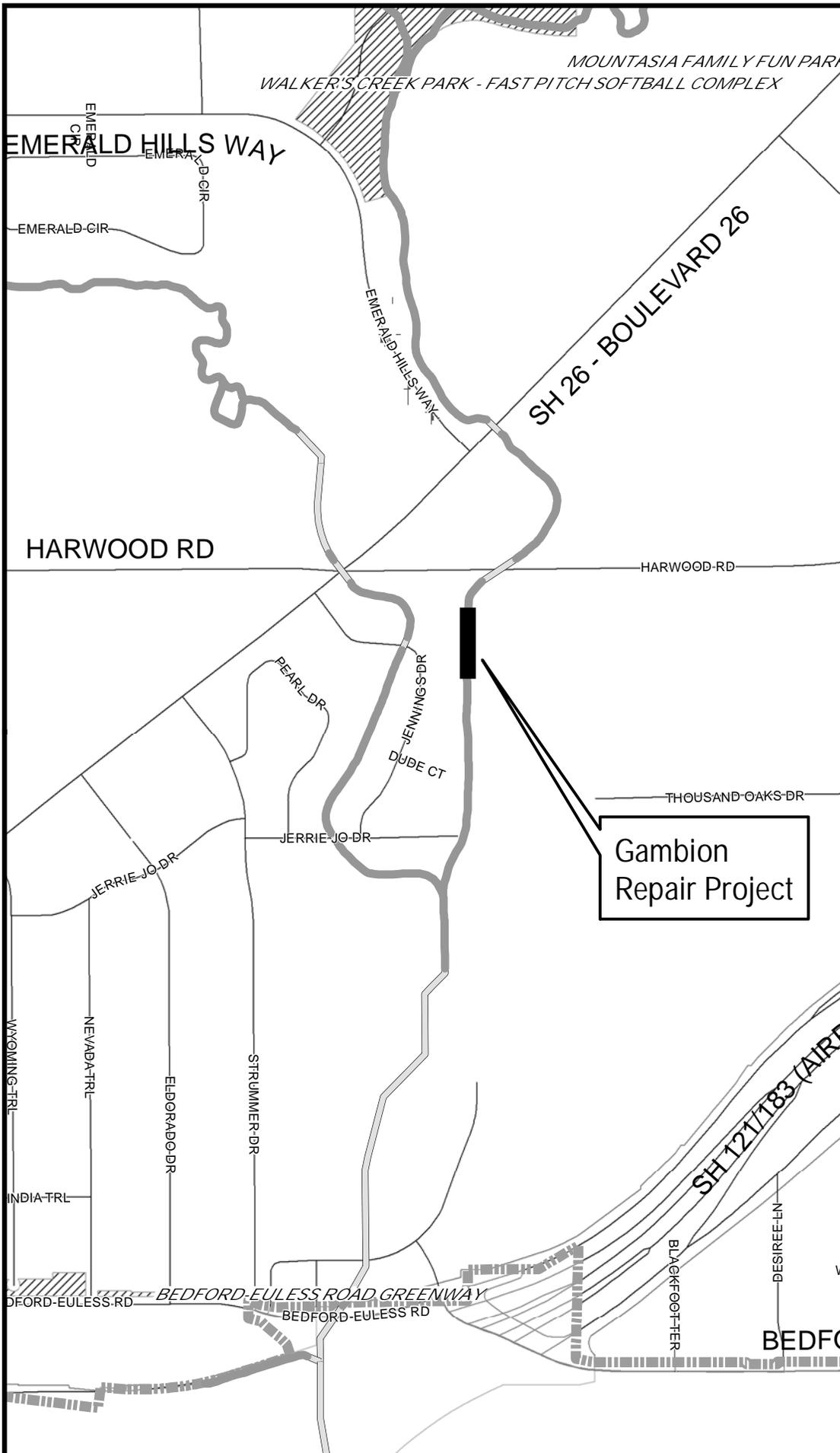
Project Locator Map



Scale: 1" = 600'

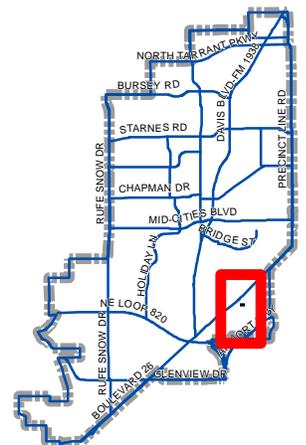
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Meadowview Estates Channel Drainage Improvements				DR1004	
Project Description						
This project consists of reconstructing the existing concrete channel from Northfield Park to Jill Court and reconstructing a larger bridge (box culverts) at Northfield Drive. The length of the channel is approximately 1,800 linear feet. The new box culverts will be designed for the 100 year rain event.						
Project Justification						
This channel was constructed in the early 1980's. Sections of this channel are failing and are a continuous maintenance problem. The failed sections are also causing erosion problems to adjacent property owners. A section of the channel failed a few years ago and cost approximately \$70,000 to one repair. In addition to the channel failing, the concrete portion of the channel was only designed for the 25 year rain event. This project will extend the concrete lining to the top of the bank and consequently, will provide for more channel capacity. This will eliminate the need to mow or apply herbicide to the section of side slope that is currently earthen bank and as such will reduce future maintenance cost.						
General Obligation Bonds are part of the 2003 Bond Program.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$2,500,000	
Engineering/Design	09/2010	08/2017	Revision	2014-15	(\$136,778)	
Land/ROW Acquisition			Revision	2014-15	(\$500,000)	
Construction	04/2014	10/2017	Revision	2015-16	(\$120,000)	
Other			Total		\$1,743,222	
Total Schedule	09/2010	10/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds	1,743,222	0	0	0	\$1,743,222	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$1,743,222	\$0	\$0	\$0	\$1,743,222	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	415,000	0	0	0	\$415,000	
Land/ROW Acquisition						
Construction	1,328,222	0	0	0	\$1,328,222	
Other						
Total Costs	\$1,743,222	\$0	\$0	\$0	\$1,743,222	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Walker Branch Channel Gambion Repair Project



NORTH
RICHLAND
HILLS

Project Locator Map



Scale: 1" = 600'

Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Walker Branch Gabion Repair Project				DR1701	
Project Description						
The project consists of engineering and reconstructing approximately 400 feet of gabions along the Walker Branch Channel. The project begins south of Harwood along the west bank and will focus on two areas where the gabion baskets have failed.						
Project Justification						
Significant erosion has occurred in recent months as a result of the record rainfall received in 2015 following years of drought conditions. As a result of the soil conditions due to these weather events, the Walker Branch Channel has experienced several failures along the banks adjacent to residential properties and the situation continues to deteriorate. Without fortification of the bank in this area, the erosion will progress into private property.						
Funding Source: Drainage Utility Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2016	09/2017	Adopted Budget	2016-17	\$95,000	
Engineering/Design			Total		\$95,000	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	95,000	0	0	\$95,000	
Sales Tax						
Other						
Total Funding	\$0	\$95,000	\$0	\$0	\$95,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	0	95,000	0	0	\$95,000	
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$0	\$95,000	\$0	\$0	\$95,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**UTILITY IMPROVEMENTS LONG RANGE PLAN
ADOPTED FY 2016/2017**

<u>Project Description</u>	<u>2016/2017 Adopted</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2022/2023 Estimated</u>	<u>2023/2024 Estimated</u>	<u>2024/2025 Estimated</u>	<u>2025/2026 Estimated</u>	<u>Project Totals</u>
Annual Projects												
Misc. Water/Sewer Main Replacement	\$420,000	\$420,000	\$450,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$500,000	\$5,290,000
Small Water Main Replacements	420,000	420,000	450,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	\$5,290,000
Telemetric Water Meter Annual Maintenance	400,000	400,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	375,000	\$4,175,000
Total Annual Projects	\$1,240,000	\$1,240,000	\$1,275,000	\$1,375,000	\$14,755,000							
New & Continuing Sewer Projects												
6" Sewer Line on Brookshire Drive (Chapman Road - Romford Way)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6" Sewer Line on Chapman Road (7104 Chapman Road - Brookshire Trail)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Cloyce Court (5101 Cloyce Ct - 5000 Cloyce Ct.)	0	0	0	0	0	0	0	0	0	0	400,000	\$400,000
6" Sewer Line on Edinburg Drive (Brookshire Trl - Wakefield Road)	0	0	78,000	0	0	0	0	0	0	0	0	\$78,000
6" Sewer Line on Eldorado Drive (Bedford Eules - Jerri Jo Drive)	0	0	450,000	0	0	0	0	0	0	0	0	\$450,000
6" Sewer Line on Eldorado Drive (4900 Eldorado Dr. - 5020 Eldorado Dr.)	0	409,860	0	0	0	0	0	0	0	0	0	\$409,860
6" Sewer Line on Franklin Court w/ connection to Gifford (approx 1,000 linear ft)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Glenview Drive and Daley Avenue (6808 Glenview Drive - 7047 Blvd. 26)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Greenwood Way (Lola Drive - Nor'east Dr.)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Lazy Lane (Grove Street - Ash Street)	0	0	0	100,000	0	0	0	0	0	0	0	\$100,000
6" Sewer Line on Lola Drive (Susan Lee Lane - Roberts Dr.)	0	0	0	330,000	0	0	0	0	0	0	0	\$330,000
6" Sewer Line on Nancy Lane (Jannetta Dr. - Clenis Ln.)	0	0	0	0	350,000	0	0	0	0	0	0	\$350,000
6" Sewer Line on Nancy Lane (Short Street - 4921 Nancy Lane)	0	0	0	261,855	0	100,000	0	0	0	0	0	\$361,855
6" Sewer Line on Nancy Lane (Janetta Drive - 4921 Nancy Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Nevada Trail (Bedford Eules - Jerri Jo Drive)	0	0	0	0	450,000	0	0	0	0	0	0	\$450,000
6" Sewer Line on Palomar Drive (Susan Lee Lane - Roberta Drive)	0	0	0	136,620	0	0	0	0	0	0	0	\$136,620
6" Sewer Line on Redondo Street (4512 Redondo Street- Riviera Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Roberta Drive (Lola Drive - Nor'east Dr.)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Scott Drive (7501 Lola Drive - Susan Lee Lane)	0	0	0	155,000	0	0	0	0	0	0	0	\$155,000
6" Sewer Line on Susan Lee Lane (Lola Drive - Nor'east Dr.)	0	0	0	0	207,207	0	0	0	0	0	0	\$207,207
6" Sewer Line on Topper Drive (Lola Drive - Nor'east Dr.)	0	0	0	250,470	0	0	0	0	0	0	0	\$250,470
6" Sewer Line on Wyoming Trail (Bedford Eules Rd - 5025 Wyoming Trl)	0	0	0	0	0	0	350,000	0	0	0	0	\$350,000
8" Sewer Line on Southampton Road (Chapman Road - 7001 Southampton Road)	0	0	113,000	0	0	0	0	0	0	0	0	\$113,000
8" Sewer Line on Susan Lee Lane (Lola Dr. - Janetta Dr.)	0	0	0	232,254	0	0	0	0	0	0	0	\$232,254
8" Sewer Line on Susan Lee Lane (Lola Dr. - 5000 Susan Lee Ln.)	0	0	0	0	0	0	0	0	0	0	0	\$0
10" Sewer Line on Wendell Drive (3736 Wendell Drive - Fossil Creek Park)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" and 15" Sewer Line Replacement along Maplewood and Susan Lee*	0	0	0	0	0	0	0	0	0	0	0	\$0
12" and 15 Inch Interceptor Replacement in the Calloway Basin	0	0	0	0	0	0	0	0	1,779,120	0	0	\$1,779,120
12" Sewer Line on Emerald Hills Drive in Norwich Park (Emerald Hills Way - Irish Spring Dr.)	0	0	0	0	0	550,000	0	0	0	0	0	\$550,000
18" Interceptor Replacement along Holiday Lane	0	0	0	0	0	0	0	0	833,690	0	0	\$833,690
24" Interceptor Replacement in the Big Fossil Creek Basin	0	0	0	0	617,710	0	0	0	0	0	0	\$617,710
24" and 27" WW Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)	0	0	0	0	0	0	0	0	0	0	0	\$0
27" Interceptor Replacement along Walker Branch Creek	0	0	0	0	0	0	0	0	0	0	0	\$0
30" Interceptor Replacement along Holiday Lane	0	0	0	0	799,010	0	0	0	0	0	0	\$799,010
Harmonson Road Sanitary Sewer Improvements (CDBG)	0	0	0	0	0	0	0	0	0	0	0	\$0
I.H. 820 Utility Adjustments (Interchanges to Meadowlakes)	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 1 - 21" WW Relief Line along Loop 820	0	0	0	0	0	0	200,000	0	0	0	0	\$200,000
Line 10 - 24" WW Line along Richland Plaza Drive	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 11 - 12" WW Line along Charles Street	0	0	0	0	0	0	750,000	0	0	0	0	\$750,000
Line 12 - 15: WW Line East along Whitfield Ct.	0	0	0	0	0	0	0	0	0	0	1,700,000	\$1,700,000
Line 14 - 30" WW Line along Oak Ridge Terrance	0	0	0	0	0	0	700,000	0	0	0	0	\$700,000
Line 15 - 12" WW Line East of Cummings	0	0	0	500,000	0	0	0	0	0	0	0	\$500,000
Line 16 - 12"/15" WW Line along Thornbird Road	0	0	0	530,000	0	0	0	0	0	0	0	\$530,000
Line 17 - 15" WW Line along Jennings Drive	0	0	0	0	600,000	0	0	0	0	0	0	\$600,000
Line 18 - 12" WW Line along Diamond Loch West	0	0	0	0	400,000	0	0	0	0	0	0	\$400,000
Line 3 - 30" WW Relief Line along Iron Horse Boulevard	0	0	0	0	0	0	0	900,000	0	0	0	\$900,000
Line 4 - 18" WW Line along Little Ranch Road	0	0	0	2,000,000	0	0	0	0	0	0	0	\$2,000,000
Line 5 - 27" WW Line going north from Boulevard 26	0	1,431,360	0	0	0	0	0	0	0	0	0	\$1,431,360
Line 7 - 27" WW Line going south from Boulevard 26	0	302,400	0	0	0	0	0	0	0	0	0	\$302,400
Line 8 - Parallel 18" WW Line along Simmons Rd.	0	0	0	2,000,000	0	0	0	0	0	0	0	\$2,000,000
Line 9 - 12" WW Line along Rumfield and Redwood	0	0	1,450,848	0	0	0	0	0	0	0	0	\$1,450,848
Manhole Rehabilitation Project	0	0	100,000	0	100,000	0	0	100,000	0	0	0	\$300,000

**UTILITY IMPROVEMENTS LONG RANGE PLAN
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<i>New & Continuing Sewer Projects</i>												
Parallel Wastewater Outfall - Big Fossil Creek Outfall (From metering station NRH to Hwy 10 to	0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Miscellaneous Unexpected Sewer Line Breaks	0	0	1,000,000	0	0	1,000,000	0	0	0	0	0	\$2,000,000
Sanitary Sewer Assessment Cleanout and Lateral Line Repairs	0	100,000	500,000	0	100,000	0	0	0	0	0	100,000	\$800,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase III)	0	1,500,000	0	0	0	0	0	0	0	0	0	\$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase IV)	0	0	0	0	0	0	0	0	1,500,000	0	0	\$1,500,000
Sanitary Sewer System Rehabilitation (Various Locations)	150,000	0	0	0	0	0	0	0	0	0	0	\$150,000
Sanitary Sewer System Pipe Trunk Line Rehabilitation	125,000	0	0	0	0	0	0	0	0	0	0	\$125,000
Sewer Line Rehabilitation and Capacity Improvements	0	0	1,000,000	0	1,000,000	0	0	0	1,000,000	0	0	\$3,000,000
Total New & Continuing Sewer Improvements	\$275,000	\$3,743,620	\$4,691,848	\$6,496,199	\$4,623,927	\$1,650,000	\$0	\$1,000,000	\$5,112,810	\$0	\$2,200,000	\$22,480,594
<i>New & Continuing Water Projects</i>												
6" Water Line on Abbot Avenue (Mid Cities Blvd. - Johnson Court)	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
6" Water Line on Bob Drive (Harwood Road - Colorado Boulevard)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Bogata Drive (Trinidad Drive - Buenos Aires Drive)	0	0	120,000	0	0	0	0	0	0	0	0	\$120,000
6" Water Line on Bogata Drive (Trinidad Drive - Sierra Drive)	0	0	0	125,000	0	0	0	0	0	0	0	\$125,000
6" Water Line on Brookshire Trail (Chapman Road - Romford Way)	0	0	0	125,000	0	0	0	0	0	0	0	\$125,000
6" Water Line on Carol Court (Reynolds Road - Corona Drive)	0	0	0	0	200,000	0	0	0	0	0	0	\$200,000
6" Water Line on Cato Drive (Northfield Drive - 8624 Cato Drive)	0	0	0	0	200,000	0	0	0	0	0	0	\$200,000
6" Water Line on Chelmsford Place (Sandhurst Lane E - Little Ranch Road)	0	0	120,000	0	0	0	0	0	0	0	0	\$120,000
6" Water Line on Circle Drive (Susan Lee Lane - Cul-de-sac)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Circle View Drive (Lariat Trail - Shady Lake Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Cliffside Drive (Lariat Trail - Shady Lake Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Collard Court (Main Street - Cul-de-Sac)	0	75,000	0	0	0	0	0	0	0	0	0	\$75,000
6" Water Line on Commercial Drive (Maplewood Avenue - 5141 Davis Boulevard)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Copper Canyon ((Simmons Road - Cul-de-Sac)	0	0	0	75,000	0	0	0	0	0	0	0	\$75,000
6" Water Line on Cummings Drive (Maplewood Avenue - Janetta Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Daleview Drive (Windhaven Road - Greenridge Trail)	0	0	0	100,000	0	0	0	0	0	0	0	\$100,000
6" Water Line on Davis Boulevard (Woods Lane - Bursley Road)	0	0	0	135,000	0	0	0	0	0	0	0	\$135,000
6" Water Line on Deaver Drive (Susan Lee Lane - College Circle)	0	0	0	102,000	0	0	0	0	0	0	0	\$102,000
6" Water Line on Denton Highway	0	0	0	0	537,625	0	0	0	0	0	0	\$537,625
6" Water Line on Deville Drive (Victoria Avenue - Cummings Drive)	0	0	0	215,000	0	0	0	0	0	0	0	\$215,000
6" Water Line on Fair Meadows Drive (Crosstimbers Lane - Meadowview Ter.)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Fair Meadows Drive (Rufe Snow Drive - Crosstimbers Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Forrest Lane (Starnes Road - Timberhill Dead End)	0	0	65,000	0	0	0	0	0	0	0	0	\$65,000
6" Water Line on Greenhill Trail (Windcrest Lane - Shady Hollow Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Greendale Court (Rufe Snow Drive - Cul-de-sac)	0	0	65,000	0	0	0	0	0	0	0	0	\$65,000
6" Water Line on Green Meadow Drive (Holiday Lane - Lola Drive)	0	0	0	76,000	0	0	0	0	0	0	0	\$76,000
6" Water Line on Greenridge Trail (Hightower - Windhaven Road)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Guadalajara Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	93,000	0	0	0	0	0	0	\$93,000
6" Water Line on Guadalajara Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	76,000	0	0	0	0	0	0	\$76,000
6" Water Line on Harwood Road (Davis Boulevard - North Ridge Boulevard)	0	0	80,000	0	0	0	0	0	0	0	0	\$80,000
6" Water Line on Havana Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	93,000	0	0	0	0	0	0	\$93,000
6" Water Line on Havana Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	76,000	0	0	0	0	0	0	\$76,000
6" Water Line on Irongate Drive (Simmons Road - Cul-de-sac)	0	0	75,000	0	0	0	0	0	0	0	0	\$75,000
6" Water Line on Jennings Drive (Jerrrie Joe Drive - Boulevard 26)	0	0	0	114,000	0	0	0	0	0	0	0	\$114,000
6" Water Line on Jerrrie Joe Drive (Strummer Drive - Dead End)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Jerrrie Joe Drive (Wyoming Trl - Strummer Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Lake Side Circle (Meadow Lakes Drive)	0	0	0	200,000	0	0	0	0	0	0	0	\$200,000
6" Water Line on Lancashire Drive (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	85,000	0	0	0	0	0	0	\$85,000
6" Water Line on Lariat Trail (Meadow Lakes Drive - Riviera Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Larue Court (Rufe Snow Drive - Corona Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Meadowbrooks Drive (Royal Ridge Drive - Brookridge Drive)	0	0	0	0	91,000	0	0	0	0	0	0	\$91,000
6" Water Line on Main Street (Amundson Drive - Sherri Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Marilyn Lane (Holiday Lane - Loop 820)	0	0	0	81,000	0	0	0	0	0	0	0	\$81,000
6" Water Line on Mary Drive (Davis Boulevard - Stone Drive)	0	0	0	92,000	0	0	0	0	0	0	0	\$92,000

**UTILITY IMPROVEMENTS LONG RANGE PLAN
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<i>New & Continuing Water Projects</i>												
6" Water Line on Oak Ridge Drive (Starnes Road - John Autry Road)	0	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$150,000
6" Water Line on Oldham Place (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	110,500	0	0	0	0	0	0	\$110,500
6" Water Line on Onyx Drive North	0	303,600	0	0	0	0	0	0	0	0	0	\$303,600
6" Water Line on Parkway Avenue (Red Oak Street - Oak Ridge Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Puerto Vallarta Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	93,000	0	0	0	0	0	0	\$93,000
6" Water Line on Puerto Vallarta Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	76,000	0	0	0	0	0	0	\$76,000
6" Water Line on Redondo Street (Shauna Drive - Briley Dr.)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Ridgeway Avenue (Parkway Avenue - John Autry Road)	0	0	226,000	0	0	0	0	0	0	0	0	\$226,000
6" Water Line on Sandhurst Lane (Little Ranch Road - Little Ranch Road)	0	0	0	0	50,000	0	0	0	0	0	0	\$50,000
6" Water Line on Shchiller Drive (Gentling Place - Abby Road)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Shadydale Drive (Meadowview Ter. - Crosstimbers Lane)	0	0	0	71,000	0	0	0	0	0	0	0	\$71,000
6" Water Line on Smithfield Road (Brandi Place - Odell Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Southampton Road (Chapman Road - Wakefield Road)	0	0	0	158,000	0	0	0	0	0	0	0	\$158,000
6" Water Line on Spring Lee Way (Starnes Road - Lincoln Drive)	0	0	57,000	0	57,000	0	0	0	0	0	0	\$114,000
6" Water Line on Stillmeadows Circle (Stillmeadows Circle N - Stillmeadows Circle S)	0	0	70,000	0	0	0	0	0	0	0	0	\$70,000
6" Water Line on Stone Drive (Mary Drive - Jean Ann Drive)	0	0	0	0	64,000	0	0	0	0	0	0	\$64,000
6" Water Line on St. Patrick Street (Newman Drive - Cork Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Susan Court (Scott Drive - 7533 Susan Court)	0	0	0	59,000	0	0	0	0	0	0	0	\$59,000
6" Water Line on Timberhill Drive (Starnes Road - Forrest Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Timberidge Drive (Starnes Road - Timberlane Drive)	0	116,000	0	0	0	0	0	0	0	0	0	\$116,000
6" Water Line on Tunbridge Drive (Sandhurst Lane E - Sandhurst Lane S)	0	0	100,000	0	0	0	0	0	0	0	0	\$100,000
6" Water Line on Wendell Drive (Webster St - Wendell Court S.)	0	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Winchester Road (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	96,000	0	0	0	0	0	0	\$96,000
6" Water Line on Windhaven Road (Hightower Drive - Starnes Road)	0	252,000	0	0	0	0	0	0	0	0	0	\$252,000
8" Water Line on Cloyce Court (Maplewood - Loop 820)	0	0	120,000	0	0	0	0	0	0	0	0	\$120,000
8" Water Line on Commercial Drive (Maplewood - 5109 Commercial Dr)	0	0	0	0	0	0	0	0	0	0	0	\$0
8" Water Line on Meadowview Terrace (Starnes Road - Springdale Lane)	0	0	0	0	0	0	0	0	0	0	0	\$0
8" Water Line on Ridgetop Road (Windhaven Road - Hanging Cliff Place)	0	0	0	0	0	0	0	0	0	0	0	\$0
8" Water Line on Riviera Drive (Hillside Drive - Dead End)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Line on Boulevard 26/Cardinal Lane (Venue Development)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Line on Davis Boulevard (Harwood Road - Emerald Hills Way)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Line and Motor Operated Valve across Hwy 820 East of Meadow Lakes	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Line on Susan Lee Lane (Circle Drive - North Richland Boulevard)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Line on Susan Lee Lane (Lola Drive - N. Richland Blvd.)	0	0	0	0	0	0	0	0	0	0	0	\$0
12" Water Main & Valve (Across Loop 820 East of Iron Horse Blvd.)	0	0	0	0	0	0	0	0	0	0	0	\$0
16" Water Line along Rumfield Road (Boca Raton Dr. - Spring Oak Drive)	0	0	0	0	0	0	0	0	0	0	0	\$0
16" Water Line along Spring Oaks Drive	0	0	0	0	0	0	0	0	0	0	0	\$0
16" Water Line on Amundson Road (Amundson - Cardinal Lane)	0	620,136	0	0	0	0	0	0	0	0	0	\$620,136
16" Water Line on Amundson Road (Donna Drive - Simmons Road)	0	0	0	260,000	0	0	0	0	0	0	0	\$260,000
16" Water Line on Cardinal Lane (Davis Boulevard - Sunnybrook Drive)	0	0	440,000	0	0	0	0	0	0	0	0	\$440,000
16" Water Line on Commercial Drive (Maplewood - 5141 Davis Boulevard)	0	0	0	0	0	0	0	0	0	0	0	\$0
16" Water Line on Davis Boulevard (7400 Starnes Road - 8100 Davis Boulevard)	0	0	800,000	0	0	0	0	0	0	0	0	\$800,000
16" Water Line on Davis Boulevard (8200-8850 Davis Boulevard)	0	0	800,000	0	0	0	0	0	0	0	0	\$800,000
16" Water Line on Davis Boulevard (Smithfield - Cardinal Lane)	0	620,136	0	0	0	0	0	0	0	0	0	\$620,136
16" Water Line along Smithfield Road North of Mid Cities	0	0	0	0	0	0	0	0	0	0	0	\$0
18" Water Line along Stanley-Keller Road (Haltom Road - Denton Hwy)	0	0	0	0	0	568,440	0	0	0	0	0	\$568,440
24" Water Line on Amundson Road (Meandering Drive - Amundson EST.)	0	0	0	328,900	0	0	0	0	0	0	0	\$328,900
24" Water Line from 7405 Hightower Drive to Holiday Lane	0	0	0	0	0	300,000	0	0	0	0	0	\$300,000
24" Water Line at 8609 Hightower Drive (Eden Road to Amundson Drive)	0	0	501,250	0	0	575,000	0	0	0	0	0	\$1,076,250
24" Water Line on Hightower Drive (Smithfield Road - Davis Blvd.)	0	0	0	0	0	0	0	0	0	0	0	\$0
College Hills Ground Storage Tank Rehabilitation	85,000	0	0	0	0	700,000	0	0	0	0	0	\$785,000
Conn Ground Potable Water Storage Tank Rehabilitation and Facility Upgrades	0	0	0	0	0	0	0	0	0	0	1,500,000	\$1,500,000
Dude Court & Jennings Drive Galvanized Water Main Replacement [CDBG13]	0	0	0	0	0	0	0	0	0	0	0	\$0
Fort Worth Water Supply Improvements	0	0	0	0	0	2,545,540	0	0	0	0	0	\$2,545,540
Harmonson Road Sanitary Sewer Rehabilitation (CDBG)	396,000	0	0	0	0	0	0	0	0	0	0	\$396,000
Johnson Ground Water Storage Tank Replacement	0	0	0	0	0	0	0	0	0	0	2,809,000	\$2,809,000
Johnson Pump Station Component and Infrastructure Replacements	0	0	0	0	0	0	0	0	0	0	0	\$0

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<i>New & Continuing Water Projects</i>												
Line 1 - 24" WL along Mid Cities Boulevard	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 2 - 30" WL along Mid Cities Boulevard	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Line 9 - 12" WL south from Janetta Drive Along Holiday Lane	0	0	0	0	664,272	0	0	0	0	0	0	\$664,272
Line 10 - Add 5 MG GST at Watauga PS	0	0	0	0	0	0	0	0	0	0	5,000,000	\$5,000,000
Line 11 - 8" WL from Davis Boulevard	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 12 - 8" WL from existing 24" WL on Hightower Drive	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 13 - Install 3 pressure reducing stations (HWY 377)	0	0	0	0	0	0	0	0	0	0	0	\$0
Line 14 - Offsite water supply improvements	0	0	0	0	0	0	0	0	0	3,360,000	0	\$3,360,000
Line 15 - 16" WL along North Tarrant Parkway	0	0	0	0	0	0	0	400,000	0	0	0	\$400,000
Line 16 - 16" WL along Smithfield Road	0	0	0	0	0	0	0	0	0	2,557,000	0	\$2,557,000
Line 17 - 16" WL Hightower South along Meadow Road	0	1,100,000	0	0	0	0	0	0	0	0	0	\$1,100,000
Line 18 - 12" WL along Eagle Crest Dr.	0	0	0	0	0	300,000	0	0	0	0	0	\$300,000
Line 19 - 16" WL from existing 16" WL along Janetta Drive	0	0	0	0	0	0	0	1,200,000	0	0	0	\$1,200,000
Line 20 - 12" WL from Corona Dr.	0	474,468	0	0	0	0	0	0	0	0	0	\$474,468
Line 21 - WL along Glenview Drive	0	737,251	0	0	0	0	0	0	0	0	0	\$737,251
Line 22 Expand Pumping Capacity at Watauga PS	0	0	0	0	0	2,016,000	0	0	0	0	0	\$2,016,000
Line 23 - Miscellaneous Water Line Rehabilitation	0	0	0	0	1,000,000	1,000,000	0	1,000,000	0	0	0	\$3,000,000
Line 24 - 16" WL from Davis Boulevard	0	0	0	0	0	0	0	640,147	0	0	0	\$640,147
Line 25 - Replace Existing 8" WL along Boulevard 26	0	0	0	0	0	0	0	490,896	0	0	0	\$490,896
Line 26 - Replace 12" WL along Precinct Line	0	0	0	0	0	0	0	1,662,091	0	0	0	\$1,662,091
Line 27 - New 12" WL from Precinct Line	0	0	0	0	0	0	0	739,267	0	0	0	\$739,267
Line 28 - Miscellaneous Water Line Rehabilitation	0	0	0	0	0	0	0	0	0	0	0	\$0
Miscellaneous Unexpected Water Line Breaks	0	300,000	300,000	300,000	300,000	300,000	0	0	0	0	0	\$1,500,000
Proposed 12" Water Line along Boulevard 26*	0	0	0	0	0	0	0	0	0	0	0	\$0
Proposed 12" Water Line along Eagle Crest Drive	0	0	0	0	0	0	0	0	0	303,330	0	\$303,330
Proposed 12" /10" Water Line along Amundson Drive and 12" Water Line South of Mid Cities	0	0	0	0	0	0	0	0	0	537,600	0	\$537,600
Proposed 16" Water Line along Clark Street and Harwood Road*	0	0	0	0	0	0	0	0	0	0	0	\$0
Proposed 16" Water Line along Holiday Lane and Janetta Drive*	0	0	0	0	0	0	0	0	0	0	0	\$0
Proposed 20" Water Line along Mid Cities Boulevard	0	0	0	0	0	0	0	0	2,136,630	0	0	\$2,136,630
Proposed 24" Water Line along Watauga Road	0	0	0	0	0	0	0	0	2,737,330	0	0	\$2,737,330
Proposed 8" Water Line along Country Place Drive South of Northfield Drive	0	0	0	0	0	0	0	0	50,790	0	0	\$50,790
Site Improvements at Shady Grove EST	0	0	0	0	0	0	0	0	0	0	0	\$0
Stanley-Keller Road Pump Station Replacement	0	0	0	0	800,000	0	0	0	0	0	0	\$800,000
Starnes Elevated Tank Rehabilitation	0	0	0	0	0	1,000,000	0	0	0	0	0	\$1,000,000
Watauga Pump Station Improvements with 5 MG Storage	0	0	0	0	0	0	0	0	0	3,024,000	0	\$3,024,000
Water Main (Loop 820 Crossing)	0	0	0	0	0	0	0	0	0	0	0	\$0
Water Storage and Facility Security System	0	0	0	0	0	0	0	0	0	0	0	\$0
Water Storage Tank Improvements	0	0	1,000,000	0	0	0	0	0	0	0	0	\$1,000,000
Water Storage Tank Site And Storage Facility and Storage Tank Facility Upgrades	0	500,000	0	0	0	0	0	0	0	0	0	\$500,000
Water System Evaluation Study	0	0	0	0	0	0	0	0	0	0	0	\$0
Western Center Ground Storage Tank Rehabilitation	0	0	0	0	0	750,000	0	0	0	0	0	\$750,000
Western Center Water Facility Expansion	0	0	0	0	0	0	0	0	0	0	0	\$0
Total New & Continuing Water Improvements	\$481,000	\$5,248,591	\$4,939,250	\$2,616,900	\$4,762,397	\$10,054,980	\$0	\$6,132,401	\$4,924,750	\$9,781,930	\$9,309,000	\$58,251,199
Total Utility Improvements Projects	\$1,996,000	\$10,232,211	\$10,906,098	\$10,488,099	\$10,761,324	\$13,079,980	\$1,375,000	\$8,507,401	\$11,412,560	\$11,156,930	\$12,884,000	\$95,486,793
<i>Utility Related Major Capital Equipment</i>												
Hydro-Excavation Vacuum Trailer	0	0	0	0	0	0	0	0	0	0	0	\$0
GPS Fleet Tracking Program	0	0	0	0	0	0	0	0	0	0	0	\$0
Meter and Transponder Replacement Program 2015	0	0	0	0	0	0	0	0	0	0	0	\$0
Pump and Motor Replacements and Repairs	0	0	0	0	0	0	0	0	0	0	0	\$0
Transponder Transmission Unit Replacement Program (2015)	0	0	0	0	0	0	0	0	0	0	0	\$0
Total Utility Related Major Capital Equipment	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Project Costs	\$1,996,000	\$10,232,211	\$10,906,098	\$10,488,099	\$10,761,324	\$13,079,980	\$1,375,000	\$8,507,401	\$11,412,560	\$11,156,930	\$12,884,000	\$95,486,793
*Impact Fee Projects												\$0

Schedule 3 Utility Capital Projects Budget Summary

Pg. No.	Map ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs						
Continuing Projects						
95	-	Big Fossil Creek Wastewater Outfall	1,200,000	0	0	0 \$ 1,200,000
97	1	Franklin Court Sewer Addition and Gifford Connection	150,000	0	0	0 \$ 150,000
99	-	Impact Fee Update (2016)	110,000	0	0	0 \$ 110,000
101	2	Johnson Pump Station Component and Infrastructure Replacements	275,000	0	0	0 \$ 275,000
103	3	Miscellaneous Water/Sewer Main Replacements (2016)	420,000	0	0	0 \$ 420,000
105	4	Motor Operated Transfer Valves	730,000	0	0	0 \$ 730,000
107	5	Sanitary Sewer Line Replacements (Crabtree & Onyx N.)	125,000	0	0	0 \$ 125,000
109	6	Small Water Main Replacements (2016)	420,000	0	0	0 \$ 420,000
111	7	Walker Branch Interceptor Project	416,525	0	0	0 \$ 416,525
113	9	Water Line Replacement on Susan Lee (Lola Dr. to N. Richland Blvd.)	790,000	0	0	0 \$ 790,000
115	10	Western Center Water Facility Expansion	55,000	0	0	0 \$ 55,000
Total Continuing Projects			\$ 4,691,525	\$ 0	\$ 0	\$ 0 \$ 4,691,525
New Projects						
117	11	College Hill Ground Storage Tank Stand Pipe	0	85,000	0	0 \$ 85,000
119	12	Harmonson Road Sanitary Sewer Improvements	0	396,000	0	0 \$ 396,000
121	13	Miscellaneous Water/Sewer Main Replacements (2017)	0	420,000	0	0 \$ 420,000
123	-	Sanitary Sewer System Rehabilitation (Various Locations)	0	150,000	0	0 \$ 150,000
125	14	Sanitary Sewer System Trunk Line Rehabilitation	0	125,000	0	0 \$ 125,000
127	15	Small Water Main Replacements (2017)	0	420,000	0	0 \$ 420,000
128	-	Telemetric Water Meter Annual Maintenance (2017)	0	400,000	0	0 \$ 400,000
Total New Projects			\$ 0	\$ 1,996,000	\$ 0	\$ 0 \$ 1,996,000
Total Project Costs			\$ 4,691,525	\$ 1,996,000	\$ 0	\$ 0 \$ 6,687,525
Funding Sources						
Certificates of Obligation						
Certificates of Obligation			2,545,000	0	0	0 2,545,000
Total Certificates of Obligation			\$ 2,545,000	\$ 0	\$ 0	\$ 0 \$ 2,545,000
Federal/State Grants						
CDBG Grant Funds			0	396,000	0	0 396,000
Total Federal/State Grants			\$ 0	\$ 396,000	\$ 0	\$ 0 \$ 396,000
Reserves						
Impact Fees			110,000	0	0	0 110,000
Reserves			216,525	0	0	0 216,525
Unspecified Project Savings			55,000	0	0	0 55,000
Utility Operations for Capital Projects			500,000	1,600,000	0	0 2,100,000
Project Savings			790,000	0	0	0 790,000

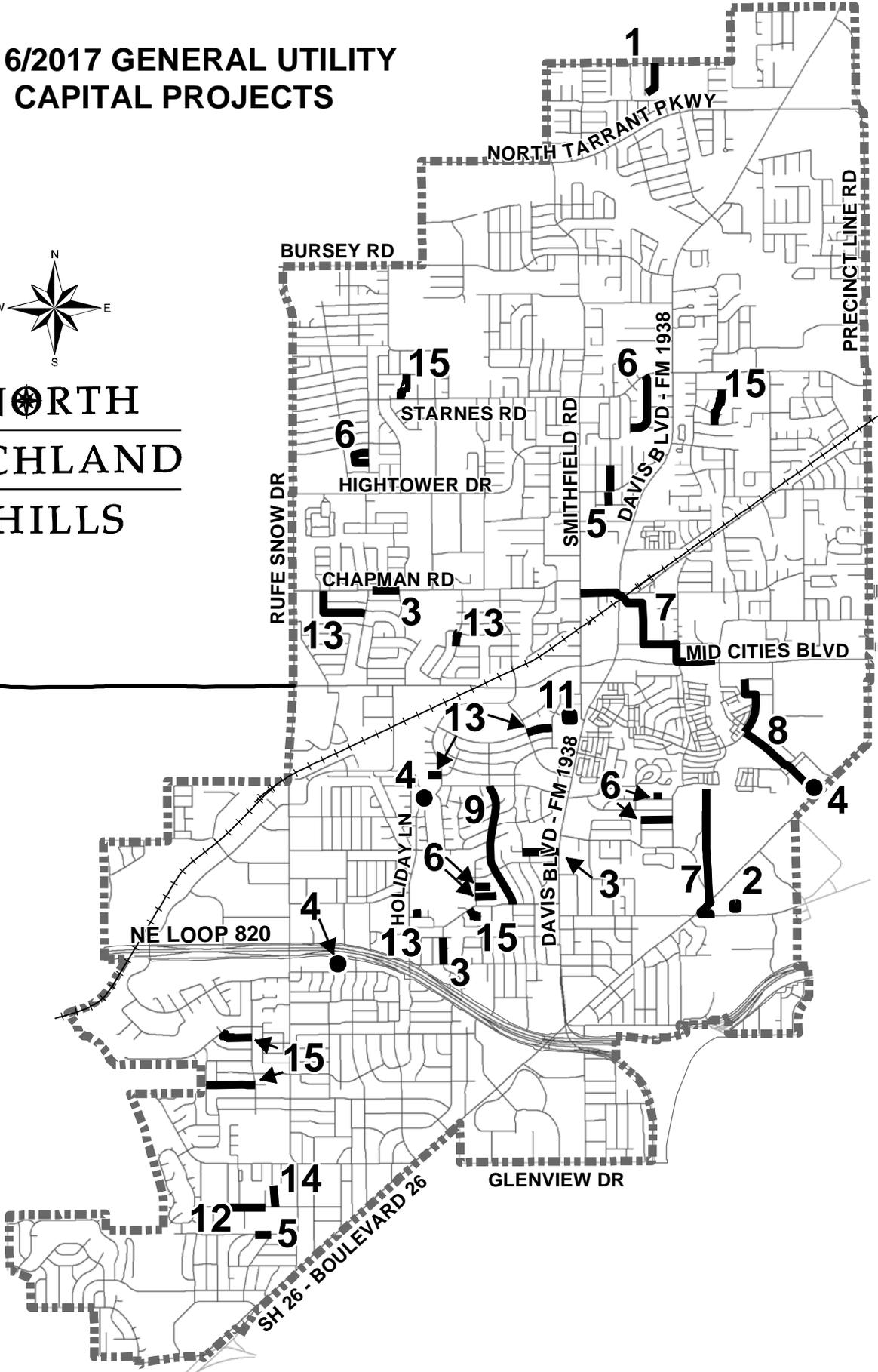
Schedule 3 Utility Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Utility Reserve for Future Construction	275,000	0	0	0	275,000
Total Reserves	\$ 1,946,525	\$ 1,600,000	\$ 0	\$ 0	\$ 3,546,525
Other					
Impact Fees	200,000	0	0	0	200,000
Total Other	\$ 200,000	\$ 0	\$ 0	\$ 0	\$ 200,000
Total Sources of Funds	\$ 4,691,525	\$ 1,996,000	\$ 0	\$ 0	\$ 6,687,525

2016/2017 GENERAL UTILITY CAPITAL PROJECTS



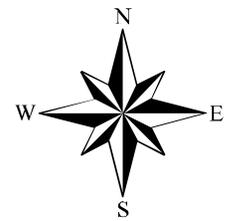
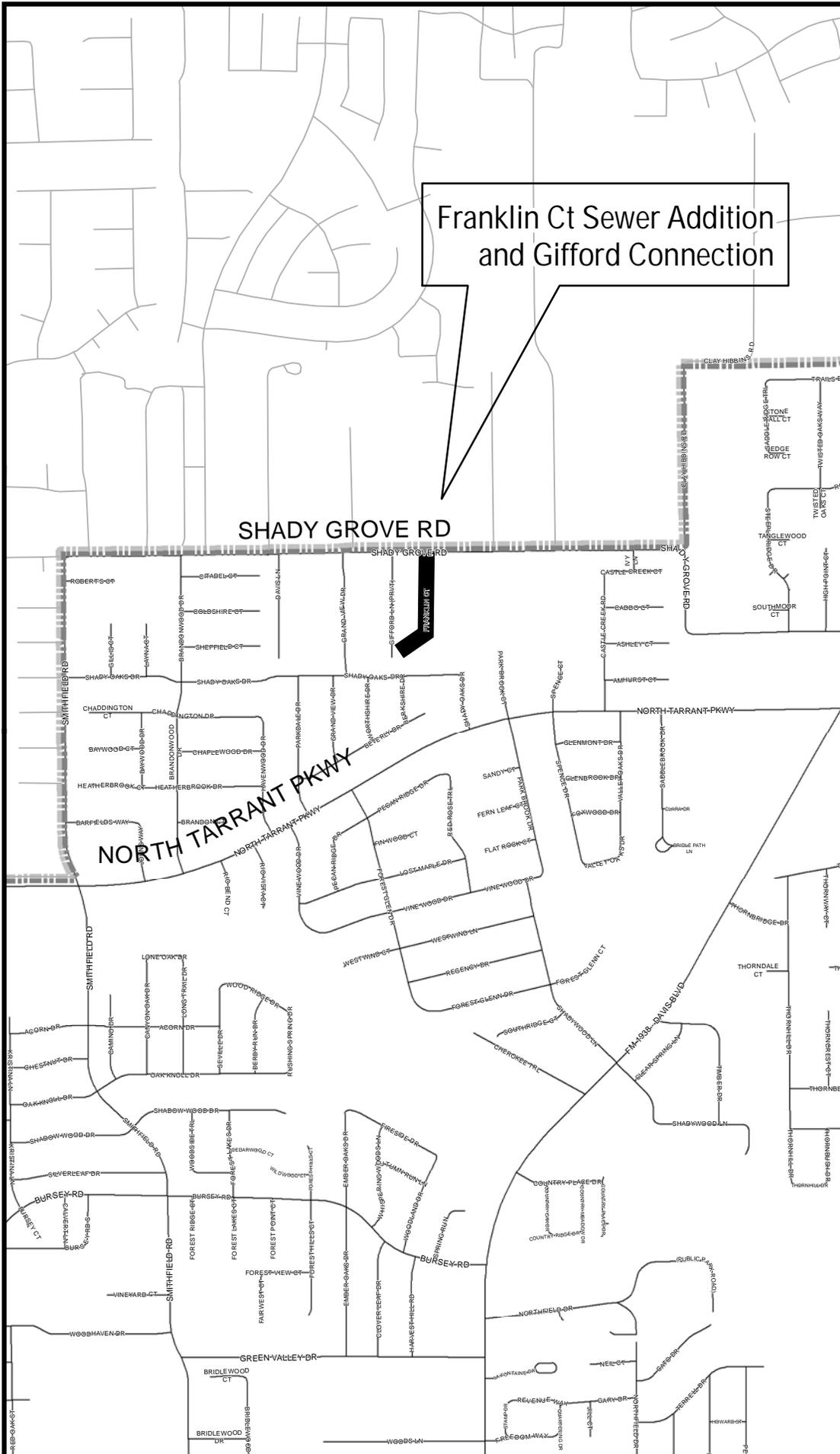
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NRH

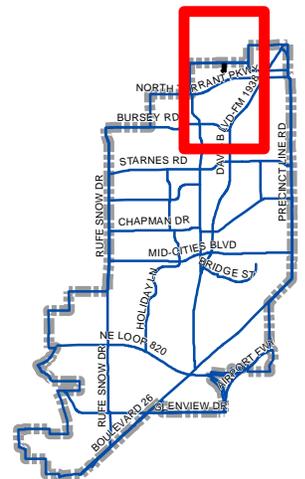
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Big Fossil Creek Wastewater Outfall				UT0201	
Project Description						
This project consists of constructing a parallel wastewater outfall main from the North Richland Hills metering station, which is north of State Highway 10 to the Trinity River. North Richland Hills, Richland Hills, Haltom City, and Fort Worth discharge sanitary sewer into this section of the existing outfall mains. Each city will pay a portion of the cost based on volume of flow from their city. The size of the main will vary, but will be as large as 90" in diameter. North Richland Hills will need to pay for connecting its existing outfall to the new outfall. After the new outfall is complete, both wastewater pipelines will be owned, operated and maintained by Fort Worth as part of its system.						
Project Justification						
This line is a trunk main that serves the cities of NRH, Haltom City, Fort Worth, and Richland Hills. The line is approximately 50 years old and is in very poor condition. Also, the line is undersized and needs to be larger.						
Note: Delays are due to other cities negotiating the alignment of the wastewater main.						
The Reserves funding is from Utility Fund.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2001-02	\$1,200,000		
Professional Services		Total		\$1,200,000		
Engineering/Design	07/2010					
Land/ROW Acquisition	08/2016					
Construction	02/2016					
Other						
Total Schedule	07/2010	12/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	700,000	0	0	0	\$700,000	
Federal/State Grants						
Reserves	500,000	0	0	0	\$500,000	
Sales Tax						
Other						
Total Funding	\$1,200,000	\$0	\$0	\$0	\$1,200,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design	150,000	0	0	0	\$150,000	
Land/ROW Acquisition	50,000	0	0	0	\$50,000	
Construction	1,000,000	0	0	0	\$1,000,000	
Other						
Total Costs	\$1,200,000	\$0	\$0	\$0	\$1,200,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Franklin Ct Sewer Addition and Gifford Connection



NORTH RICHLAND HILLS

Project Locator Map

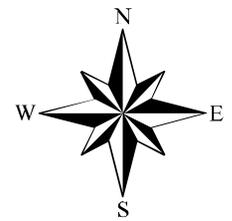
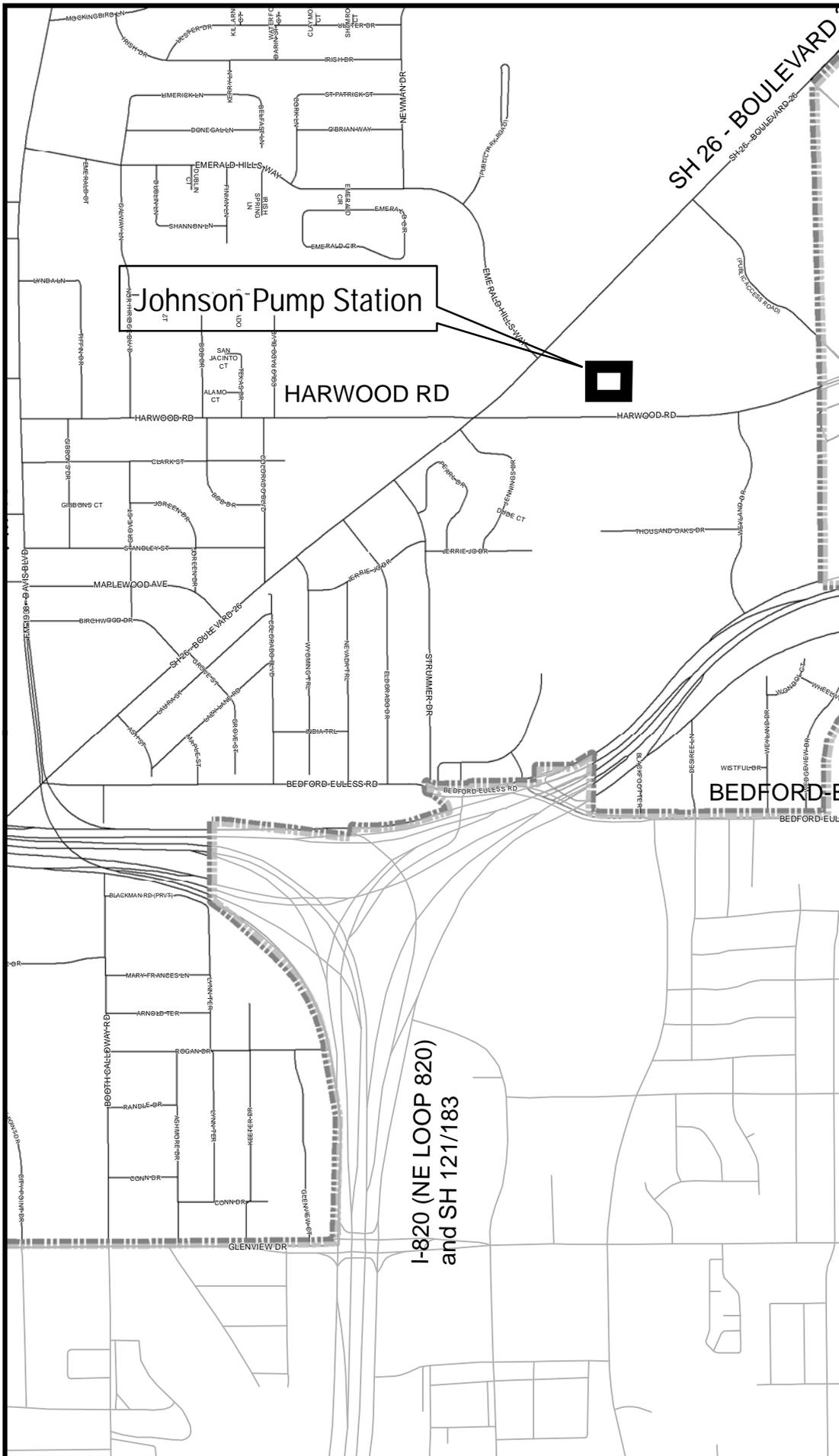


Utility Capital Projects						
Department	Project Title					Project Number
Public Works	Franklin Court Sewer Addition and Gifford Connection					UT1601
Project Description						
This project consists of design and construction of a new 6" sanitary sewer along Franklin Court with a partial connection to Gifford for future development. The project will consist of approximately 1,000 linear feet of 6" sanitary sewer.						
Project Justification						
The lots on Franklin Court were platted in the 1950's and have not had access to NRH City utilities since that time. The older mobile homes on the street were served by individual septic systems. Currently the platted lot sizes (less than ¼ acre each) pose a challenge to development in the area as there is insufficient land area to accommodate conventional R-2 homes with onsite septic systems. A sanitary sewer stub-out to the far south end of Franklin Court was provided in the 1990's with Shady Oaks. Extending this system north to serve Franklin Court unlocks development potential on the immediate 19 lots and also allows for a future extension to serve Gifford Lane, which also lacks sewer service.						
Note: Funding sources are from Certificates of Obligation.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$150,000	
Engineering/Design	03/2016	06/2016	Total		<u>\$150,000</u>	
Land/ROW Acquisition	11/2016	12/2016				
Construction	12/2016	08/2017				
Other						
Total Schedule	<u>03/2016</u>	<u>08/2017</u>				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	150,000	0	0	0	\$150,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$150,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$150,000</u>	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	20,000	0	0	0	\$20,000	
Land/ROW Acquisition	10,000	0	0	0	\$10,000	
Construction	120,000	0	0	0	\$120,000	
Other						
Total Costs	<u>\$150,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$150,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

NRH

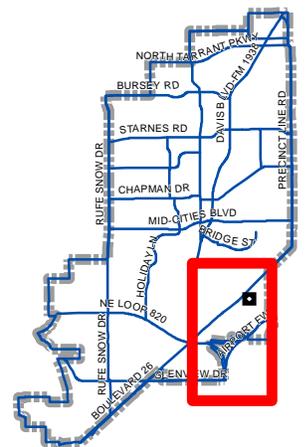
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Impact Fee Update (2016)				UT1602	
Project Description						
This project will consist of an update to the current Impact Fee Study. An evaluation and analysis will be made of the current water and sewer impact fee program and rates to determine future needed improvements and rate levels. The Impact Fee Study consists of 3 components: an update to the Land Use Assumption Plan, identifying future water and sewer improvements needed for new development, and determining the appropriate impact fee to fund the future development.						
Project Justification						
Recently the city has had developer's seriously looking to develop in the two TOD areas. One Developer presented a preliminary plan which included residential and commercial development. After reviewing the plan it was determined that the city's sewer infrastructure would not meet the demand from the proposed development. Even though the City's Land Use Assumption Plan included the TOD areas, the population projections prepared by the North Central Texas Council of Governments and used in the previous Impact Fee Update (over 5 years ago) were less than what the city's TOD zoning allows. Significant changes in the Land Use Assumption Plan are not anticipated in this update but the proposed infrastructure needs are expected to increase because of the higher population projections.						
Note: Reserve Funding is from Impact Fee Reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2015	04/2017	Adopted Budget	2015-16	\$110,000	
Engineering/Design			Total		\$110,000	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	10/2015	04/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	110,000	0	0	0	\$110,000	
Sales Tax						
Other						
Total Funding	\$110,000	\$0	\$0	\$0	\$110,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	110,000	0	0	0	\$110,000	
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$110,000	\$0	\$0	\$0	\$110,000	
Operating Impact						
No operating impact anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Johnson Pump Station Component and Infrastructure Replacements



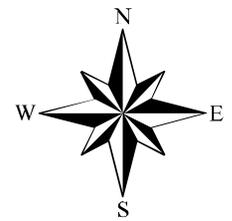
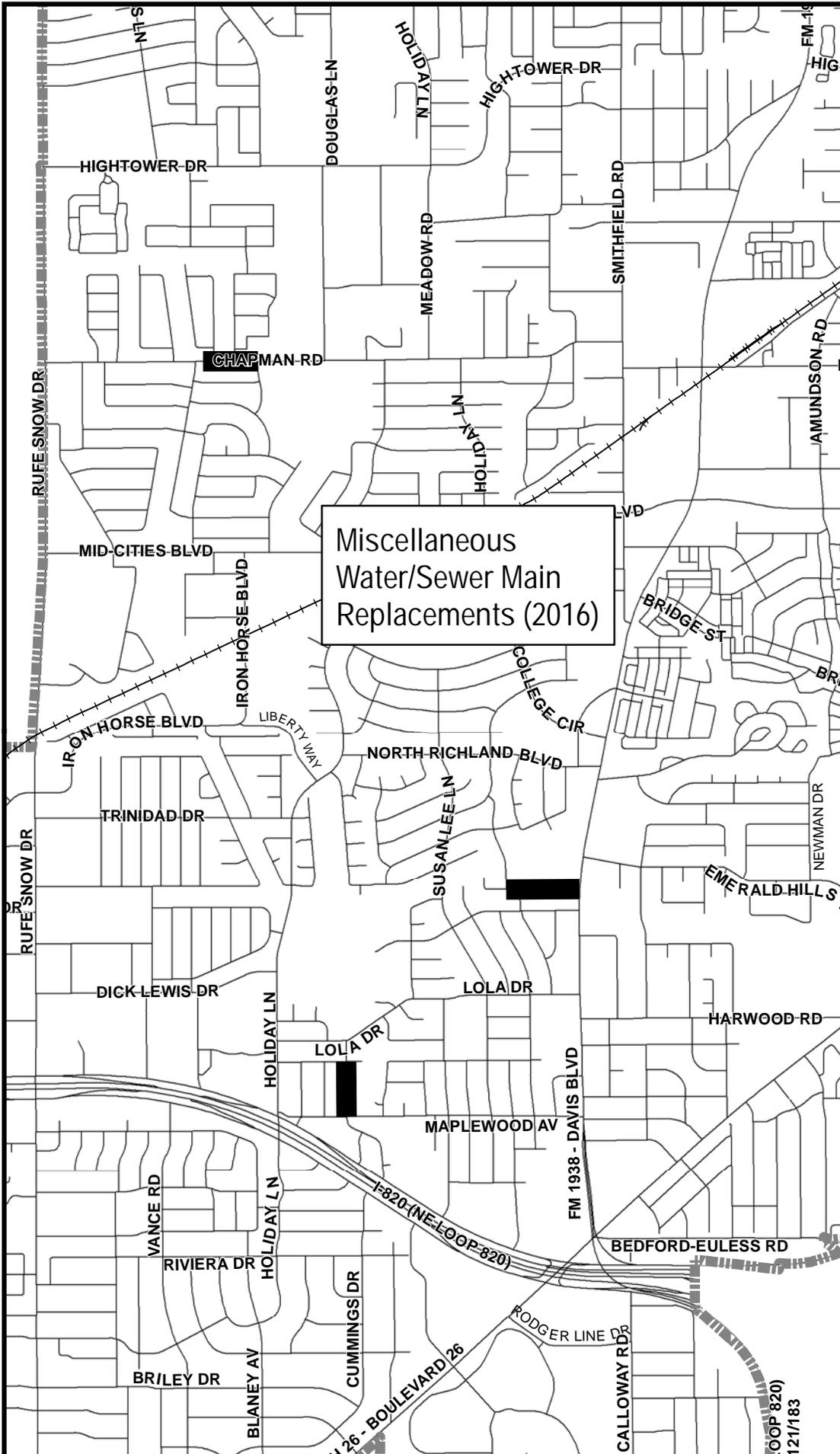
NORTH RICHLAND HILLS

Project Locator Map



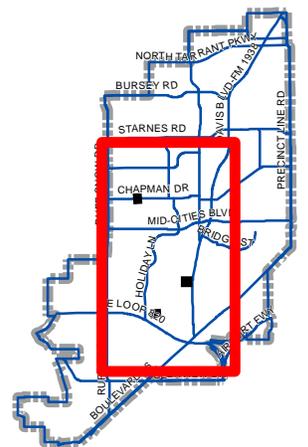
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Johnson Pump Station Component and Infrastructure Replacements				UT1402	
Project Description						
This project will consist of the replacement of (2) two pumps and motors inside the Johnson Pump Station facility located at 8501 Harwood Road. Included will be replacement of a short section of discharge header pipe outside the pump station, replacement of the entry pipe from the road side to the storage tank, and replacement of the manually operated water valve with a motorized valve on the entry pipe.						
Project Justification						
The City of North Richland Hills owns 18 pumps and motors, which are used to boost water pressures, manipulate water tank levels, and provide ample water supply to its citizens. The pumps and motors are vital to operations and essential for providing safe and reliable water in the distribution system. Several of the City's pumps and motors are aging and in need of replacement. Currently, there are 2 remaining pumps and motors that are 30 years old in the system. The 2 pumps and motors are located inside Johnson Pump Station. As pumps and motors age and wear, components begin to slow down and pump efficiency falls below the standard to adequately provide stable water pressures. These two pumps are directly connected to a section of discharge header pipe used to carry pressures to College Pump Station. The discharge header piping directly outside of the pump station is made of steel and has been repaired for leaks on two occasions. Approximately 40 feet of steel pipe remaining in the ground was installed over 30 years ago and is in need of replacement. The water line on site used to carry water into the Johnson Ground Storage Tank is in need of replacement. This cast iron water line has also been in the ground for over 30 years and showing signs of deterioration. This pipe is important in the process of filling this 2 million gallon tank for the City's storage and detention in the southeast end of town. During the construction of the new tank entry line a new motorized valve will be installed to replace the existing manually operated valve. Currently the manually operated valve outside the tank is leaking by and cannot be completely turned off due to age and deterioration. The installation of a new motorized valve will enable the Water Department to better control the circulation and water levels at the tank through SCADA operations thus improving overall water quality in the system.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2013-14	\$275,000	
Engineering/Design			Total		\$275,000	
Land/ROW Acquisition						
Construction	10/2013	09/2017				
Other						
Total Schedule	10/2013	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	275,000	0	0	0	\$275,000	
Sales Tax						
Other						
Total Funding	\$275,000	\$0	\$0	\$0	\$275,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	275,000	0	0	0	\$275,000	
Other						
Total Costs	\$275,000	\$0	\$0	\$0	\$275,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Miscellaneous Water/Sewer Main Replacements (2016)



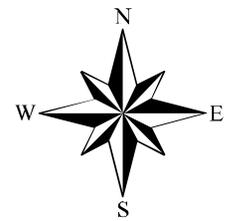
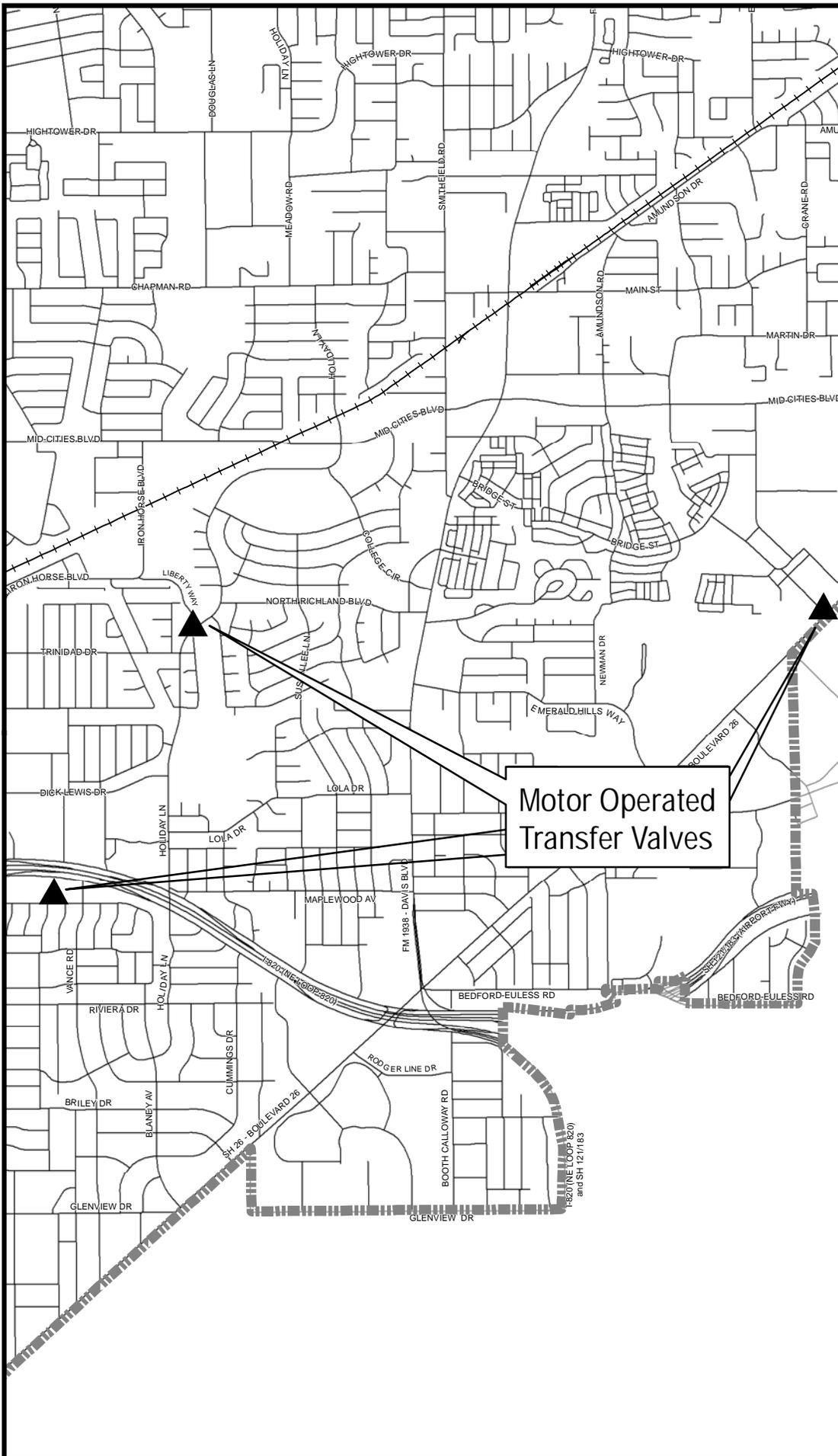
NORTH RICHLAND HILLS

Project Locator Map



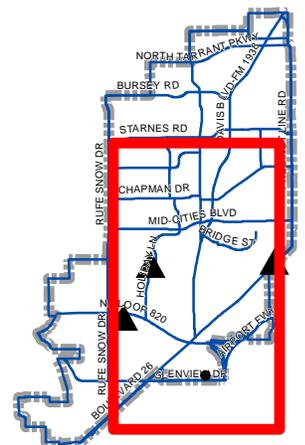
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Miscellaneous Water/Sewer Main Replacements (2016)				UT1603	
Project Description						
This is an annual program that is completed by the Public Works Construction Division. The program will provide for water & sewer replacements on the following streets: Chapman Rd. (7104 Chapman to Brookshire), Cummings (Maplewood to Janetta), Mary Drive (Davis Blvd. to Stone).						
Project Justification						
The specific projects are selected based on factors such as maintenance cost, location, age, and size. This project provides for the retirement of existing water lines which are causing a decrease in system capacity and water quality. This project also replaces old lines that have significant maintenance and operating costs. The construction of these lines are completed by the Public Works Construction Division.						
Funding source: Certificates of Obligation.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$420,000	
Engineering/Design			Total		\$420,000	
Land/ROW Acquisition						
Construction	10/2015	01/2017				
Other						
Total Schedule	10/2015	01/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	420,000	0	0	0	\$420,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$420,000	\$0	\$0	\$0	\$420,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	420,000	0	0	0	\$420,000	
Other						
Total Costs	\$420,000	\$0	\$0	\$0	\$420,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Motor Operated Transfer Valves

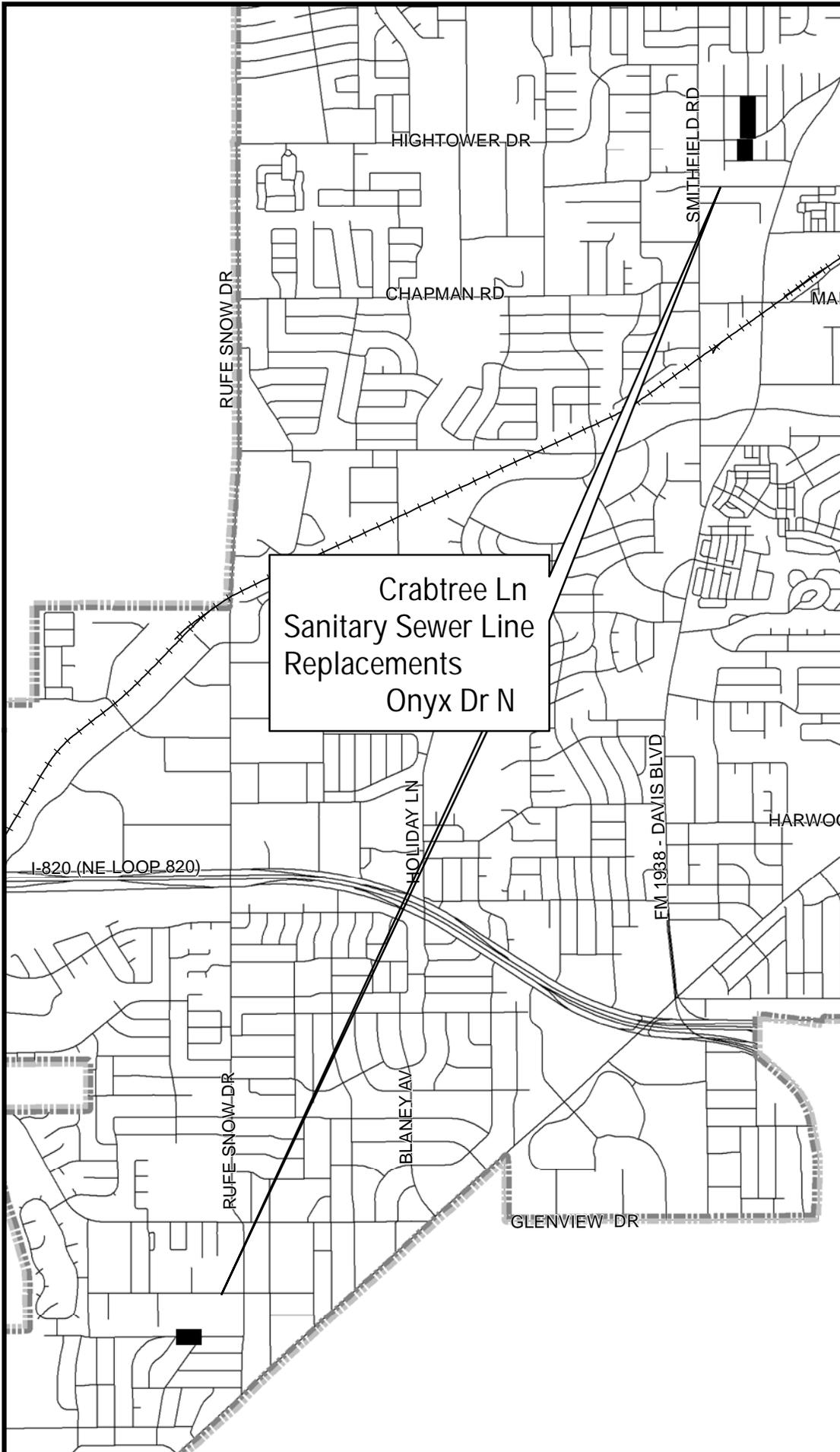


NORTH RICHLAND HILLS

Project Locator Map

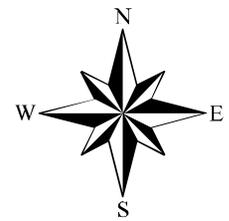


Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Motor Operated Transfer Valves				UT1404	
Project Description						
This project consists of motor operated valves to be placed on existing water lines at three locations along Holiday Lane, Thaxton Parkway, and Boulevard 26.						
Project Justification						
This project is part of the City's Water Capital Improvement Plan that is taken from the Water and Wastewater Master Plan of 2011.						
The proposed motor operated transfer valves will allow water to transfer from the north and south areas of the City without increasing the water pressure at customer's taps. This will improve the water circulation in the city and will provide adequate water supplies during peak demand. The valves will also help to keep adequate water supplies in the elevated and ground storage tanks throughout the City.						
The valves are very large and require major construction of holding vaults to be built along with electronics to be installed to operate the valves on a daily basis. Monitoring of the valves will be accomplished by electronic data on a daily basis to meet the requirements of maintaining adequate water pressure throughout the City.						
Project funding source is Certificates of Obligation.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2013-14	\$730,000	
Engineering/Design			Total		\$730,000	
Land/ROW Acquisition	11/2015	08/2016				
Construction	09/2016	05/2017				
Other						
Total Schedule	11/2015	05/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	730,000	0	0	0	\$730,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$730,000	\$0	\$0	\$0	\$730,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	730,000	0	0	0	\$730,000	
Other						
Total Costs	\$730,000	\$0	\$0	\$0	\$730,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



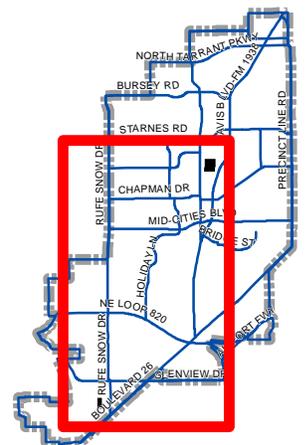
Sanitary Sewer Line Replacements

(Crabtree Ln & Onyx Dr N)



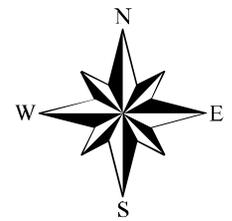
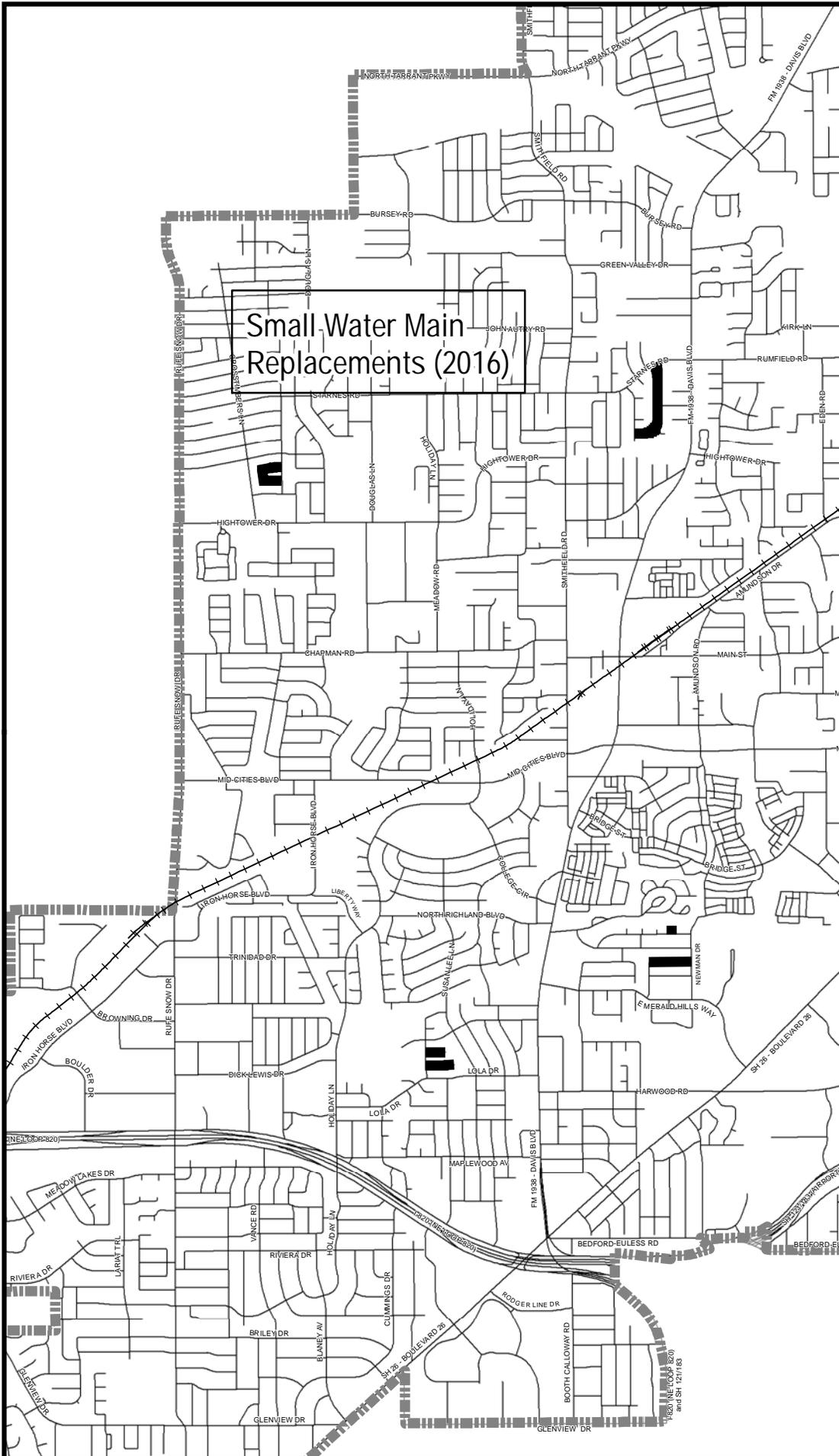
NORTH RICHLAND HILLS

Project Locator Map



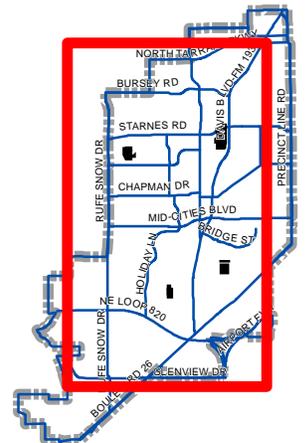
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer Line Replacements (Crabtree & Onyx N.)				UT1604	
Project Description						
This project will consist of pipe bursting 1,790 linear feet of 6 inch clay pipe on Crabtree Ln. (6900 Block thru 7000 Block). The project will also replace a 6 inch ductile iron sewer main that crosses the storm drainage channel on Onyx Dr. N. (Kris Street thru Charles Street						
Project Justification						
The sanitary sewer line on Crabtree Ln has root intrusion from surrounding vegetation that has caused deterioration to the existing pipe. The line is located in the rear easement of the surrounding homes. Numerous failures have occurred on the line and deterioration of the line is beyond typical repairs for city crews.						
The sanitary sewer line on Onyx Dr N spans aerially across a storm drainage channel. The ductile iron pipe is deteriorating faster than normal due to the environment of the aerial pipe. A failure to this pipe could cause major violations from TCEQ (Texas Commission On Environmental Quality) due to having sanitary sewer discharging into the storm drain.						
Note: Funding is Certificates of Obligation.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2015-16	\$125,000	
Engineering/Design	02/2016	04/2016	Total		\$125,000	
Land/ROW Acquisition						
Construction	04/2016	11/2016				
Other						
Total Schedule	02/2016	11/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	125,000	0	0	0	\$125,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$125,000	\$0	\$0	\$0	\$125,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	0	0	0	0	\$0	
Engineering/Design	20,000	0	0	0	\$20,000	
Land/ROW Acquisition						
Construction	105,000	0	0	0	\$105,000	
Other						
Total Costs	\$125,000	\$0	\$0	\$0	\$125,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Small Water Main Replacements (2016)



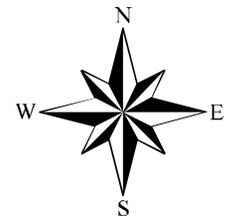
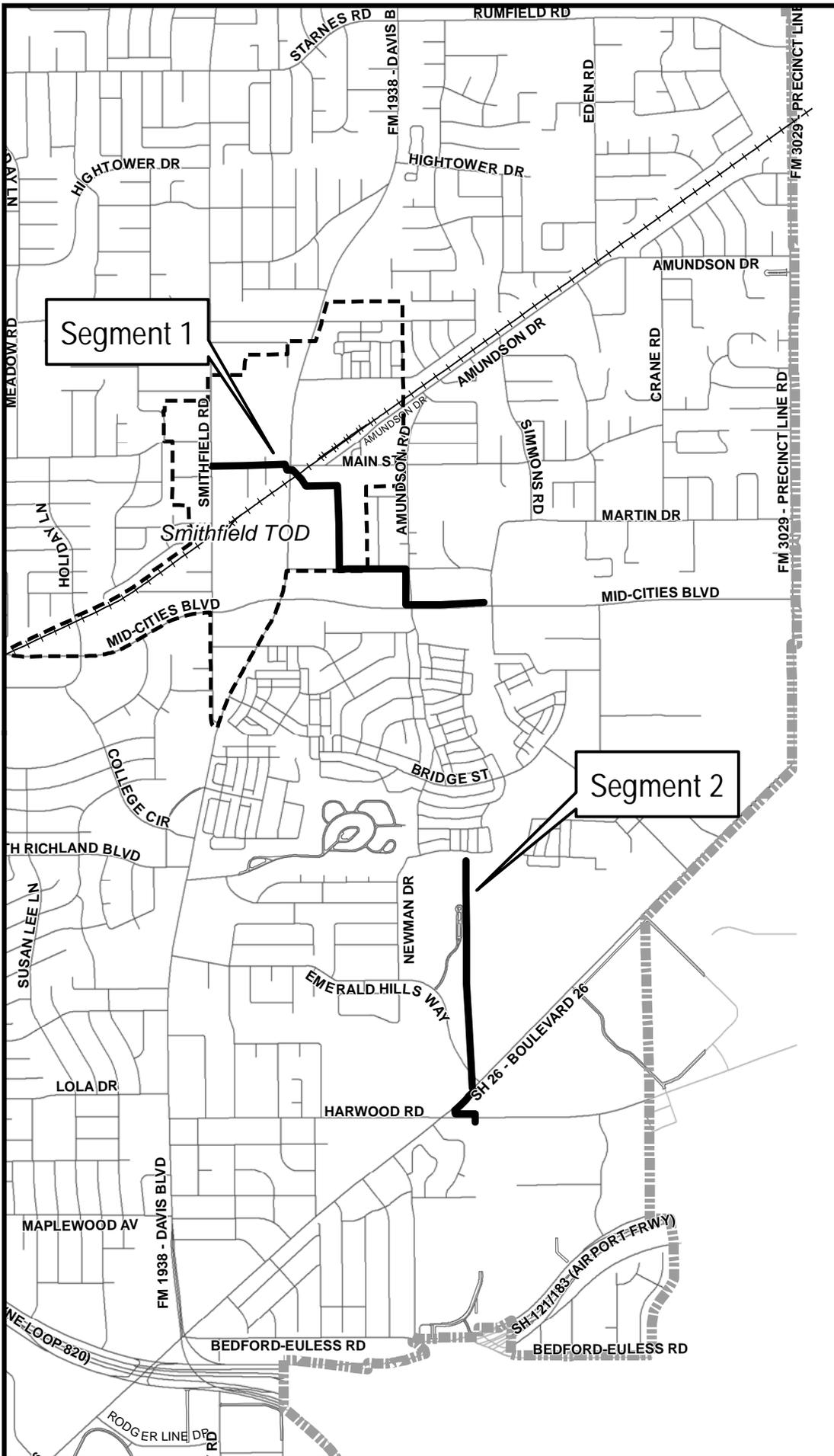
NORTH RICHLAND HILLS

Project Locator Map



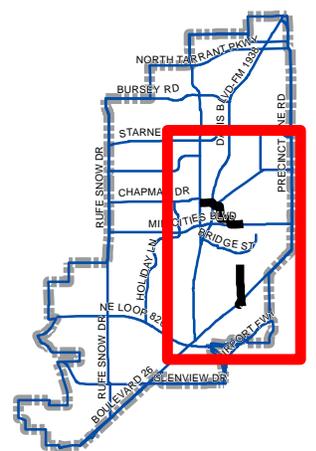
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Small Water Main Replacements (2016)				UT1605	
Project Description						
This is an annual program that is completed by the Public Works Construction Division. The project replaces old 2" and 4" water mains with 6" or larger water pipes and provides adequate fire hydrant coverage to areas currently without proper coverage. This project will provide for small water main replacement on the following streets: Shamrock Court (Ulster to Cul-de-sac), St. Patrick (Newman to Cork), Timberidge (Starnes to Timberlane), Terry Court (Scott to Cul-de-sac) , Still Meadows Cir. N & S.) Susan Court (Scott to Cul-de-sac) .						
Project Justification						
This is an annual program that is completed by the Public Works Construction Division. The project replaces old 2" and 4" water mains with new 6" or larger water pipes and provides adequate fire hydrant coverage to areas currently without proper coverage. In addition, this project helps to replace water lines that have deteriorated to a point where numerous water line breaks occur.						
Funding sources are from Certificates of Obligation.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$420,000	
Engineering/Design			Total		\$420,000	
Land/ROW Acquisition						
Construction	10/2015	12/2016				
Other						
Total Schedule	10/2015	12/2016				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	420,000	0	0	0	\$420,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$420,000	\$0	\$0	\$0	\$420,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	420,000	0	0	0	\$420,000	
Other						
Total Costs	\$420,000	\$0	\$0	\$0	\$420,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Walker Branch Interceptor Project



NORTH RICHLAND HILLS

Project Locator Map

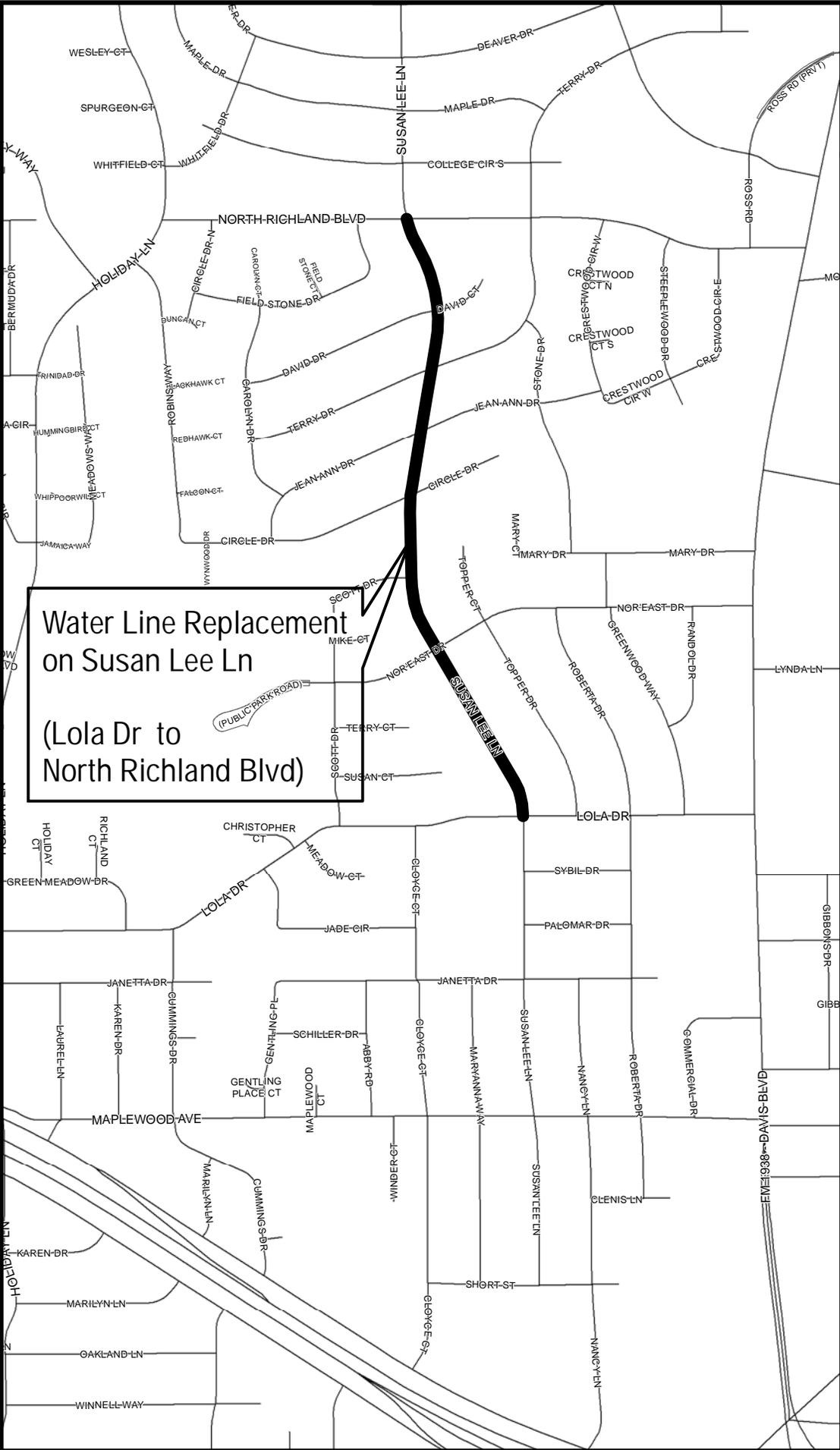


Scale: 1" = 2000'

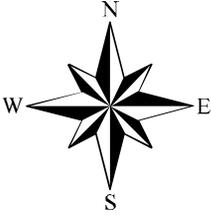
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Walker Branch Interceptor Project				UT1607	
Project Description						
As the Transit Orientated Development (TOD) areas begin to develop it is becoming apparent that the city's existing sanitary sewer system needs to be upgraded. The Walker Branch Interceptor Project will consist of sanitary sewer improvements. Section one of the project will consist of increasing the sizes of the lines from 6-inch, 8-inch, and 10-inch to 8-inch, 12-inch and a 15-inch respectively from Smithfield Road along Main Street to the Walker Creek and Mid-Cities Boulevard confluence. The total length of sewer line for this section is approximately 5,500 feet. Section two consists of replacing an 18 inch and 21 inch line with a 27 inch sewer line. The approximate length of this section of the project is 4,100 feet.						
Project Justification						
As the 27 mile Tex Rail Project gets closer to completion there has been more and more interest from private developers in the NRH Transit Oriented Development (TOD) Districts. Staff has reviewed several development plans proposed for these districts. One thing that staff is discovering is that some of the sanitary sewer lines are undersized for the higher density developments being proposed. This is especially true in the Smithfield TOD where prior to the proposed rail station this area was always planned for a lower density. In this situation a portion of the sewer upgrade in the Smithfield area is on the city's long term CIP plan but will now need to be constructed sooner than we had originally planned and one portion is a direct result of the development of the TOD.						
Funding sources are split 50/50 from the impact fees (listed as other) and utility fees (listed as reserves).						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$416,525	
Engineering/Design	07/2016	04/2017	Total		\$416,525	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	07/2016	04/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	216,525	0	0	0	\$216,525	
Sales Tax						
Other	200,000	0	0	0	\$200,000	
Total Funding	\$416,525	\$0	\$0	\$0	\$416,525	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	416,525	0	0	0	\$416,525	
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$416,525	\$0	\$0	\$0	\$416,525	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Water Line Replacement on Susan Lee Ln

(Lola Dr to North Richland Blvd)

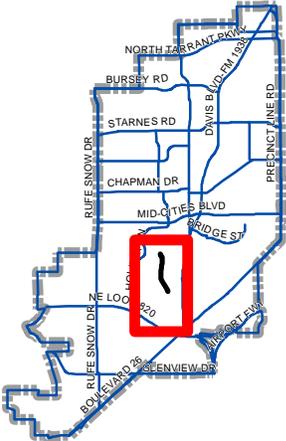


Water Line Replacement on Susan Lee Ln
(Lola Dr to North Richland Blvd)



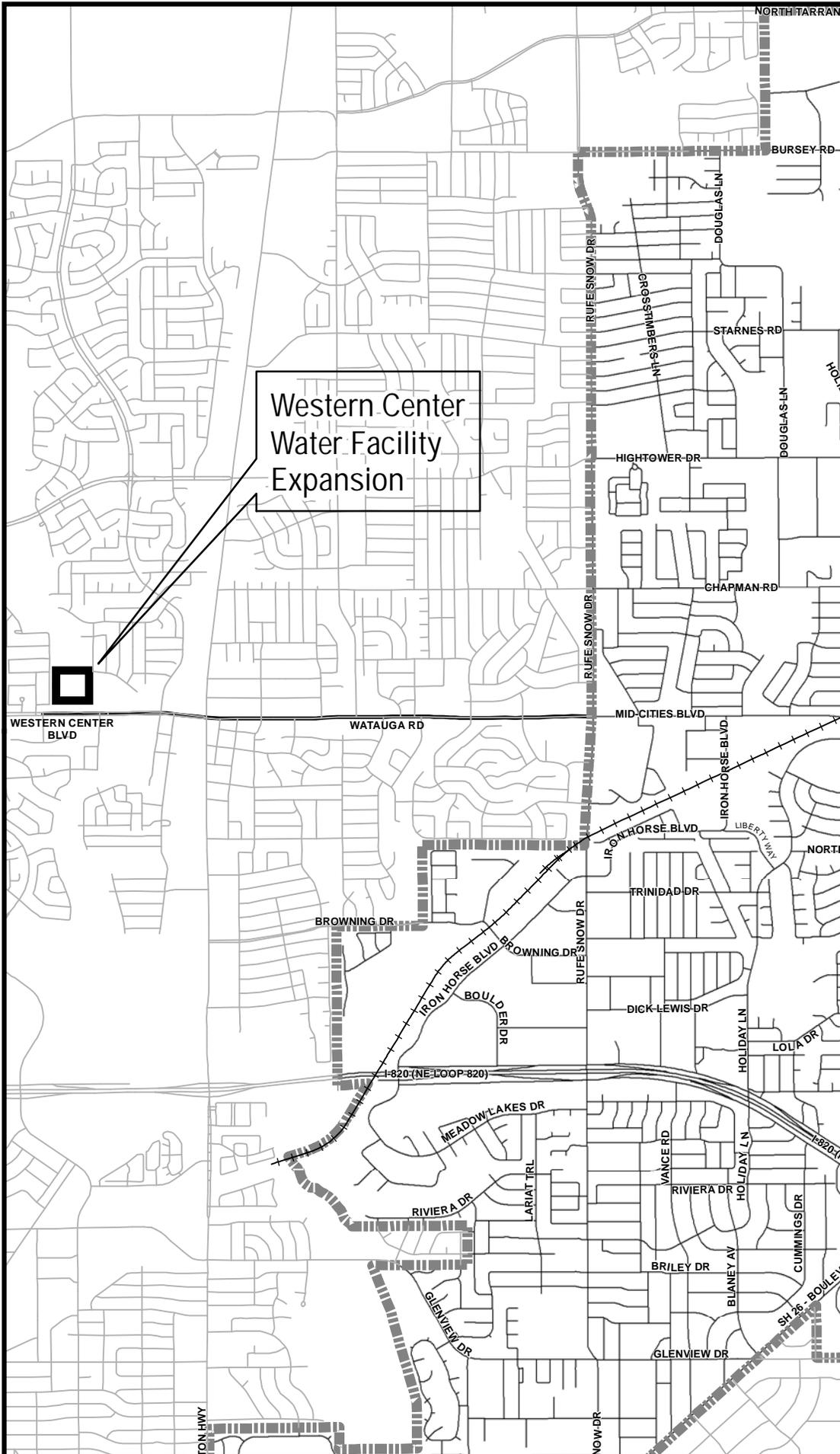
NORTH RICHLAND HILLS

Project Locator Map

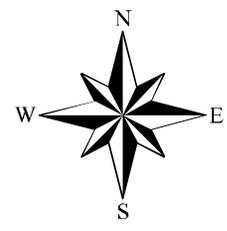


Utility Capital Projects						
Department	Project Title					Project Number
Public Works	Water Line Replacement on Susan Lee (Lola Dr. to N. Richland Blvd.)					UT1505
Project Description						
This project will consist of replacing 1,950 feet of the existing 12 inch cast iron water line and 1,600 feet of the existing 8 inch cast iron water line on Susan Lee Lane with new 12 inch PVC water line. This project will be performed by open cut trench method.						
Project Justification						
<p>These lines have a history of several ruptures due to age and poor condition. When these lines break, it typically causes property damage, a difficult repair process and several hours of service interruptions. These water lines are major supply lines which move water from Conn Pump Station north to College Pump Station. The 1,600 feet of capacity improvement from 8 inch to 12 inch water line will improve circulation and system pressures in this area. The rapid corrosion of these water lines has raised serious concerns for the department.</p> <p>Due to cost, the Public Works Construction Division cannot fund this type of project. The Construction Division is more focused on smaller diameter water main replacements.</p> <p>Project funding is from project savings.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$800,000	
Engineering/Design	05/2015	12/2015	Revision	2015-16	(\$10,000)	
Land/ROW Acquisition			Total		\$790,000	
Construction	02/2016	11/2016				
Other						
Total Schedule	05/2015	11/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	790,000	0	0	0	\$790,000	
Sales Tax						
Other						
Total Funding	\$790,000	\$0	\$0	\$0	\$790,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	95,000	0	0	0	\$95,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	695,000	0	0	0	\$695,000	
Other						
Total Costs	\$790,000	\$0	\$0	\$0	\$790,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Western Center Water Facility Expansion

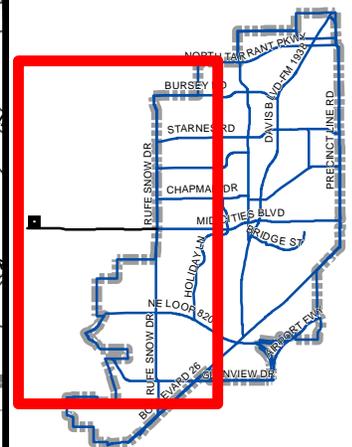


Western Center Water Facility Expansion



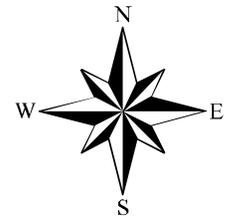
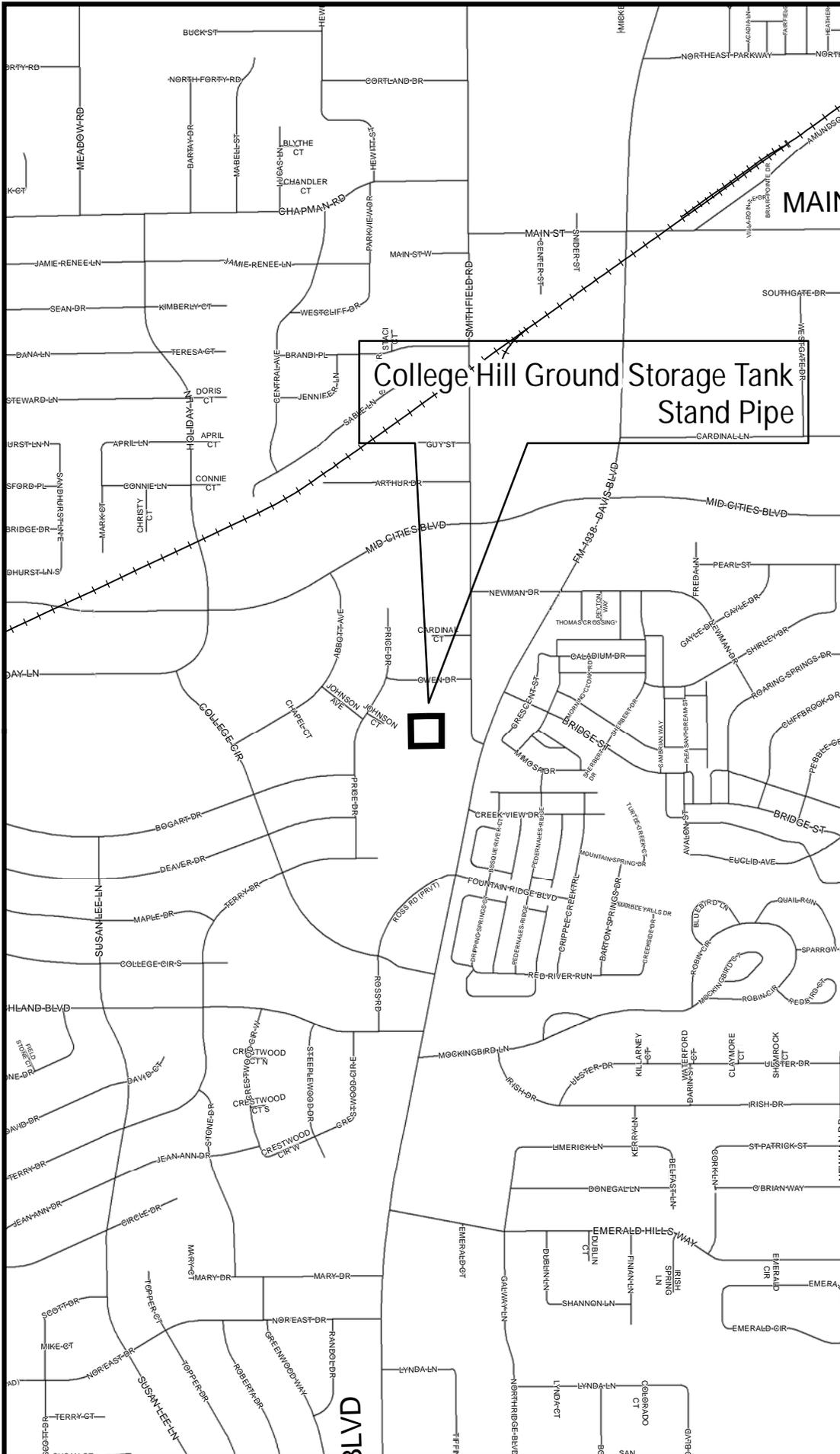
NORTH
RICHLAND
HILLS

Project Locator Map



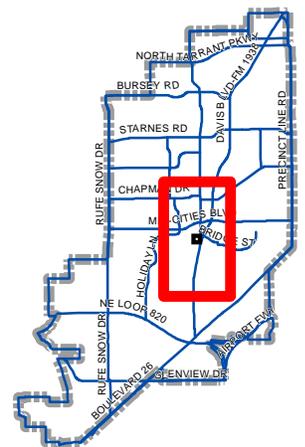
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Western Center Water Facility Expansion				UT0810	
Project Description						
In October 2005, the City had a Water and Wastewater Plan prepared that would cover future system needs to "build out" (estimated at approximately 2017). One of the future needs identified was an additional 5 million gallon ground storage tank to be located at the Western Center Storage and Booster Pump Station site. The current site is not large enough to accommodate a new 5 million gallon ground storage tank. This project will include purchasing an additional 2/3 of an acre adjacent to the current site for the future expansion.						
Project Justification						
Currently, approximately 8 acres of undeveloped land exists adjacent to the Western Center Site. Staff had the property professionally appraised in 2007. This appraisal indicated the value of the land at \$1.60 per square foot. Staff believes that the land values will probably never be lower than what they are now and that 2/3 of an acre appears to be available. The additional ground water storage tank is not anticipated to be needed until 2013. However, since the land appears to be available now, this project would only consist of the land purchase. The appraised value of the property was higher than expected and an additional \$15,000 is needed to meet the appraised value of the 2/3 of an acre.						
Note: The "other" category identified in the Source of Funds represents Utility Fund project savings.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2007-08	\$40,000	
Engineering/Design			Revision	2009-10	\$15,000	
Land/ROW Acquisition	10/2007	04/2017	Total		\$55,000	
Construction						
Other						
Total Schedule	10/2007	04/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	55,000	0	0	0	\$55,000	
Sales Tax						
Other						
Total Funding	\$55,000	\$0	\$0	\$0	\$55,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	5,000	0	0	0	\$5,000	
Engineering/Design						
Land/ROW Acquisition	50,000	0	0	0	\$50,000	
Construction						
Other						
Total Costs	\$55,000	\$0	\$0	\$0	\$55,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

College Hill Ground Storage Tank Stand Pipe



NORTH RICHLAND HILLS

Project Locator Map

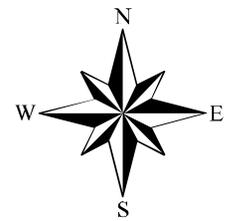
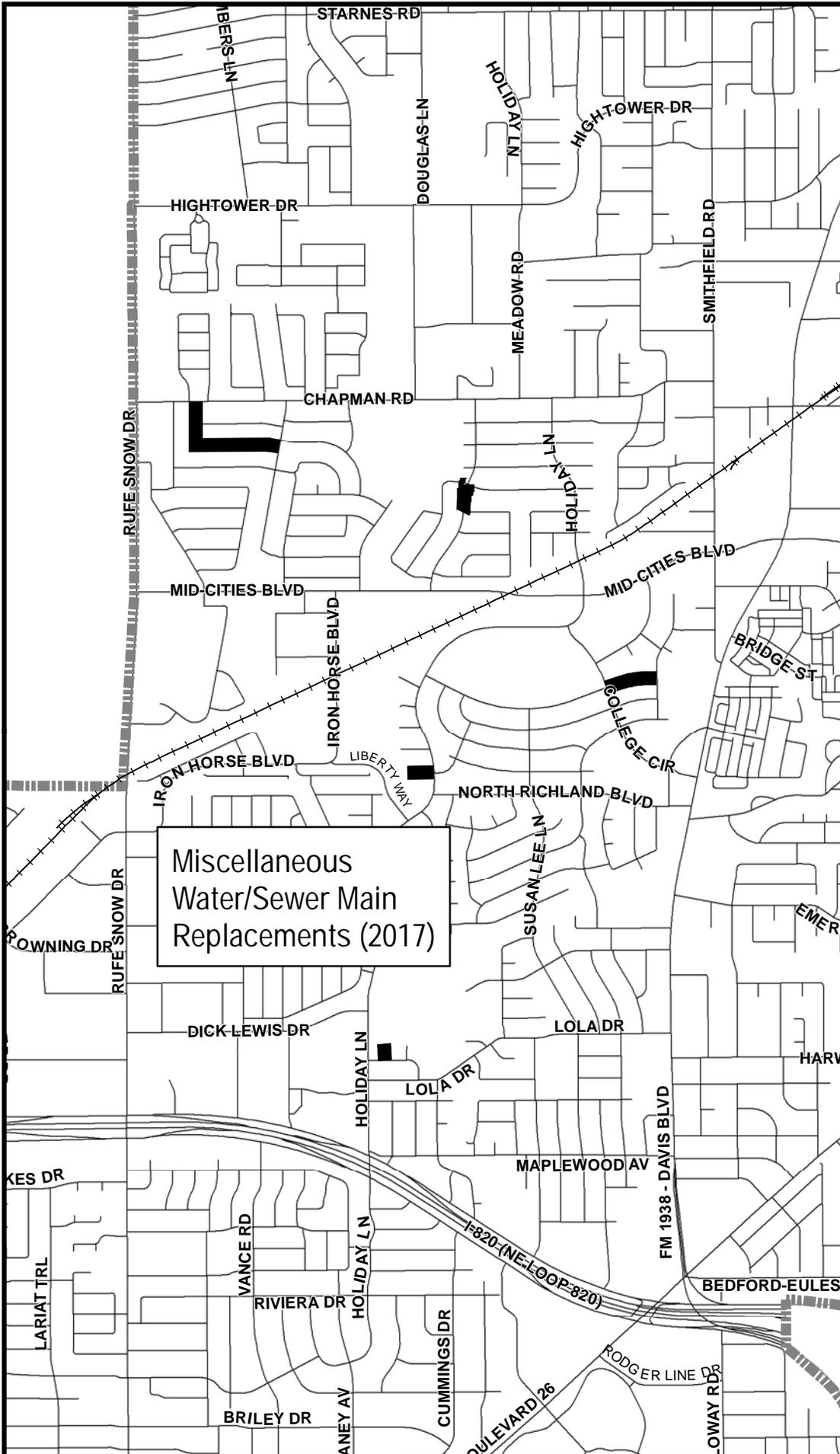


Scale: 1" = 1000'

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	College Hill Ground Storage Tank Stand Pipe				UT1701	
Project Description						
This project will consist of constructing two water pipes so the storage tank will fill from the top. The pipe being added is called a stand pipe. This will allow new water to be added to the tank in order to mix with the older water in the tank.						
Project Justification						
Currently water enters the tank at the bottom of the tank. The fresh water pushes the existing older water up to the top of the tank. As the tank empties, the fresh water at the bottom of the tank gets pumped out in to the system. The installation of the stand pipe will allow the fresh water to mix with the existing water when it enters the tank, keeping the water quality at acceptable levels.						
Funding source: Utility Operations for Capital Projects.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$85,000	
Engineering/Design			Total		\$85,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	85,000	0	0	\$85,000	
Sales Tax						
Other						
Total Funding	\$0	\$85,000	\$0	\$0	\$85,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	85,000	0	0	\$85,000	
Other						
Total Costs	\$0	\$85,000	\$0	\$0	\$85,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

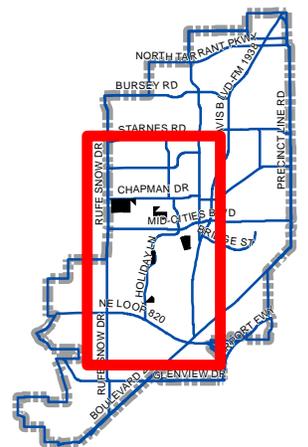
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Harmonson Road Sanitary Sewer Improvements				CDBG17	
Project Description						
This is the 42nd Year Community Development Block Grant (CDBG) Project. The Project will consist of replacing approximately 1,850 linear feet of 18" sanitary sewer pipe within Harmonson Road Right-of-Way between Dawn Drive and Lochridge Court.						
Project Justification						
The existing clay pipe has become problematic requiring regular maintenance. The pipe has partially collapsed in areas and roots have intruded within the pipe through this section. Because the existing clay pipe is partially located under the pavement, replacing this pipe via traditional open-trench construction would also require removal and replacement of large sections of pavement. Open-trench construction would also be extremely disruptive to traffic and to the adjoining properties. Pipe bursting this sanitary sewer main with HDPE pipe is cost effective as pavement will only need to be removed and replaced at those locations where sanitary sewer service laterals and manholes currently exist in the pavement section. Additionally, the disruption to traffic and to the adjoining properties would be minimized.						
Note: The Federal/State Grant Funds shown in the "Sources of Funds" are CDBG entitlement funds, which are administered entirely by Tarrant County. This includes design, ultimate contractor selection, construction management and contract close-out activities. As with all previous CDBG projects, the City will have to provide construction inspection services. No CDBG funds are administered by the City; all funds remain with Tarrant County.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$396,000	
Engineering/Design	10/2016	09/2017	Total		\$396,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	396,000	0	0	\$396,000	
Reserves						
Sales Tax						
Other						
Total Funding	\$0	\$396,000	\$0	\$0	\$396,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	0	79,200	0	0	\$79,200	
Land/ROW Acquisition						
Construction	0	316,800	0	0	\$316,800	
Other						
Total Costs	\$0	\$396,000	\$0	\$0	\$396,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Miscellaneous Water/Sewer Main Replacements (2017)



NORTH RICHLAND HILLS

Project Locator Map

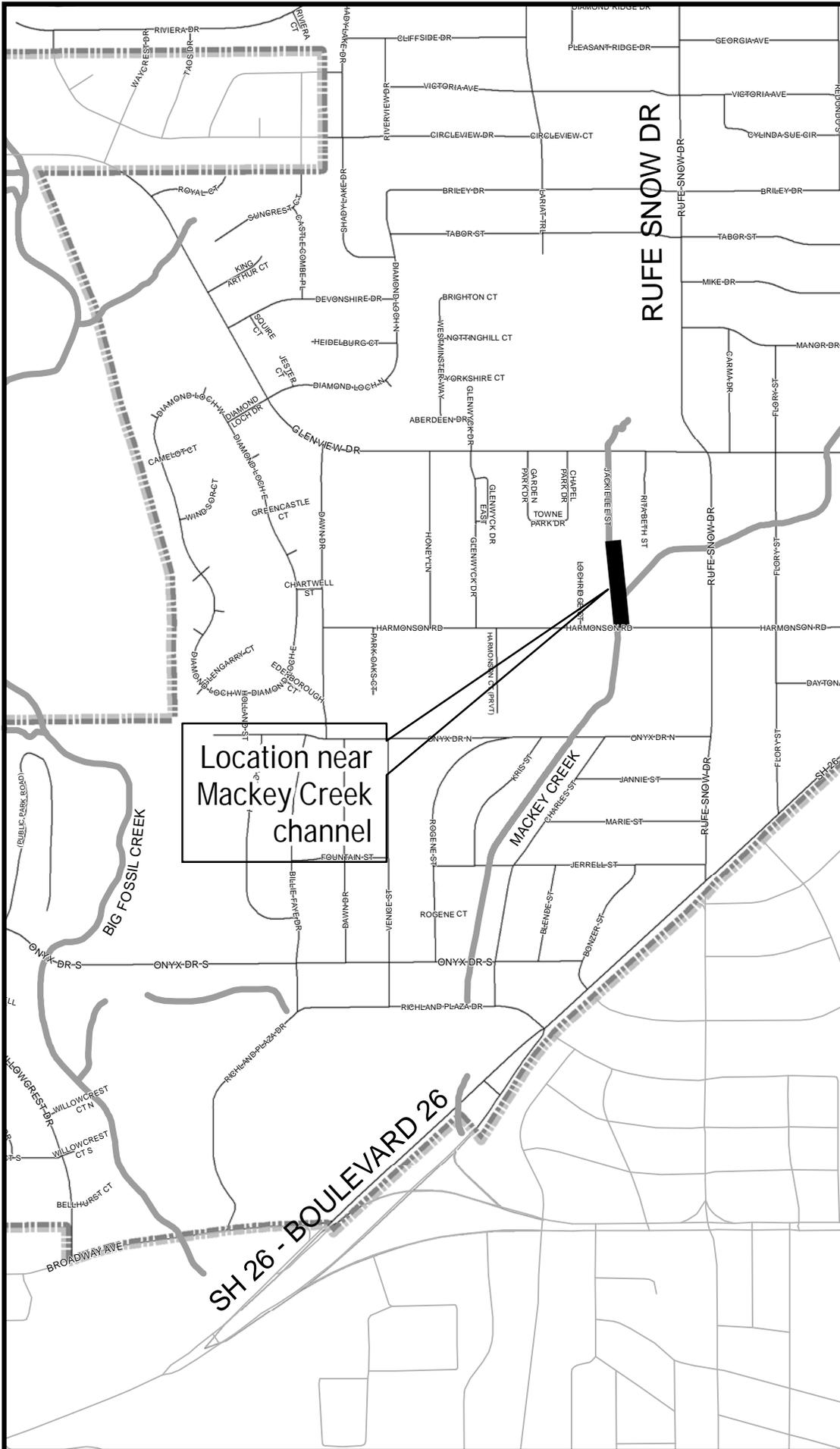


Scale: 1" = 2000'

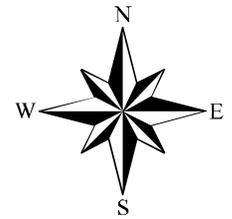
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Miscellaneous Water/Sewer Main Replacements (2017)				UT1702	
Project Description						
This is an annual program that is completed by the Public Works Construction Division. The program will provide for water & sewer main replacements on the following streets: Whitfield Ct (Holiday to Cul-de-sac), Bogart Dr (College to Price), Little Ranch Rd (Steward to Sandhurst Ln South), Southampton Dr (Wakefield to Chapman), and Holiday Ct (Green Meadows to Cul-de-Sac).						
Project Justification						
The specific projects are selected based on factors such as maintenance costs, location, age, and size. This project provides for the retirement of existing water lines which are causing a decrease in system capacity and water quality. This project also replaces old lines that have significant maintenance and operating costs. The construction of these lines are completed by the Public Works Construction Division.						
Funding source: Utility Operations for Capital Projects.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$420,000	
Engineering/Design			Total		\$420,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	420,000	0	0	\$420,000	
Sales Tax						
Other						
Total Funding	\$0	\$420,000	\$0	\$0	\$420,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	420,000	0	0	\$420,000	
Other						
Total Costs	\$0	\$420,000	\$0	\$0	\$420,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer System Rehabilitation (Various Locations)				UT1703	
Project Description						
<p>This project will consist of replacing approximately 1,200 linear feet of sanitary sewer main lines in North Richland Hills. In addition five manholes will be replaced.</p> <p>Streets included in this project will be Nancy Lane (4900 to 5000 block); 8020 Laura Street to 8017 Lazy Street; and 7000 to 7028 Smithfield Road.</p>						
Project Justification						
<p>In 2010, the City conducted a Sanitary Sewer Assessment for the southern portion of the City (Project UT0902). The Study found that approximately 9,000 linear feet of sanitary sewer main lines are in need of replacement. The main lines are made of vitrified clay tile and have deteriorated to a point where pipe failures have occurred causing blockage and overflows. Many of the joint pipe sections are separated, allowing ground water and surface water intrusion resulting in capacity issues and added costs for the treatment of wastewater.</p> <p>This project will replace segments of the main lines by using the latest technology such as pipe bursting to eliminate the problem lines. The construction methods used will create minor inconveniences to residents. The result will be a more efficient, and safer sanitary sewer system in the southern portion of the City. Approximately 1,200 linear feet of sanitary sewer lines will be replaced or repaired with this project.</p> <p>Funding source: Utility Operations for Capital Projects.</p>						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$150,000	
Engineering/Design			Total		\$150,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	150,000	0	0	\$150,000	
Sales Tax						
Other						
Total Funding	\$0	\$150,000	\$0	\$0	\$150,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	150,000	0	0	\$150,000	
Other						
Total Costs	\$0	\$150,000	\$0	\$0	\$150,000	
Operating Impact						
No impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

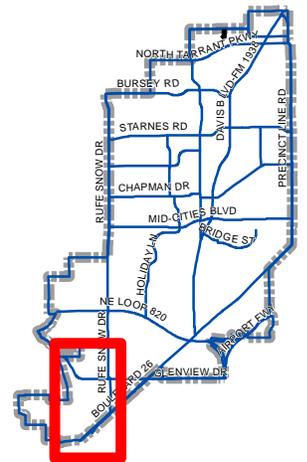


Sanitary Sewer Trunk Line Rehabilitation



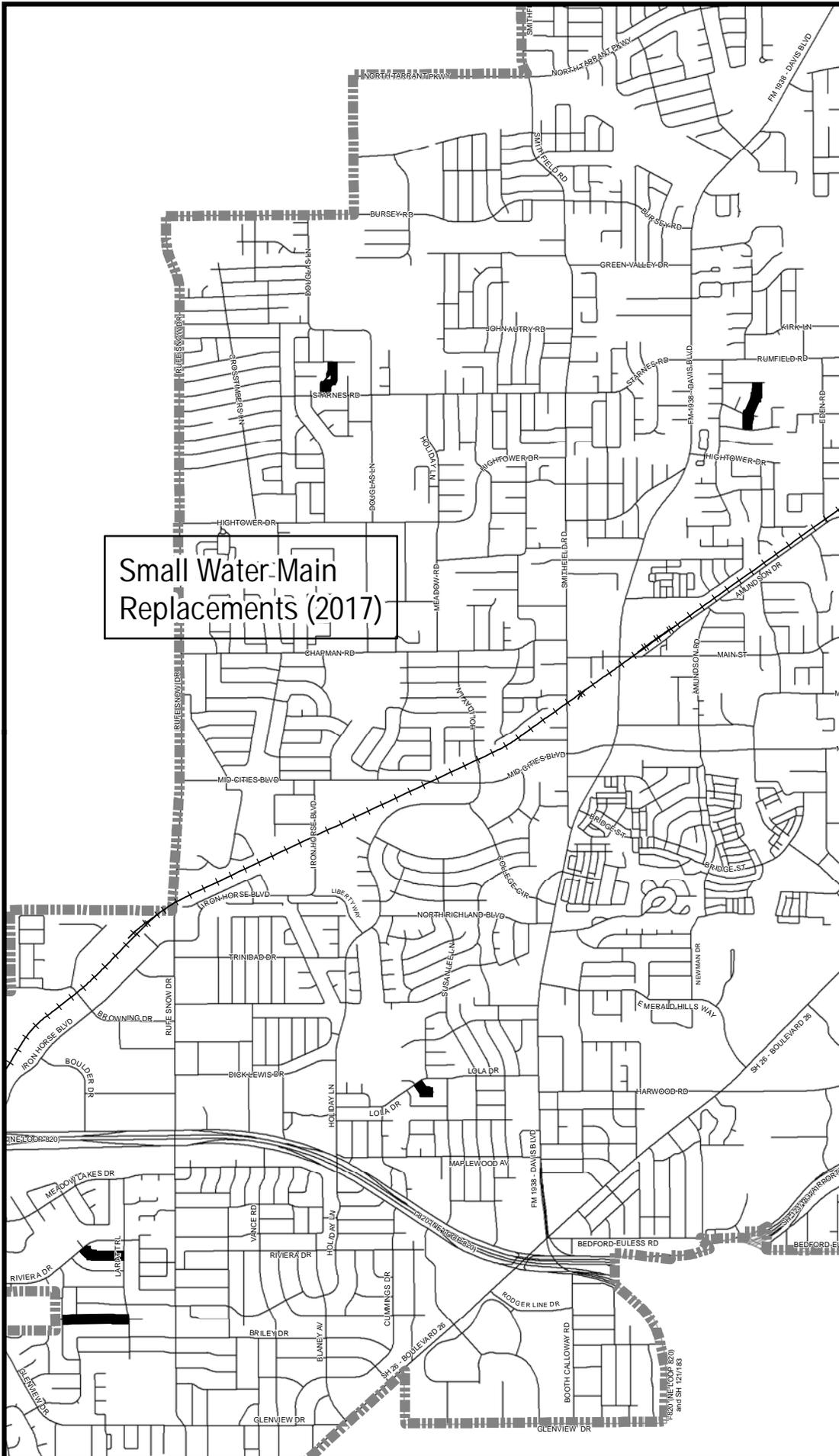
NORTH RICHLAND HILLS

Project Locator Map

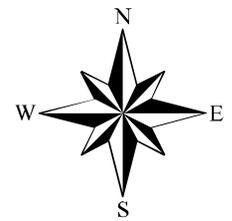


Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer System Trunk Line Rehabilitation				UT1704	
Project Description						
This project will reconstruct approximately 550 feet of 18 inch sanitary sewer line. The line is located near the drainage ditch and channel for Mackey Creek. The project will start at the existing line located near Jackie Lee and end near Harmonson Road.						
Project Justification						
This sewer line was constructed in the 1970's and has shown signs of failing. Last year a portion of the line collapsed and caused sanitary sewer to overflow into the channel until it could be repaired.						
Funding source: Utility Operations for Capital Projects.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$125,000	
Engineering/Design			Total		\$125,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	125,000	0	0	\$125,000	
Sales Tax						
Other						
Total Funding	\$0	\$125,000	\$0	\$0	\$125,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	125,000	0	0	\$125,000	
Other						
Total Costs	\$0	\$125,000	\$0	\$0	\$125,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Small Water Main Replacements (2017)

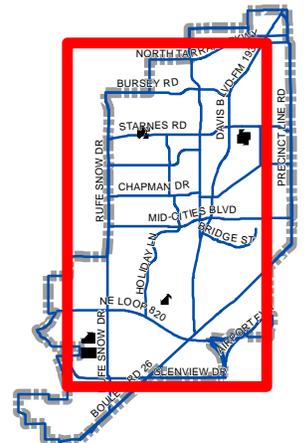


Small Water Main Replacements (2017)



NORTH RICHLAND HILLS

Project Locator Map



Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Small Water Main Replacements (2017)				UT1705	
Project Description						
This is an annual program that is completed by the Public Works Construction Division. The project replaces old 2" and 4" water mains with 6" or larger water pipes and provides adequate fire hydrant coverage to areas currently without proper coverage. This project will provide for small water main replacement on the following streets: Circleview Dr. (Lariat to Shady Lake), Meadow Ct. (Lola to culd-e-sac), Meadowbrook Dr. (Royal Ridge to Brookridge), Woodcreek Ln. (Lariat to Riviera), and Spring Lea Way (Starnes to Lincoln).						
Project Justification						
This is an annual program that is completed by the Public Works Construction Division. The project replaces old 2" and 4" water mains with new 6" or larger water pipes and provides adequate fire hydrant coverage to areas currently without proper coverage. In addition, this project helps to replace water lines that have deteriorated to a point where numerous water line breaks occur.						
Funding source: Utility Operations for Capital Projects						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$420,000	
Engineering/Design			Total		\$420,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	420,000	0	0	\$420,000	
Sales Tax						
Other						
Total Funding	\$0	\$420,000	\$0	\$0	\$420,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	420,000	0	0	\$420,000	
Other						
Total Costs	\$0	\$420,000	\$0	\$0	\$420,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Telemetric Water Meter Annual Maintenance (2017)				UT1706	
Project Description						
The Telemetric Water Meter Annual Maintenance Program allows the City to continue replacing some of the transponder units and meters installed 10 years ago. The new transponder units transmit meter information to a mobile receiver or fixed network reducing and eventually eliminating the need for manual reading. Each meter with transponder cost \$250 to replace and the City replaces about 1,500 per year.						
Project Justification						
This program allows the City to replace transponder and meter units that were installed at the program's inception in 1992-1993. The program includes replacement of the Orion Classic Endpoint (CE) water meters with lead-free Smart Endpoint (SE) water meters for use in fixed network or mobile reading deployments. This program will prevent the unnecessary loss of revenue due to inaccurate and inadequate metering equipment and helps the department to maintain accountability for the water distribution system. This program will continue to focus on the replacement of meters that are 10 years old or older to remove the meters that are wearing out and beginning to read too low due to age.						
Note: Reserves are from Bond Program Project Savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$400,000	
Engineering/Design			Total		\$400,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	400,000	0	0	\$400,000	
Sales Tax						
Other						
Total Funding	\$0	\$400,000	\$0	\$0	\$400,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	400,000	0	0	\$400,000	
Other						
Total Costs	\$0	\$400,000	\$0	\$0	\$400,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

**PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2016/17 THROUGH 2025/26**

	ADOPTED FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
<u>Estimated Beginning Balance</u>										
Park & Recreation Facility Development Fund	722,427	1,229,515	1,528,159	1,412,978	1,913,152	2,399,655	2,904,593	3,295,481	3,759,709	4,164,538
Park & Recreation Impact Fees	1,678,726	1,548,726	1,242,226	853,551	878,551	903,551	928,551	953,551	978,551	1,003,551
Recreation Center	1,400,251	1,564,838	1,707,577	1,827,507	1,922,481	1,991,402	2,033,131	2,063,725	2,082,906	2,094,820
Estimated Beginning Balance Total	3,801,404	4,343,079	4,477,962	4,094,036	4,714,184	5,294,608	5,866,275	6,312,757	6,821,166	7,262,909
<u>REVENUE</u>										
Sales Tax	4,904,216	5,002,300	5,102,346	5,204,393	5,308,481	5,414,651	5,522,944	5,633,403	5,746,071	5,860,992
Park Impact Fees	70,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
NRH Centre Revenue	3,138,852	3,206,232	3,275,328	3,345,034	3,416,482	3,489,717	3,564,782	3,641,724	3,725,020	3,810,521
Other Revenue	532,323	547,484	562,995	579,001	595,521	612,572	630,175	648,349	667,115	686,495
Sub-Total	8,645,391	8,781,016	8,965,669	9,153,428	9,345,484	9,541,940	9,742,901	9,948,475	10,163,206	10,383,008
<u>GRANTS / DEBT ISSUANCE</u>										
Bond Proceeds	3,900,000	-	-	-	-	-	-	-	-	-
Grant / Donation Proceeds	50,000	37,500	-	-	-	-	-	-	-	-
Sub-Total	3,950,000	37,500	-							
<u>AVAILABLE RESOURCES</u>	12,595,391	8,818,516	8,965,669	9,153,428	9,345,484	9,541,940	9,742,901	9,948,475	10,163,206	10,383,008
<u>OPERATING EXPENDITURES</u>										
Operating Expenditures (Admin, Operations, Tennis Center)	3,467,983	3,572,022	3,679,183	3,789,559	3,903,245	4,020,343	4,140,953	4,265,182	4,393,137	4,524,931
NRH Center	2,974,265	3,063,493	3,155,398	3,250,060	3,347,561	3,447,988	3,534,188	3,622,543	3,713,106	3,805,934
Debt Service	320,393	305,080	221,980	211,205	170,880	166,080	161,280	156,480	151,680	151,680
Other Expenditures	532,470	559,094	587,048	616,401	647,221	679,582	713,561	749,239	786,701	826,036
Reserve for Economic Development	122,605	124,444	126,311	128,205	130,128	132,080	134,062	136,073	138,114	140,185
Future Debt - Park Fund Supported	-	-	-	317,850	311,025	304,200	297,375	290,550	283,725	276,900
Future Debt - Impact Fee Supported	-	331,500	324,675	-	-	-	-	-	-	-
Proposed Program Modifications	-	-	-	-	-	-	-	-	-	-
EXPENDITURES	7,417,716	7,955,633	8,094,595	8,313,279	8,510,061	8,750,273	8,981,418	9,220,066	9,466,463	9,725,666
<u>CAPITAL PROJECTS & MAINTENANCE</u>										
<u>Capital Projects - Sales Tax / Bond Funded</u>										
Adventure World Playground Shade	-	-	-	-	-	-	-	-	-	-
Annual Tree Planting	-	-	35,000	-	35,000	-	35,000	-	35,000	-
Calloway Branch Trail Development	-	-	-	-	-	-	-	-	-	-
Citywide Trail and Route System Plan	-	200,000	-	-	-	-	-	-	-	-
Green Valley Historical Area	-	37,500	-	-	-	-	-	-	-	-
Linda Spurlock Park Renovation	-	-	911,000	-	-	-	-	-	-	-
Northfield Park Redevelopment	3,903,000	-	-	-	-	-	-	-	-	-
Park Infrastructure Maintenance	257,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
Park System Playground Replacement	-	-	-	-	-	-	-	-	-	-
Park System Signage	173,000	173,000	-	-	-	-	-	-	-	-
Richland Tennis Center Maintenance	18,000	80,000	20,000	20,000	20,000	20,000	80,000	20,000	20,000	20,000

**PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2016/17 THROUGH 2025/26**

	ADOPTED FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
Trail Identification and 911 Emergency Signage	35,000	-	-	-	-	-	-	-	-	-
Trailhead Gateways	-	-	-	-	-	-	-	-	-	-
Unforseen Damage	-	-	-	-	-	-	-	-	-	-
Sub-Total	4,386,000	690,500	1,166,000	220,000	255,000	220,000	315,000	220,000	255,000	220,000
Capital Projects - Grant / Donation Funded										
Green Valley Historical Area	-	37,500	-	-	-	-	-	-	-	-
Barfield Family Foundation Grant Program	50,000	-	-	-	-	-	-	-	-	-
Trailhead Gateways	-	-	-	-	-	-	-	-	-	-
Sub-Total	50,000	37,500	-	-	-	-	-	-	-	-
Capital Projects - Impact Fees										
Linda Spurlock Park Renovation	-	-	89,000	-	-	-	-	-	-	-
Green Valley Playground Replacement & Shade	200,000	-	-	-	-	-	-	-	-	-
Major Trail Rest Stations	-	-	-	-	-	-	-	-	-	-
Future Debt - Impact Fee Supported	-	-	-	-	-	-	-	-	-	-
Sub-Total	200,000	-	89,000	-	-	-	-	-	-	-
Capital Projects - NRH Centre										
n/a	-	-	-	-	-	-	-	-	-	-
Sub-Total	-	-	-	-	-	-	-	-	-	-
CAPITAL PROJECTS & MAINTENANCE	4,636,000	728,000	1,255,000	220,000	255,000	220,000	315,000	220,000	255,000	220,000
EXPENSE TOTAL	12,053,716	8,683,633	9,349,595	8,533,279	8,765,061	8,970,273	9,296,418	9,440,066	9,721,463	9,945,666
Operations	507,088	298,644	(115,181)	500,174	486,503	504,938	390,888	464,228	404,829	407,755
Impact Fees	(130,000)	(306,500)	(388,675)	25,000	25,000	25,000	25,000	25,000	25,000	25,000
NRH Centre	164,587	142,739	119,930	94,974	68,921	41,729	30,594	19,181	11,914	4,587
CHANGE IN AVAILABLE BALANCE	541,675	134,883	(383,926)	620,148	580,424	571,667	446,482	508,409	441,743	437,342
Estimated Remaining Balance - Operations & Impact Fees	4,343,079	4,477,962	4,094,036	4,714,184	5,294,608	5,866,275	6,312,757	6,821,166	7,262,909	7,700,251
*Estimated Fund Balance (by Category):										
Operations	1,229,515	1,528,159	1,412,978	1,913,152	2,399,655	2,904,593	3,295,481	3,759,709	4,164,538	4,572,293
Impact Fees	1,548,726	1,242,226	853,551	878,551	903,551	928,551	953,551	978,551	1,003,551	1,028,551
NRH Centre	1,564,838	1,707,577	1,827,507	1,922,481	1,991,402	2,033,131	2,063,725	2,082,906	2,094,820	2,099,407
Total Fund Balance	4,343,079	4,477,962	4,094,036	4,714,184	5,294,608	5,866,275	6,312,757	6,821,166	7,262,909	7,700,251

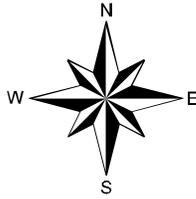
**Schedule 4
Parks & Recreation Capital Projects
Budget Summary**

Pg. No.	Map ID		Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
<u>Project Costs</u>							
Continuing Projects							
135	1	Barfield/Cotton Belt Trail Connector	65,000	0	0	0 \$	65,000
137	2	Calloway Branch Trail Development [CMAQ]	1,484,311	0	0	0 \$	1,484,311
139	3	Little Bear Creek Trail Development(John Barfield Trail Development)[ISTEA]	2,830,420	0	0	0 \$	2,830,420
141	4	Major Trail Neighborhood Connectors	133,000	0	0	0 \$	133,000
143	5	Major Trail Rest Stations	55,000	0	0	0 \$	55,000
145	6	Northfield Park Redevelopment	402,500	3,903,000	0	0 \$	4,305,500
147	7	NRH Centre Infrastructure Improvements (2015)	25,000	0	0	0 \$	25,000
148	-	Park Infrastructure Maintenance 2015	232,597	0	0	0 \$	232,597
149	-	Park Infrastructure Maintenance 2016	175,000	0	0	0 \$	175,000
150	-	Park System Playground Replacement	100,000	0	0	0 \$	100,000
151	-	Park System Signage	100,000	173,000	173,000	0 \$	446,000
153	8	Richland Tennis Center Infrastructure Maintenance (2016)	30,000	0	0	0 \$	30,000
155	9	Trail Head Gateways 2015	130,000	0	0	0 \$	130,000
157	10	Trail Head Gateways 2016	122,260	0	0	0 \$	122,260
159	-	Unforeseen Park Damage	61,535	0	0	0 \$	61,535
Total Continuing Projects			\$ 5,946,623	\$ 4,076,000	\$ 173,000	\$ 0	\$ 10,195,623
New Projects							
161	11	Barfield Family Foundation Grant Program	0	50,000	0	0 \$	50,000
163	12	Green Valley Playground Replacement and Shade Structure Project	0	200,000	0	0 \$	200,000
165	-	Park Infrastructure Maintenance 2017	0	257,000	0	0 \$	257,000
167	13	Richland Tennis Center Infrastructure Maintenance 2017	0	18,000	0	0 \$	18,000
168	-	Trail Identification and 9-1-1 Emergency Response Signage	0	35,000	0	0 \$	35,000
Total New Projects			\$ 0	\$ 560,000	\$ 0	\$ 0	\$ 560,000
Total Project Costs			\$ 5,946,623	\$ 4,636,000	\$ 173,000	\$ 0	\$ 10,755,623
<u>Funding Sources</u>							
Certificates of Obligation							
Certificates of Obligation			0	3,900,000	0	0	3,900,000
Total Certificates of Obligation			\$ 0	\$ 3,900,000	\$ 0	\$ 0	\$ 3,900,000
Federal/State Grants							
ISTEA Grant Funds			2,882,928	0	0	0	2,882,928
Total Federal/State Grants			\$ 2,882,928	\$ 0	\$ 0	\$ 0	\$ 2,882,928
Reserves							
Reserves			96,795	0	0	0	96,795
Total Reserves			\$ 96,795	\$ 0	\$ 0	\$ 0	\$ 96,795
Sales Tax							

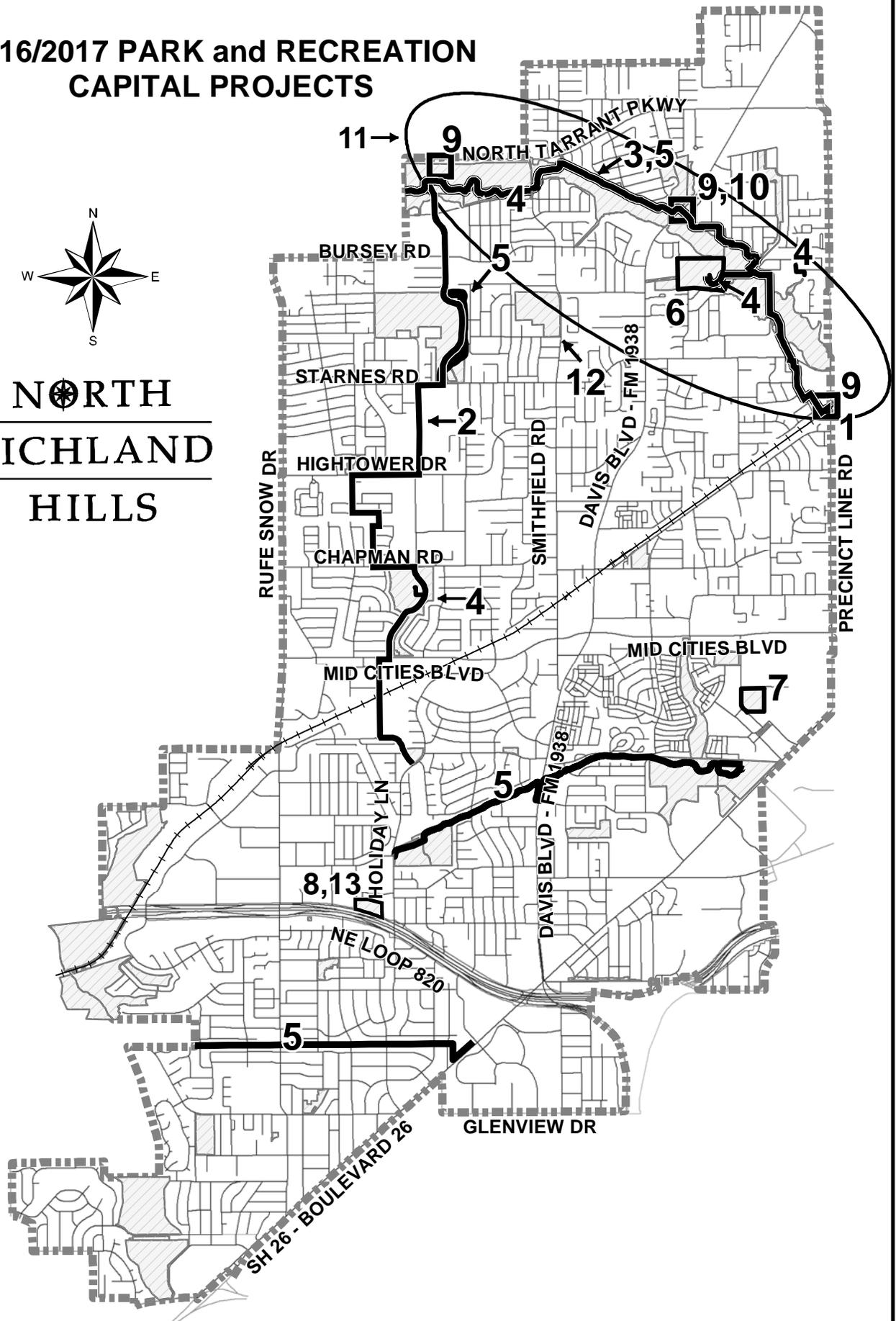
**Schedule 4
Parks & Recreation Capital Projects
Budget Summary**

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Park Sales Tax	2,819,900	486,000	173,000	0	3,478,900
Total Sales Tax	\$ 2,819,900	\$ 486,000	\$ 173,000	\$ 0	\$ 3,478,900
Other					
Donations Fund	92,000	50,000	0	0	142,000
Impact Fees	55,000	200,000	0	0	255,000
Total Other	\$ 147,000	\$ 250,000	\$ 0	\$ 0	\$ 397,000
Total Sources of Funds	\$ 5,946,623	\$ 4,636,000	\$ 173,000	\$ 0	\$ 10,755,623

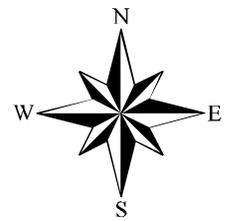
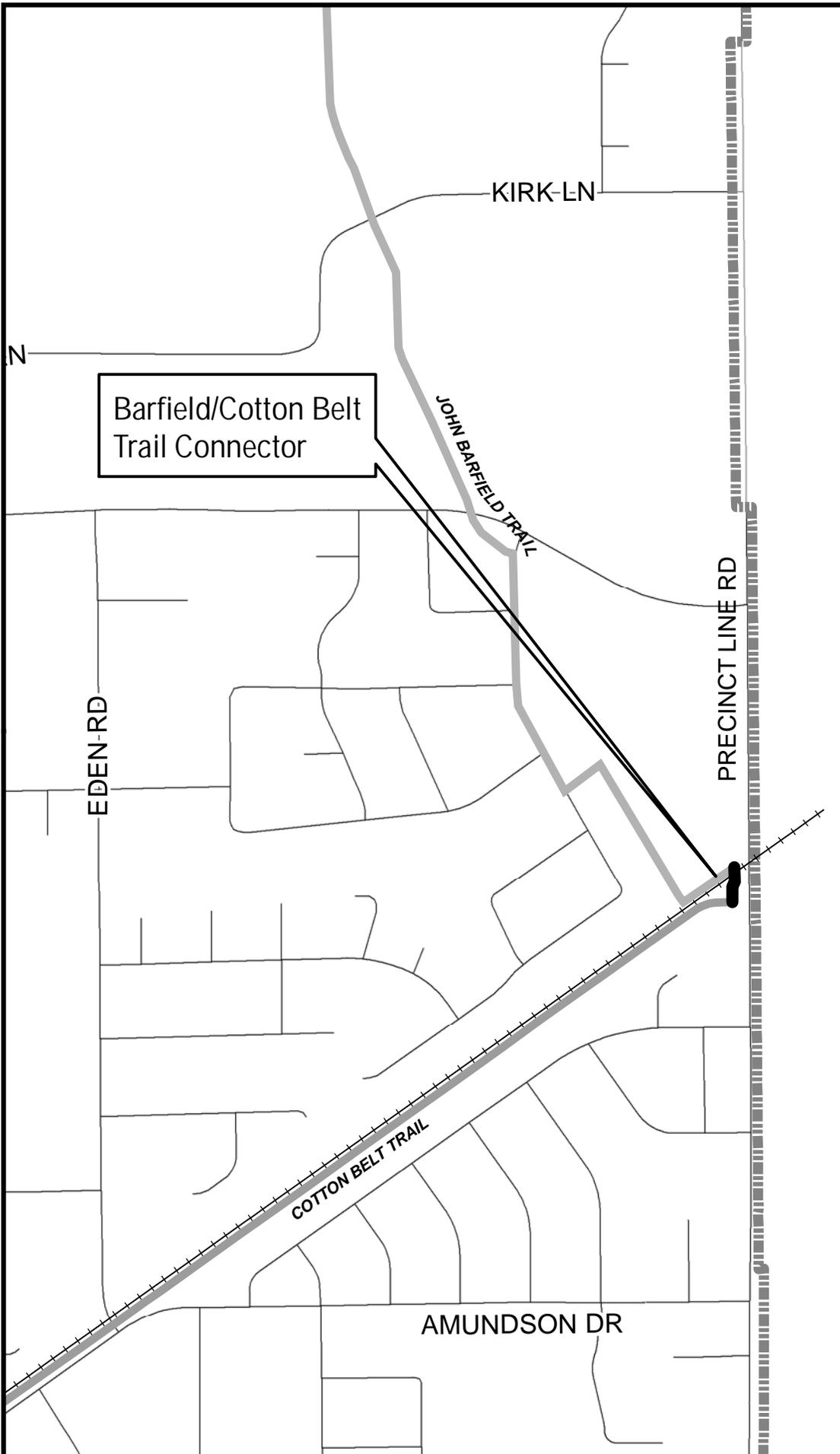
2016/2017 PARK and RECREATION CAPITAL PROJECTS



NORTH RICHLAND HILLS

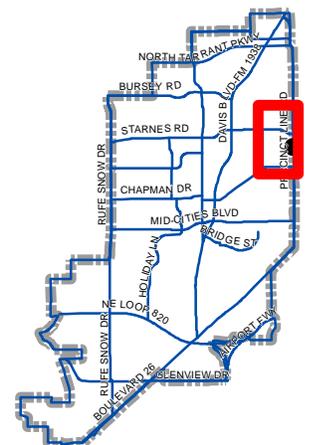


Barfield/ Cotton Belt Trail Connector



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Barfield/Cotton Belt Trail Connector	PK1401

Project Description
 This project provides for the design and construction of a pedestrian connection between the Cotton Belt Trail and the new John Barfield Trail immediately west of Precinct Line Road and south of the Tarrant County Maintenance Facility. The Cotton Belt Trail intersects Precinct Line Road south of the Cotton Belt Railroad and the new John Barfield Trail will dead end at Precinct Line Road north of the Cotton Belt Railroad. The connector that will link the two trails will be designed to be between 5' and 10' wide depending on existing site conditions and their opportunities or constraints. The trail connection is expected to be approximately 185' long and will cross the Cotton Belt Railroad within the TxDOT right of way using concrete crossing panels that would be approved by DART and the Fort Worth and Western Railroad. This crossing is contingent upon final approval by DART, TxDOT, and Fort Worth and Western and must be coordinated with the new Tex-Rail project.

Project Justification
 The number one recommendation for the development of recreational and park facilities in the 2007 Park, Recreation and Open Space Master Plan is for the completion of the Trail System Master Plan. As a general recommendation, the Master Plan calls for the development of all trail connections for trails identified in the Master Plan. The far eastern stretch of the John Barfield Trail ends at Precinct Line Road north of the Cotton Belt Railroad on the opposite side of the railroad from the Cotton Belt Trail. The outside south bound lane of Precinct Line Road has recently opened, and there is no on-street provision for a safe connection between the two trails. The City will work with DART and TxDOT to obtain approval for a pedestrian crossing across the Cotton Belt Railroad in TxDOT right of way to provide for the safe passage of pedestrians from the John Barfield Trail to the Cotton Belt Trail. The connection will provide users of the John Barfield trail access to a designated cross walk across Precinct Line Road from the Cotton Belt Trail at a signalized intersection. This cross walk provides for the safety of pedestrians and bicyclists who wish to continue on the Cotton Belt Trail eastward into Hurst, Colleyville, and Grapevine.

Project funding sources is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2013	01/2014	Adopted Budget	2013-14	\$45,000
Engineering/Design			Revision	2014-15	\$20,000
Land/ROW Acquisition			Total		\$65,000
Construction	03/2014	12/2018			
Other					
Total Schedule	10/2013	12/2018			

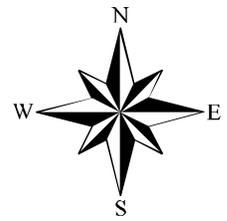
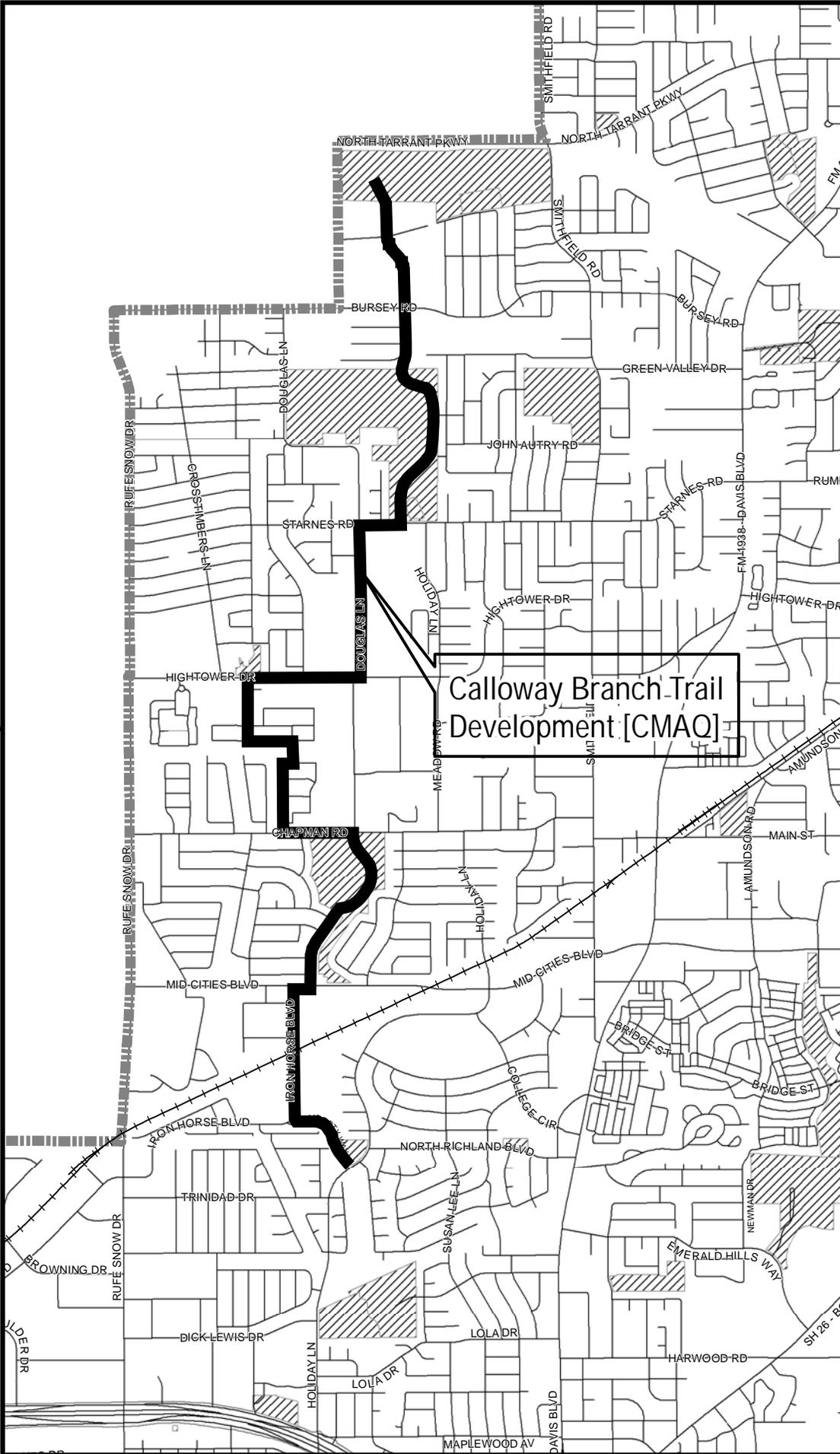
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	65,000	0	0	0	\$65,000
Other					
Total Funding	\$65,000	\$0	\$0	\$0	\$65,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	5,000	0	0	0	\$5,000
Engineering/Design					
Land/ROW Acquisition					
Construction	60,000	0	0	0	\$60,000
Other					
Total Costs	\$65,000	\$0	\$0	\$0	\$65,000

Operating Impact
 No operating impact is anticipated.

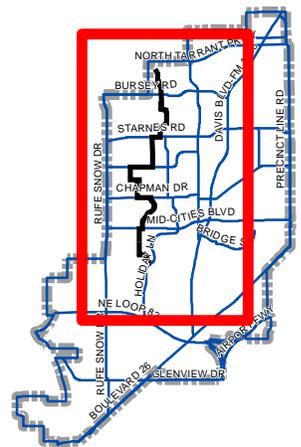
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Calloway Branch Trail Development [CMAQ]



NORTH RICHLAND HILLS

Project Locator Map

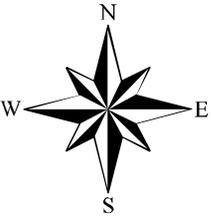
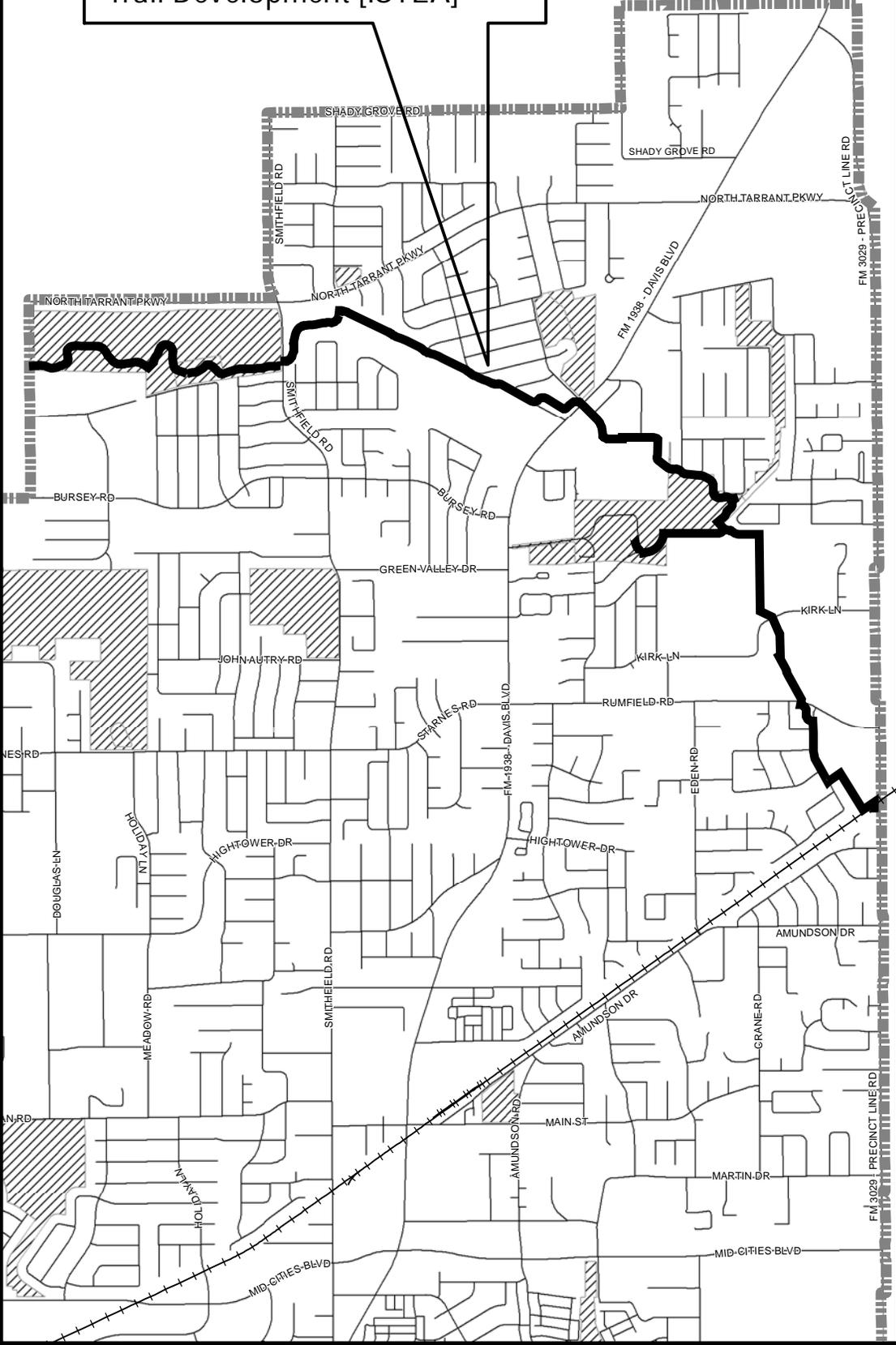


Parks & Recreation Capital Projects

Department	Project Title				Project Number	
Parks and Recreation	Calloway Branch Trail Development [CMAQ]				PK9601	
Project Description						
<p>This project provides for the design and construction of a 5 mile on-road/off-road multi-purpose concrete trail along the Calloway Branch Drainage Corridor from Liberty Park to the John Barfield Trail. This trail has terminus points at Holiday Lane and at the John Barfield Trail within the Little Bear Creek Community Park site. Connections are provided to Liberty Park, Richfield Park, the Cotton Belt Trail, and Cross Timbers Park. The project, and associated timeline, is being implemented concurrently with the John Barfield Trail.</p>						
Project Justification						
<p>This is an approved Congestion Mitigation and Air Quality (CMAQ) grant project, which was identified as a primary trail connection in the City Council approved 1993 City-Wide Trail System Master Plan. The Calloway Branch Trail is one of the primary north-south trail "spines" which not only provides linkages to parks, trails and schools, but also serves as a major portion of the trail loop within the City created by linking with the John Barfield Trail, Cotton Belt Trail, and the Walker's Creek Trail. This project provides trail access to Richfield Park and surrounding subdivisions, North Ridge Middle and Elementary Schools, Cross Timbers Park and surrounding subdivisions, and to the future Little Bear Creek Community Park.</p> <p>While the project is Federally funded, the City initially incurs the project expenses and formally requests reimbursement from TxDOT for their portion of the project cost.</p> <p>Note: The original project budget was established in 1996 when the City entered into the agreement with TxDOT. Construction costs which have been increasing steadily since 1996, the need for additional bridges in lieu of low water crossings and increased TxDOT administration charges have increased the opinion of probable cost. Therefore the original adopted budget of \$928,000 was increased by \$581,811 to cover these costs during the adoption of the FY 2012 - 2013 Capital Budget.</p>						
Project Schedule						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	1996-97	\$928,000	
Engineering/Design	04/1996	09/2012	Adopted Budget	2012-13	\$581,811	
Land/ROW Acquisition			Revision	2014-15	(\$20,000)	
Construction	04/2013	02/2017	Revision	2015-16	(\$5,500)	
Other			Total		\$1,484,311	
Total Schedule	04/1996	02/2017				
Sources of Funds						
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	733,120	0	0	0	\$733,120	
Reserves						
Sales Tax	751,191	0	0	0	\$751,191	
Other						
Total Funding	\$1,484,311	\$0	\$0	\$0	\$1,484,311	
Project Costs						
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	275,973	0	0	0	\$275,973	
Land/ROW Acquisition						
Construction	1,208,338	0	0	0	\$1,208,338	
Other						
Total Costs	\$1,484,311	\$0	\$0	\$0	\$1,484,311	
Operating Impact						
<p>Budget impact is calculated from man-hour expenditure, material and supply costs and electrical use based on average annual costs per acre for a trail.</p>						
Fiscal Year						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$5,271	\$5,482	\$0	\$0	\$0	\$10,753
Total Operating Impact	\$5,271	\$5,482	\$0	\$0	\$0	\$10,753

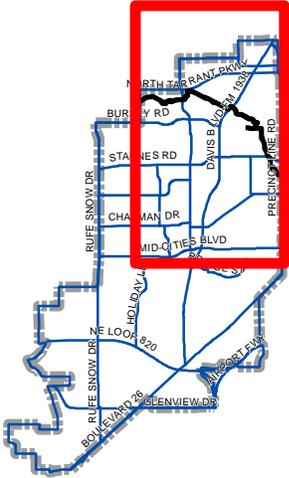
Little Bear Creek (John Barfield)
Trail Development [ISTEA]

Little Bear Creek
Trail
Development
(John Barfield
Trail
Development)
[ISTEA]



NORTH
RICHLAND
HILLS

Project Locator Map



Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Little Bear Creek Trail Development(John Barfield Trail Development)[ISTEA]	PK9602

Project Description

Project previously named as Little Bear Creek Trail [ISTEA]. This project provides for land acquisition, design, and construction of 3.5 miles of multi-use trail along Little Bear Creek. The project has terminus points at Precinct Line and the Cotton Belt Trail intersection and at the northern end of Calloway Branch Trail. The project will provide trail access to Northfield Park, J.B. Sandlin Park, Tommy & Sue Brown Park and Dr. Pillow Park. All of the individual easements and right-of-way parcels for the trail have been assembled as subdivision development along the corridor has occurred since the project was originally initiated.

Project Justification

This project is an approved Intermodal Surface Transportation Enhancement (ISTEA) project, which was identified as a primary trail connection in the City Council approved 1993 City-Wide Trail System Master Plan. The John Barfield Trail is one of the primary sections of the trail system, which not only provides linkages to parks, trails and schools, but also serves as a major portion of the trail loop within the City created by linking with the Cotton Belt Trail and Calloway Branch Trail, with connection to trail systems in the City of Keller and the City of Hurst. The John Barfield Trail will provide access to the City-wide network of trails and will provide direct access to Northfield Park, the subdivisions of Thornbridge, Tommy & Sue Brown Park, the subdivision of Forest Glenn, and future Green Valley area residential developments.

While the project is federally funded, the City initially incurs the project expenses and formally requests reimbursement from TxDOT for their portion of the project cost.

Note: NCTCOG re-scored the project and approved additional federal funding of \$253,808 in November 2012 for a maximum federal share of \$2,149,808.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	1995-96	\$2,400,000
Engineering/Design	04/1996	09/2012	Adopted Budget	2012-13	\$176,612
Land/ROW Acquisition			Adopted Budget	2013-14	\$253,808
Construction	04/2013	12/2016	Total		<u><u>\$2,830,420</u></u>
Other					
Total Schedule	<u><u>04/1996</u></u>	<u><u>12/2016</u></u>			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	2,149,808	0	0	0	\$2,149,808
Reserves					
Sales Tax	680,612	0	0	0	\$680,612
Other					
Total Funding	<u><u>\$2,830,420</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$2,830,420</u></u>

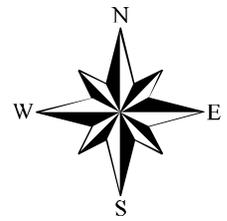
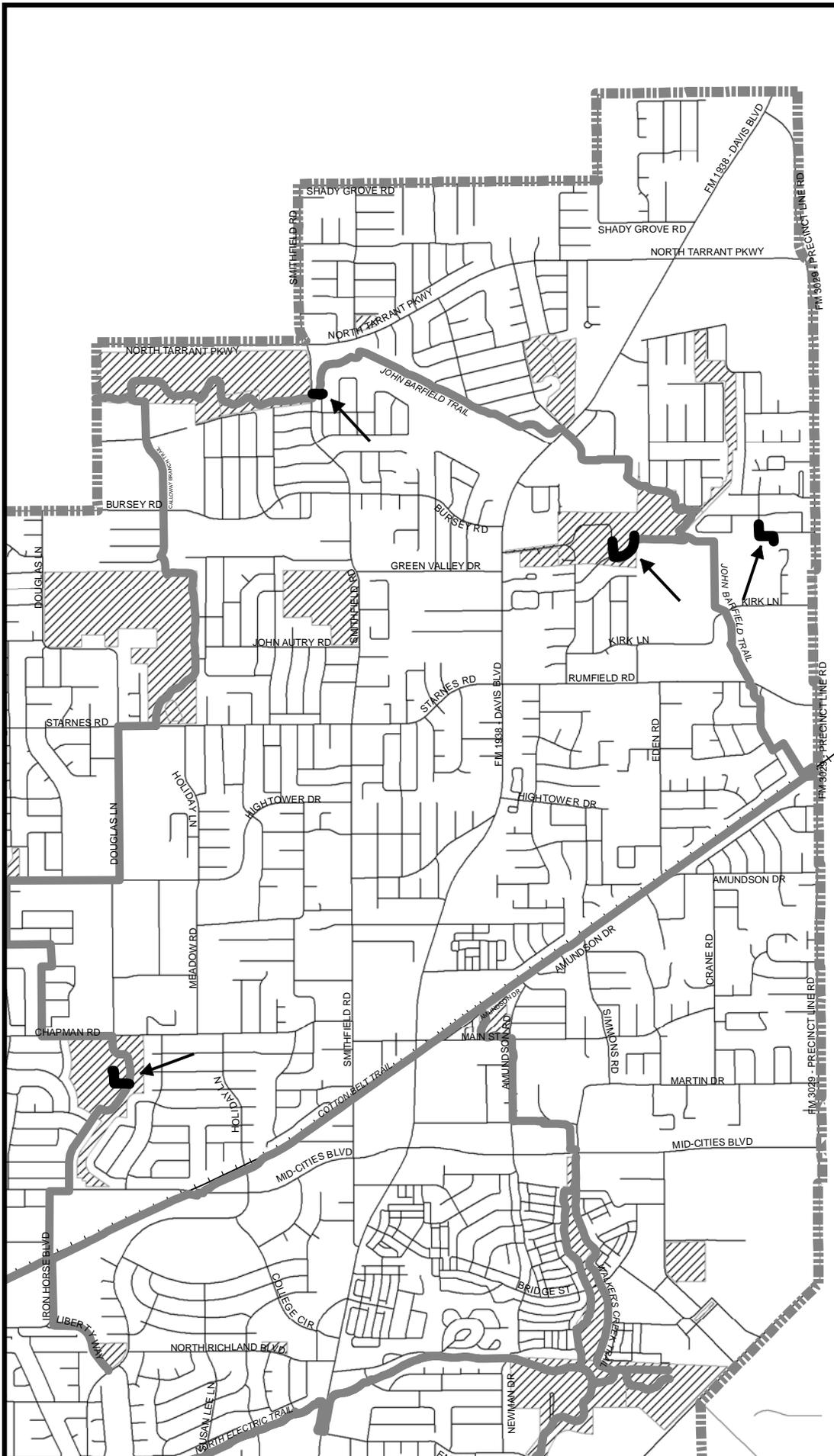
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	495,130	0	0	0	\$495,130
Land/ROW Acquisition	22,000	0	0	0	\$22,000
Construction	2,313,290	0	0	0	\$2,313,290
Other					
Total Costs	<u><u>\$2,830,420</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$2,830,420</u></u>

Operating Impact

Budget impact is calculated from man-hour expenditure, material and supply costs and electrical use based on average annual costs per acre for a trail.

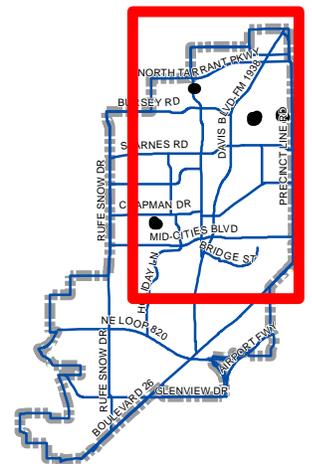
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$7,959	\$8,118	\$0	\$0	\$0	\$16,077
Total Operating Impact	<u><u>\$7,959</u></u>	<u><u>\$8,118</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$16,077</u></u>

Major Trail Neighborhood Connectors



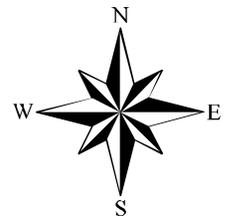
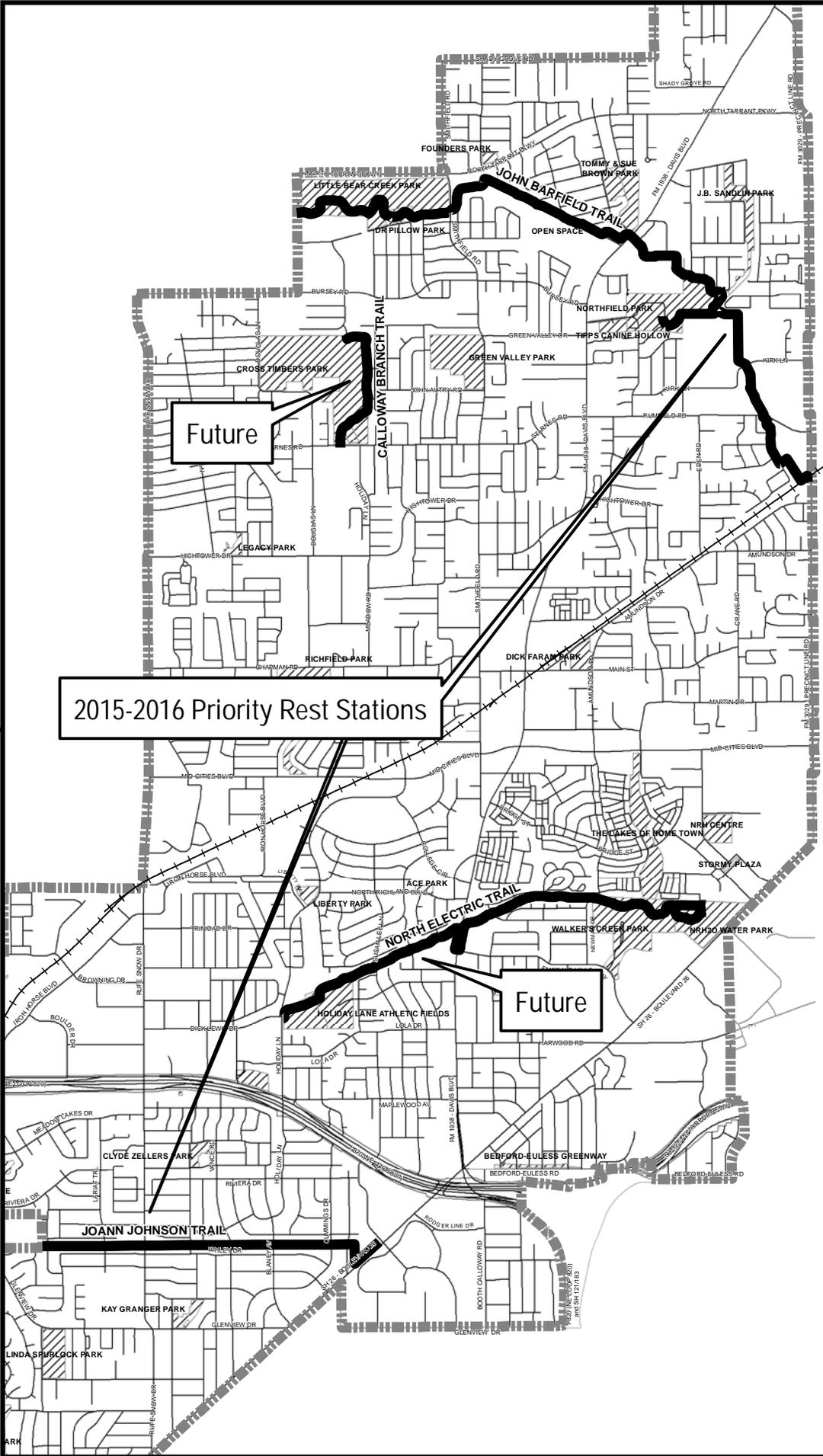
NORTH RICHLAND HILLS

Project Locator Map



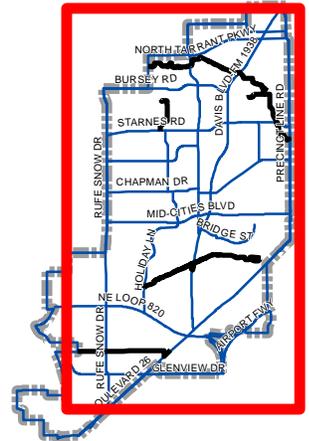
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Major Trail Neighborhood Connectors				PK1503	
Project Description						
This project will provide for the construction of trail sections designed to link existing neighborhoods and parks to the recently opened John Barfield Trail and the Calloway Branch Trail. The project includes connecting John Barfield Trail to Northfield Park, Thornbridge East and Grace Meadows neighborhoods, the Forest Glenn West neighborhood near Smithfield Road and North Tarrant Parkway. The project also includes trails connecting park amenities within Richfield Park to the Calloway Branch Trail.						
Project Justification						
The number one need expressed by our residents as identified in the 2007 Parks, Recreation and Open Space Master Plan is the completion of the City-Wide Trail System Master Plan. The Plan includes specific recommendations for connecting major trails to immediate surrounding parks and neighborhoods.						
Project funding is from Park Sales Tax.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2014-15	<u>\$133,000</u>		
Engineering/Design	10/2014	02/2015	Total	<u>\$133,000</u>		
Land/ROW Acquisition						
Construction	04/2015	12/2016				
Other						
Total Schedule	<u>10/2014</u>	<u>12/2016</u>				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	133,000	0	0	0	\$133,000	
Other						
Total Funding	<u>\$133,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$133,000</u>	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services	13,000	0	0	0	\$13,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	120,000	0	0	0	\$120,000	
Other						
Total Costs	<u>\$133,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$133,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Major Trail Rest Stations



NORTH RICHLAND HILLS

Project Locator Map

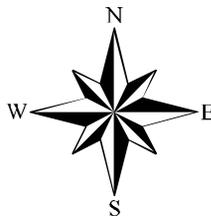
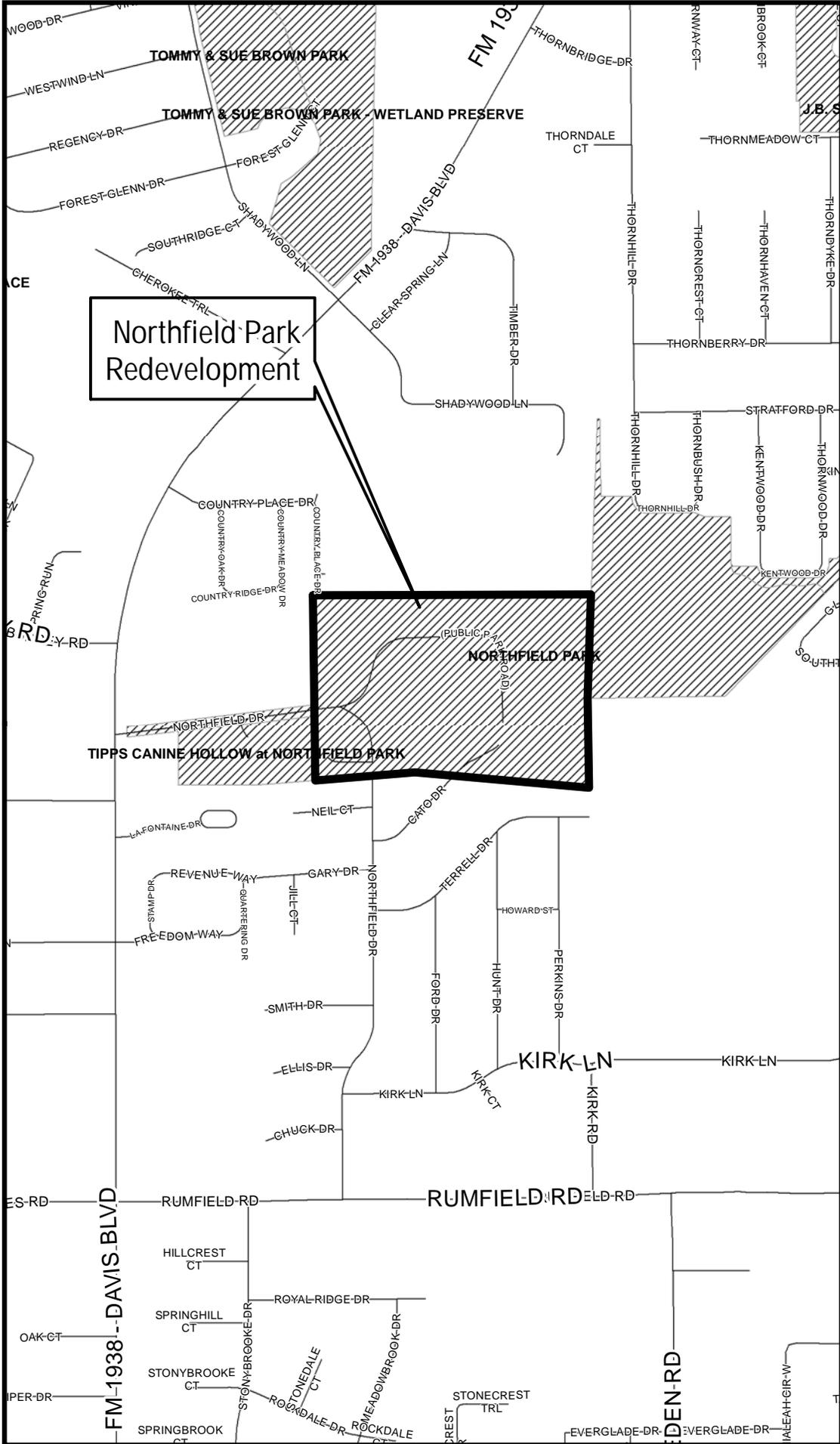


Scale: 1" = 3500'

Parks & Recreation Capital Projects

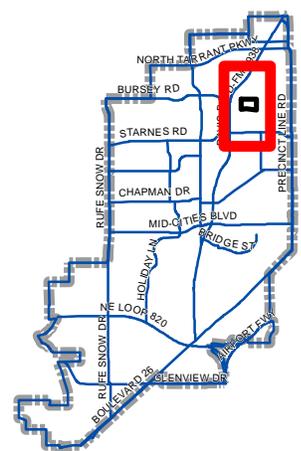
Department			Project Title				Project Number
Parks and Recreation			Major Trail Rest Stations				PK1602
Project Description							
<p>This project will provide for rest stations located approximately every 1/2 mile along our City's major trails. Amenities will include benches, attractive paving, trash receptacles, dog waste stations and drinking fountains where applicable. The 2015-2016 priority will be the development of rest stations along the John Barfield and Jo Ann Johnson Trails. Future projects include rest stations along the Calloway Branch Trail in Cross Timbers Park and the North Electric Trail.</p>							
Project Justification							
<p>The construction of the John Barfield and Calloway Branch Trails completes the recommendations of the 1993 Trail System Master Plan, which was the top recommendation from the 2007 Park, Recreation and Open Space Master Plan. In order for the North Richland Hills trails system to be a completely successful community amenity, the trail should appeal to a wide variety of users. To achieve this, the trails should be designed to provide a high level of user conveniences. Amenities recommended by the master plan include benches, trash receptacles and dog waste stations. Currently, there are no such facilities located at regular intervals along the North Richland Hills Trail System.</p> <p>Project funding sources is Park Impact Fees.</p>							
Project Schedule							
Beginning Date	Ending Date	History	Fiscal Year				Amount
		Adopted Budget	2015-16				\$55,000
		Total					\$55,000
Professional Services							<u>55,000</u>
Engineering/Design							<u>55,000</u>
Land/ROW Acquisition							<u>55,000</u>
Construction	10/2015	12/2016					
Other							
Total Schedule	<u>10/2015</u>	<u>12/2016</u>					
Sources of Funds							
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion				Total Funding
General Obligation Bonds							
Certificates of Obligation							
Federal/State Grants							
Reserves							
Sales Tax							
Other	55,000	0	0	0			\$55,000
Total Funding	<u>\$55,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>			<u>\$55,000</u>
Project Costs							
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion				Total Cost
Professional Services							
Engineering/Design							
Land/ROW Acquisition							
Construction	55,000	0	0	0			\$55,000
Other							
Total Costs	<u>\$55,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>			<u>\$55,000</u>
Operating Impact							
No operating impact is anticipated.							
Fiscal Year							
2016-17	2017-18	2018-19	2019-20	2020-21			Total Impact
\$0	\$0	\$0	\$0	\$0			\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>			<u>\$0</u>

Northfield Park Redevelopment



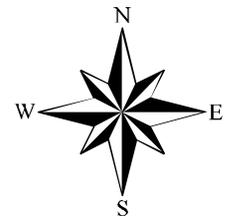
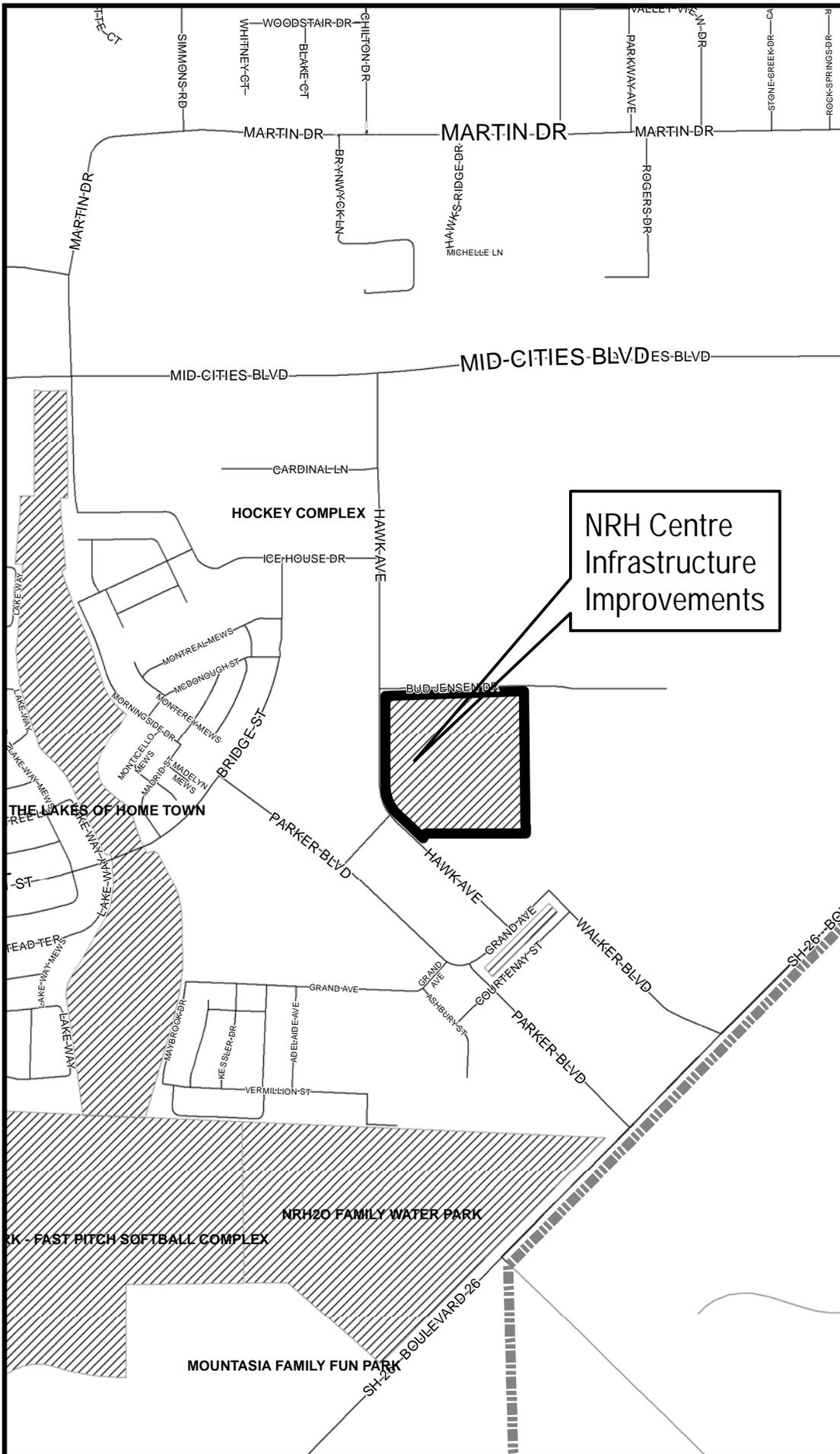
NORTH RICHLAND HILLS

Project Locator Map



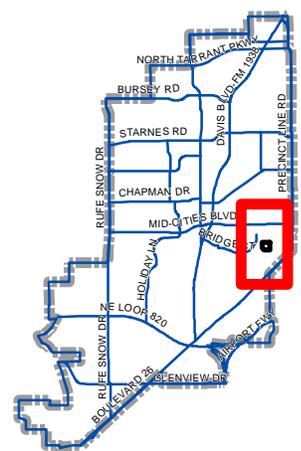
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Northfield Park Redevelopment				PK1603	
Project Description						
This project involves the redevelopment of the existing community park through the design and construction of new amenities based on meetings to gather stakeholder input. Recommended park elements for the redevelopment of the park include a new park entry, a more efficient park layout, upgrade of all equipment and support facilities and introduction of loop trails. The project will also ensure the protection of the natural creek corridor and provide engaging views to natural areas.						
Project Justification						
The Northfield Park Redevelopment Project was the top recommendation under the Renovation and Improvement category of the 2007 Park, Recreation and Open Space Master Plan. The 29 acre park is one of the original four parks developed in the City, and the amenities are aged and in need of removal or renovation. The redevelopment project will provide the opportunity to correct many issues while emphasizing positive aspects of the park site. The adjacent 17 acre natural area immediately east of the park was donated to the City as required by the Little Bear Creek Ordinance, and as a result of the Thornbridge Development. In September of 2014, a connection of the John Barfield Trail was constructed in the once untouched natural area and meanders westward into the original Northfield Park. This new bicycle/pedestrian connection is a vital link to Northfield Park from all Thornbridge neighborhoods, Grace Meadows neighborhoods and to the Cotton Belt Trail and to the City of Hurst to the east and to Forest Glenn and the City of Keller. This project will provide an investment in one of the city's established residential areas, improving the delivery of parks and recreation services allowing continued reinvestment in our City.						
Note: Funding source is Sales Tax and Certificates of Obligation in FY2016-2017.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$3,697,000	
Engineering/Design	03/2016	03/2017	Revision	2015-16	\$5,500	
Land/ROW Acquisition			Adopted Budget	2016-17	\$603,000	
Construction	05/2017	05/2018	Total		\$4,305,500	
Other						
Total Schedule	03/2016	05/2018				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	3,900,000	0	0	\$3,900,000	
Federal/State Grants						
Reserves						
Sales Tax	402,500	3,000	0	0	\$405,500	
Other						
Total Funding	\$402,500	\$3,903,000	\$0	\$0	\$4,305,500	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	402,500	0	0	0	\$402,500	
Land/ROW Acquisition						
Construction	0	3,903,000	0	0	\$3,903,000	
Other						
Total Costs	\$402,500	\$3,903,000	\$0	\$0	\$4,305,500	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH Centre Infrastructure Improvements (2015)



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 700'

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	NRH Centre Infrastructure Improvements (2015)				PK1505	
Project Description						
This project provides for enhancements to the NRH Centre infrastructure in response to use. The Parks and Recreation Department addresses long term funding needs for replacement and renovation, demonstrating responsible stewardship of property assets by the City on behalf of its citizens. The FY 2014-2015 priority will be the installation of safety groove floor traction control to minimize hydroplaning on the pool deck and for the conversion of a portion of smaller sized lockers to larger sizes in the men's and women's locker rooms.						
Project Justification						
The NRH Centre has experienced outstanding attendance and use since the opening. During this time, staff has observed potential slip and fall incidents associated with the wet conditions in the pool area. This project will provide an effective way to improve traction allowing the shoe or bare foot to remain in full contact with the floor surface. This project will also provide for the conversion of several of the smaller sized lockers to a larger size locker to accommodate members needs for additional locker space while participating in Centre programs and activities.						
Funding reserves are from NRH Centre Reserves for Capital						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$25,000	
Engineering/Design			Total		\$25,000	
Land/ROW Acquisition						
Construction	10/2014	12/2016				
Other						
Total Schedule	10/2014	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	25,000	0	0	0	\$25,000	
Sales Tax						
Other						
Total Funding	\$25,000	\$0	\$0	\$0	\$25,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	25,000	0	0	0	\$25,000	
Other						
Total Costs	\$25,000	\$0	\$0	\$0	\$25,000	
Operating Impact						
There is no expected impact of the operating budget.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Park Maintenance Infrastructure (2015)				PK1506	
Project Description						
This Project provides for maintenance of park infrastructure in response to use and age. The Parks and Recreation Department developed an Infrastructure Management Plan for park amenities. The plan addresses the long term funding needs for replacement and renovation of park sites and their amenities, demonstrating responsible stewardship of property assets by the City. Funding is included to address sportsfield renovation, sidewalk and trail repair, bridge deck replacement, replacement of park furniture and drinking fountains, park rules and regulation sign replacement and irrigation renovation.						
Project Justification						
Park assets are subject to continual heavy usage by citizens, exposure to the elements and the natural aging process. The Asset Management Plan and ongoing park inspections are used to identify assets that have become worn, unsafe or unsightly and to create a priority timeline for their repair, renovation or removal. The Asset Management Plan includes an estimated cost and annual priority list of all items to aid in the establishment of the annual Park Infrastructure Asset Management budget and to assist with the protection of our park infrastructure.						
Project funding sources is Park Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$228,900	
Engineering/Design			Revision	2014-15	\$3,697	
Land/ROW Acquisition			Total		\$232,597	
Construction	10/2014	12/2016				
Other						
Total Schedule	10/2014	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	232,597	0	0	0	\$232,597	
Other						
Total Funding	\$232,597	\$0	\$0	\$0	\$232,597	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	232,597	0	0	0	\$232,597	
Other						
Total Costs	\$232,597	\$0	\$0	\$0	\$232,597	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Park Infrastructure Maintenance (2016)				PK1604	
Project Description						
This project provides for maintenance of park infrastructure in reponse to use and age. The 2015-2016 priorities include replacement of playground safety surface material, fence replacement, painting of safety railing, bridge deck replacement and erosion projects in various parks.						
Project Justification						
The Parks and Recreation Department developed an Infrastructure Management Plan for park amenities. The plan addresses the long term funding needs for replacement and renovation of park sites and their amenities, demonstrating responsible stewardship of property assets by the City. Park assets are subject to continual heavy usage by citizens, exposure to the elements and the natural aging process. The Asset Management Plan and ongoing park inspections are used to identify assets that have become worn, unsafe or unsightly and to create a priority timeline for their repair, renovation or removal. The Asset Mangement Plan includes an estimated cost and annual priority list of all items to aid in the establishment of the annual Park Infrastructure Maintenance budget and to assist with the protection of our park system's infrastructure.						
Project funding sources is Park Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$175,000	
Engineering/Design			Total		\$175,000	
Land/ROW Acquisition						
Construction	10/2015	12/2016				
Other						
Total Schedule	10/2015	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	175,000	0	0	0	\$175,000	
Other						
Total Funding	\$175,000	\$0	\$0	\$0	\$175,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	175,000	0	0	0	\$175,000	
Other						
Total Costs	\$175,000	\$0	\$0	\$0	\$175,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Park System Playground Replacement	PK1605

Project Description
 This project provides for the replacement of playground equipment and other related components, such as shade, safety surface material and drainage. This project will apply to the entire parks system, where individual projects will be identified in response to use and age by Parks and Recreation staff.

Project Justification
 The importance of quality playgrounds with shade protection are increasingly more important as a renewed trend in the Parks and Recreation industry. Playgrounds are important gathering sites for families and for children to stimulate and promote social interaction in the community. Our park system, containing twenty individual playgrounds, provides one of the most important amenities for childhood development. Playgrounds are subject to continual heavy usage by citizens, exposure to the elements and the natural aging process. Park inspections are used to identify playground components that have become worn, unsafe or unsightly and to create a time line for their repair. This project is a key component to assist with the protection of our park system's infrastructure.

 Project funding sources is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2015-16	\$100,000
Engineering/Design			Total		\$100,000
Land/ROW Acquisition					
Construction	10/2015	12/2016			
Other					
Total Schedule	10/2015	12/2016			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	100,000	0	0	0	\$100,000
Other					
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000

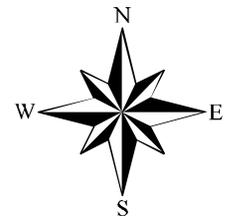
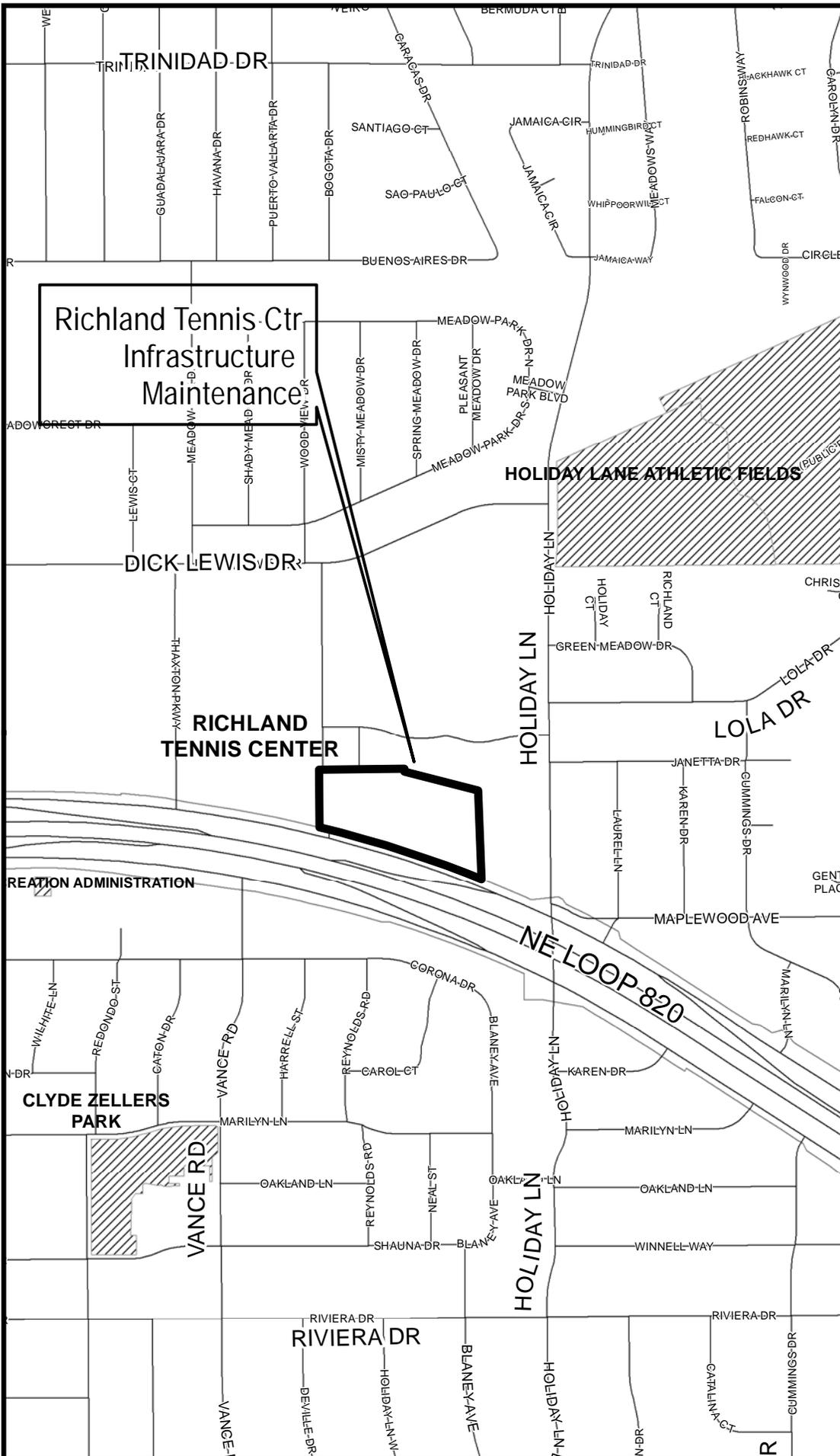
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	100,000	0	0	0	\$100,000
Other					
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000

Operating Impact
 No operating impact is anticipated.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

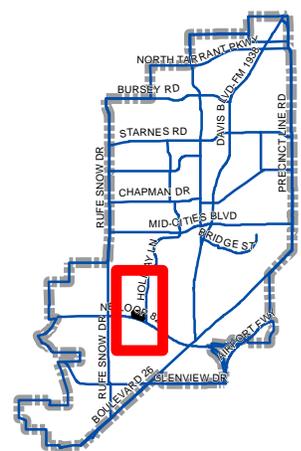
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Park System Signage				PK1606	
Project Description						
This project provides for the design and construction of new, updated park signage that will provide a gateway to each park, consistent with the vision of "City as Park" as supported by the Parks, Recreation and Open Space Master Plan. All park entry signs are scheduled to be replaced over a three year period. Each year, as funding becomes available, Parks and Recreation staff will inspect and evaluate all signs, and respond with sign replacement projects in order of greatest priority.						
Project Justification						
The 2007 Parks, Recreation and Open Space Master Plan lists as a priority the general recommendation for all parks to develop a unique and defined gateway to each park. The current metal park signs have become oxidized from exposure to sun and weather, resulting in increased labor and materials to maintain the signs. As our park system continues to develop, we seek to incorporate sustainable materials in a design that is less "corporate" and more in-line with the recommendations in the City's Image Study and Master Plan.						
Project funding source is Park Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$100,000	
Engineering/Design			Total		\$100,000	
Land/ROW Acquisition						
Construction	10/2015	09/2018				
Other						
Total Schedule	10/2015	09/2018				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	100,000	173,000	173,000	0	\$446,000	
Other						
Total Funding	\$100,000	\$173,000	\$173,000	\$0	\$446,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	100,000	173,000	173,000	0	\$446,000	
Other						
Total Costs	\$100,000	\$173,000	\$173,000	\$0	\$446,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Richland Tennis Center Infrastructure Maintenance (2016)



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 700'

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Richland Tennis Center Infrastructure Maintenance (2016)	PK1607

Project Description
 This project provides for the maintenance of the Richland Tennis Center Infrastructure in response to use and age. The FY 2015-2016 priorities will be the renovation of 16 tennis court benches, replacement of the shade fabric over court-side benches and painting building columns, patio and entrance awnings.

Project Justification
 The Parks and Recreation Department developed an Infrastructure Management Plan for the Richland Tennis Center, which addresses long term funding needs for the replacement and renovation of Richland Tennis Center amenities, and demonstrates responsible stewardship of property assets by the City on behalf of its citizens. The Richland Tennis Center has experienced outstanding attendance over the last few years, and as such, use and weather has taken a toll on the 16 tennis court benches and their shade structures. This project will also provide for much needed paint on building columns and patio and entrance awnings. They have not been painted since the original paint in 1997.

 Project funding sources is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2015-16	\$30,000
Engineering/Design			Total		\$30,000
Land/ROW Acquisition					
Construction	10/2015	12/2016			
Other					
Total Schedule	10/2015	12/2016			

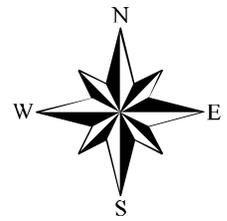
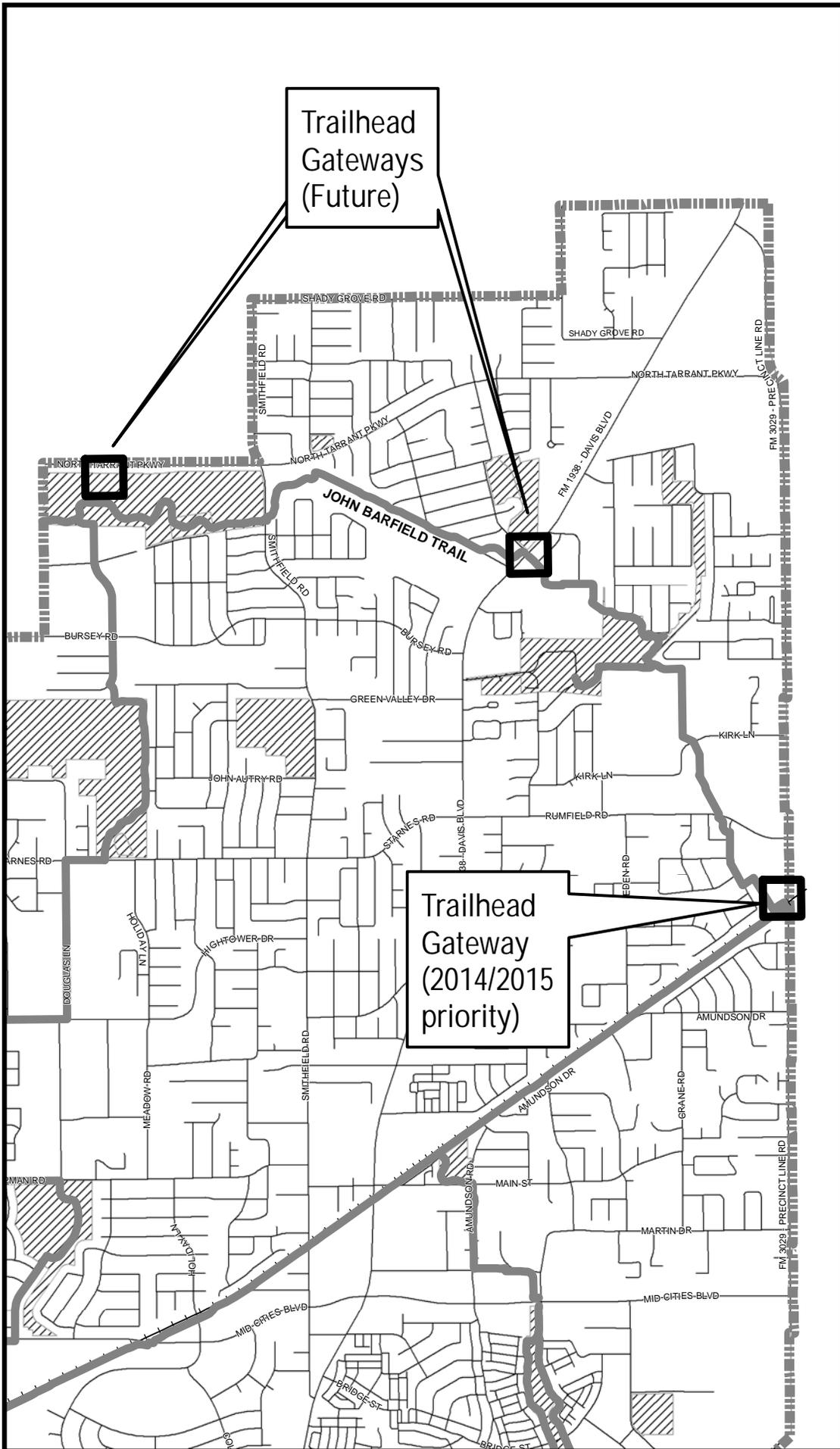
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	30,000	0	0	0	\$30,000
Other					
Total Funding	\$30,000	\$0	\$0	\$0	\$30,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	30,000	0	0	0	\$30,000
Other					
Total Costs	\$30,000	\$0	\$0	\$0	\$30,000

Operating Impact
 No operating impact is anticipated.

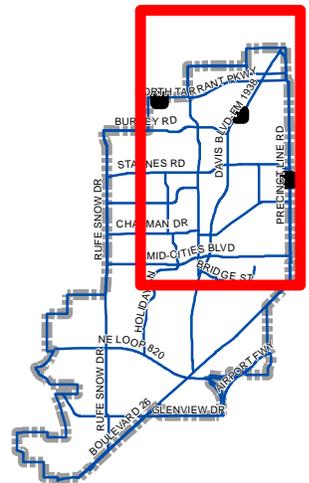
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Trailhead Gateways (2015)



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Trail Head Gateways 2015	PK1509

Project Description
 This project provides for the design and construction of trail-head gateways to our trail system that would offer amenities for trail users to include information kiosks, landscaped gateway monuments and parking for trail users. FY 2014-2015 priorities include a trail-head gateway for the John Barfield Trail at Precinct Line Road. Future locations include John Barfield Trail and Davis Boulevard and at Little Bear Creek Park near North Tarrant Parkway.

Project Justification
 The number five recommendation for renovation and improvement in the 2007 Park, Recreation and Open Space Master Plan is for the creation of trail heads and gateways. The value of trails in North Richland Hills is demonstrated by the high level of usage of the City's official trail system. In fact, trails were among the highest desired elements in the citizen survey conducted as a part of the Master Plan process. In order for the North Richland Hills trails system to be a successful community amenity, the trails should appeal to a wide variety of users. To achieve this, the trails should be designed to provide a high level of user conveniences such as parking, gateway monuments and informational kiosks.

 Project funding is from Park Sales Tax.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2014-15	\$130,000
Engineering/Design	10/2014	02/2015	Total		\$130,000
Land/ROW Acquisition	10/2014	12/2014			
Construction	04/2015	02/2017			
Other					
Total Schedule	10/2014	02/2017			

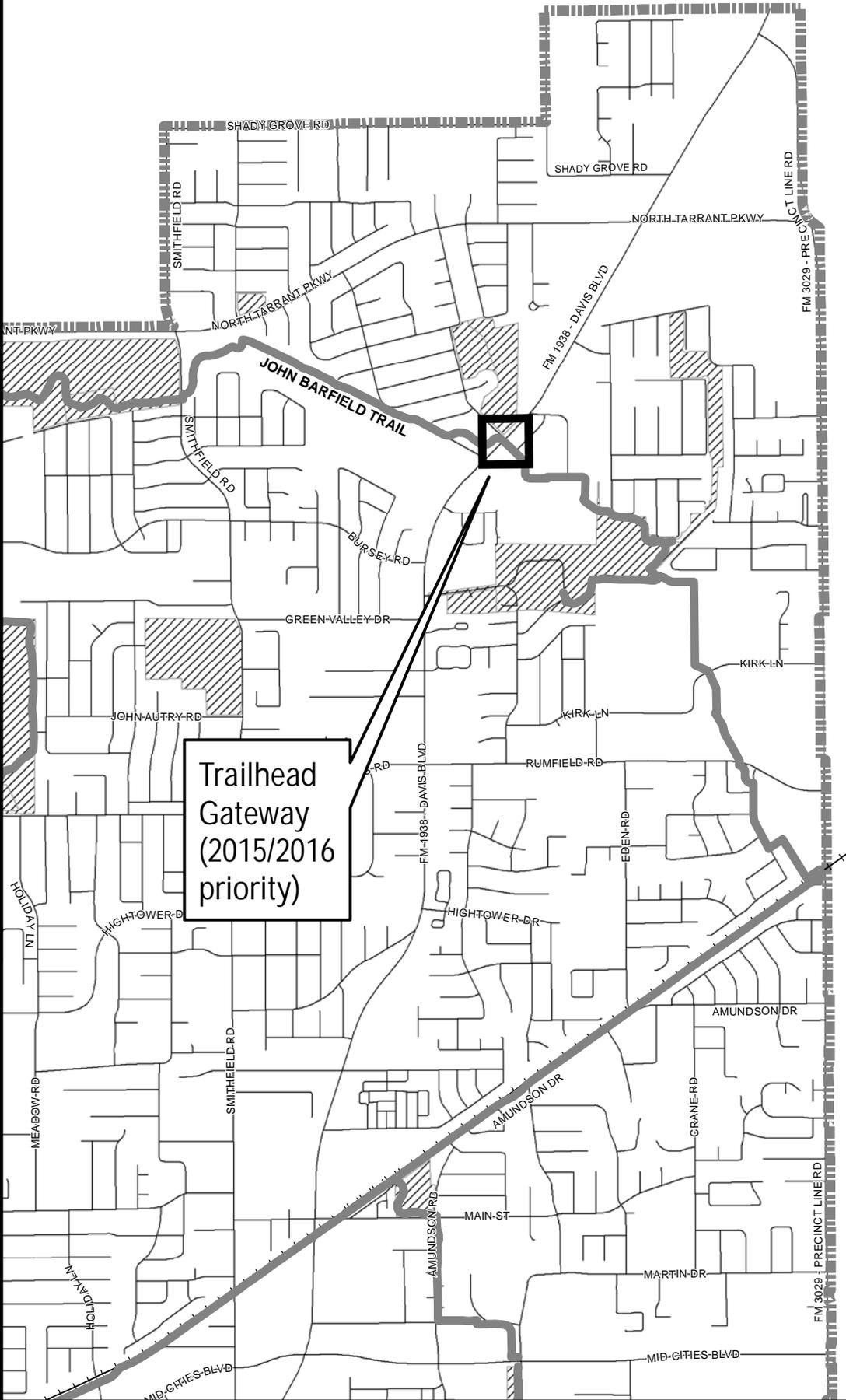
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	130,000	0	0	0	\$130,000
Other					
Total Funding	\$130,000	\$0	\$0	\$0	\$130,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	20,000	0	0	0	\$20,000
Land/ROW Acquisition					
Construction	110,000	0	0	0	\$110,000
Other					
Total Costs	\$130,000	\$0	\$0	\$0	\$130,000

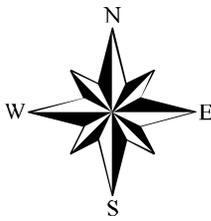
Operating Impact
 No operating impact is anticipated.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Trailhead Gateways (2016)

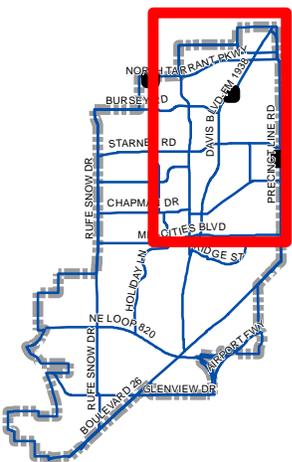


Trailhead Gateway
(2015/2016 priority)



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Trail Head Gateways 2016	PK1608

Project Description

This project provides for the design and construction of trail head gateways to our trail system that would offer amenities for trail users to include information kiosks or signage, landscaped gateway monuments and parking for trail users. FY 2015-2016 priorities include a trail head gateway for the John Barfield Trail at Fire Station #1 on Davis and Shadywood.

Project Justification

A priority recommendation for renovation and improvement in the 2007 Park, Recreation and Open Space Master Plan is for the creation of trail heads and gateways. The value of trails in North Richland Hills is demonstrated by the high level of usage of the City's official trail system. In fact, trails were among the highest desired elements in the citizen survey conducted as a part of the Master Plan process. In order for the North Richland Hills Trails system to be a successful community amenity, the trails should appeal to a wide variety of users. To achieve this, the trails should be designed to provide a high level of user conveniences such as parking, gateway monuments, informational signage or kiosks.

Project funding sources: Park Sales Tax and "Other" is identified as various donations including donations from The Barfield Family Foundation.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2015-16	\$110,000
Engineering/Design	10/2015	01/2016	Revision	2015-16	\$12,260
Land/ROW Acquisition			Total		\$122,260
Construction	03/2016	12/2016			
Other					
Total Schedule	10/2015	12/2016			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	10,260	0	0	0	\$10,260
Sales Tax	20,000	0	0	0	\$20,000
Other	92,000	0	0	0	\$92,000
Total Funding	\$122,260	\$0	\$0	\$0	\$122,260

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design	3,460	0	0	0	\$3,460
Land/ROW Acquisition					
Construction	118,800	0	0	0	\$118,800
Other					
Total Costs	\$122,260	\$0	\$0	\$0	\$122,260

Operating Impact

No operating impact is anticipated.

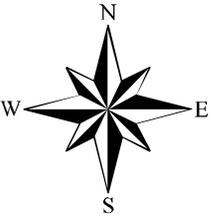
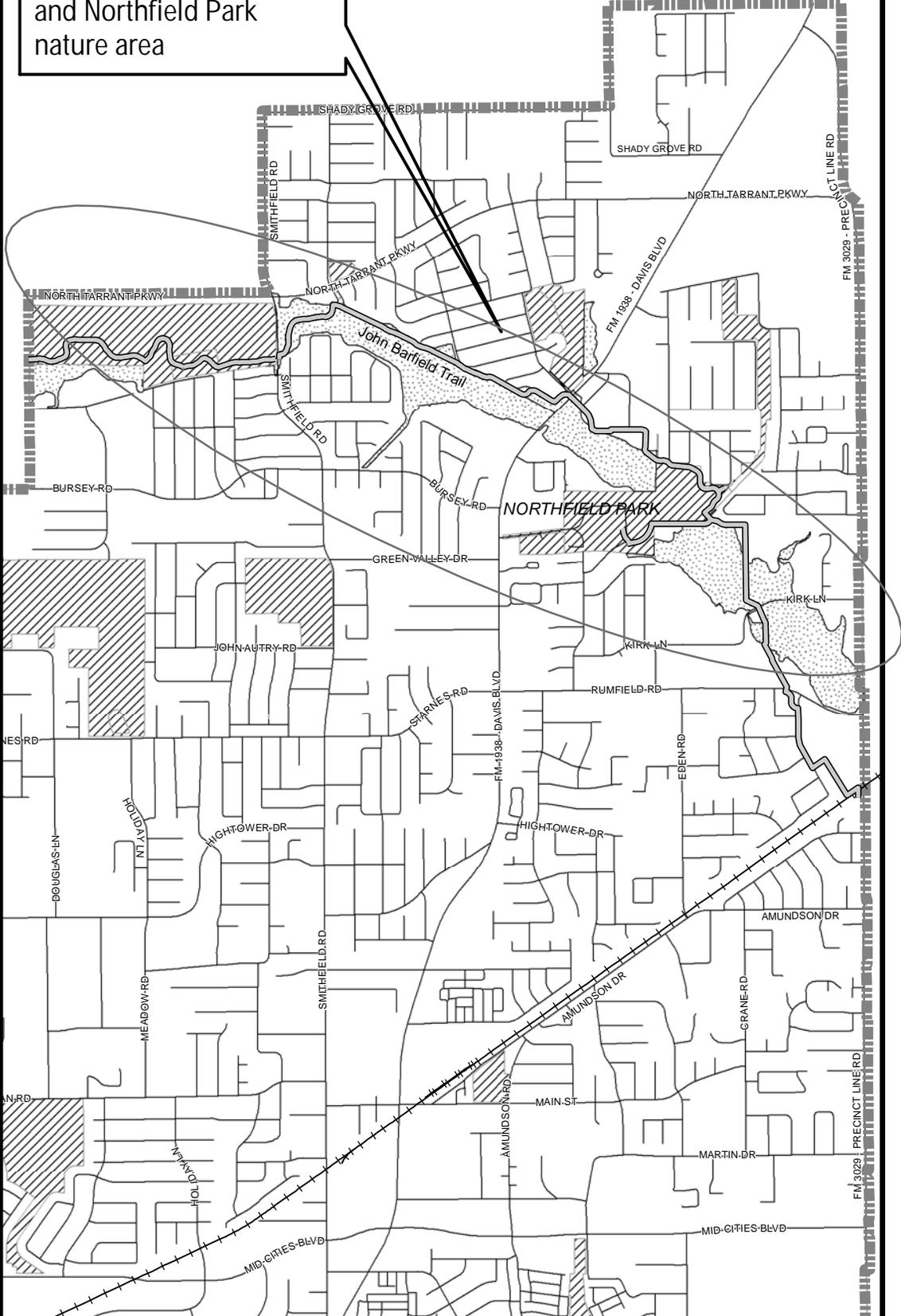
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Unforeseen Park Damage				PK1609	
Project Description						
This project provides for the repair and replacement of park amenities and structures as well as street and right-of-way landscape, hardscape, furniture and other enhancements in response to unanticipated or foreseen damage resulting from vandalism or accidents.						
Project Justification						
This project allows for quickly responding to damage or vandalism of landscape features, amenities and structures in our parks and within our rights-of-way arising from accidents or vandalism. Often, public safety is paramount to taking quick action to repair such damage. Because processing insurance claims is a time consuming course of action, allocated funds to repair this damage allows staff to respond to the accident or vandalism event quickly, preserving public safety and maintaining a positive City image, especially when located in areas of high visibility.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$60,000	
Engineering/Design			Revision	2015-16	\$1,535	
Land/ROW Acquisition			Total		\$61,535	
Construction	02/2016	09/2017				
Other						
Total Schedule	02/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	61,535	0	0	0	\$61,535	
Sales Tax						
Other						
Total Funding	\$61,535	\$0	\$0	\$0	\$61,535	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	61,535	0	0	0	\$61,535	
Other						
Total Costs	\$61,535	\$0	\$0	\$0	\$61,535	
Operating Impact						
Minimal impact is anticipated						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

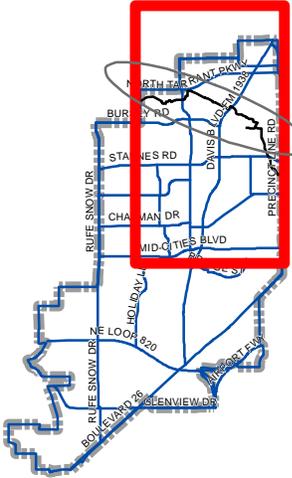
Barfield Family Foundation Grant Program

Little Bear Creek Corridor and Northfield Park nature area



NORTH RICHLAND HILLS

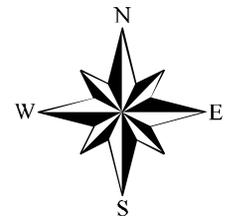
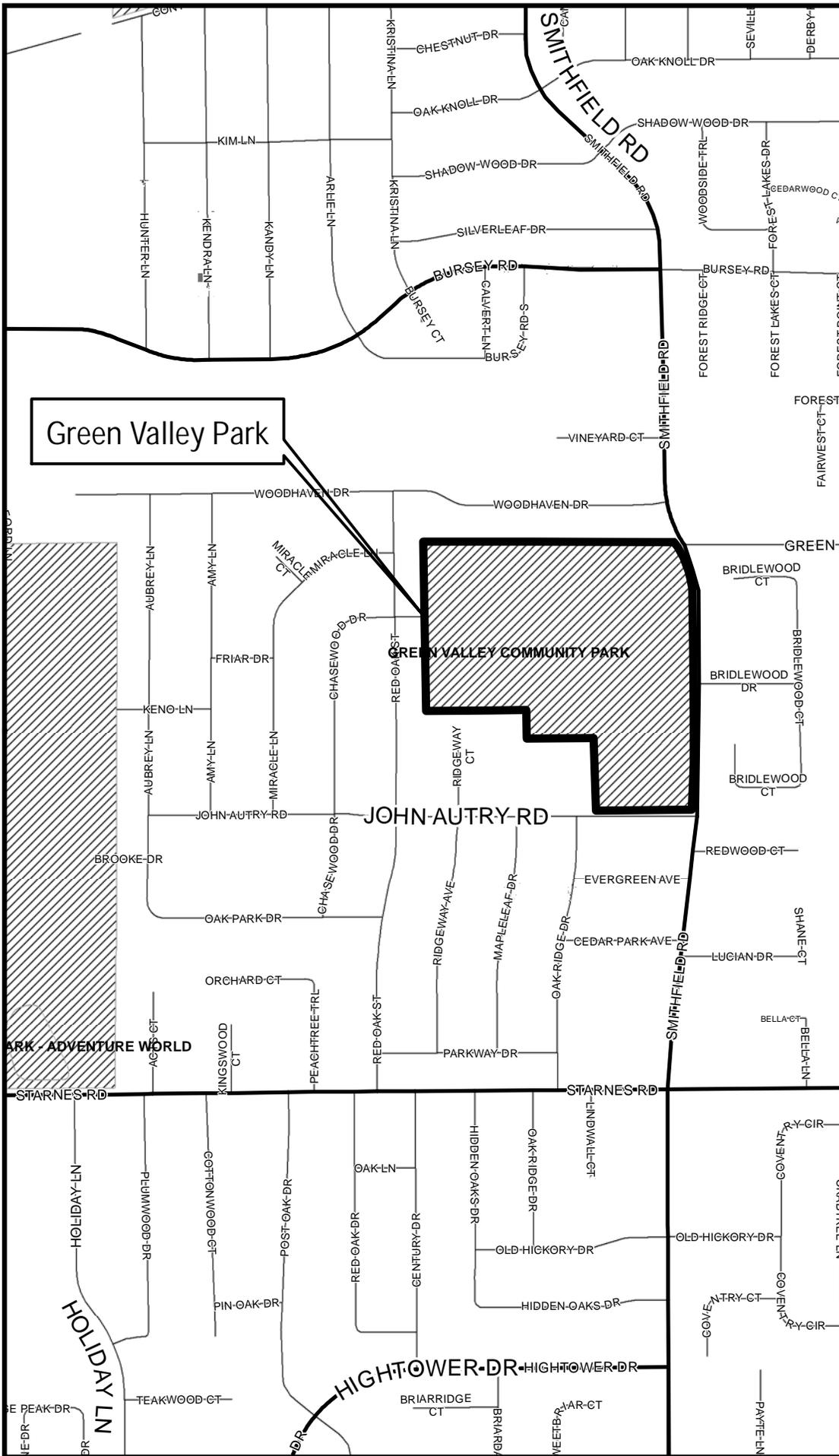
Project Locator Map



Parks & Recreation Capital Projects

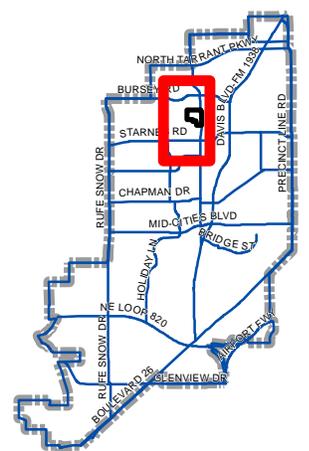
Department	Project Title		Project Number			
Parks and Recreation	Barfield Family Foundation Grant Program		PK1701			
Project Description						
<p>A privately funded grant program will provide funding opportunities for various enhancements along the Little Bear Creek Corridor. Possibilities for enhancements include educational signage for native plants and animals and environmental features along the corridor, cultivation of an extensive wildflower program with specific viewing areas and opportunities for bird blinds and boardwalks in the Northfield Park natural area. If additional funding is granted in subsequent years, similar type enhancement projects will be explored and implemented.</p>						
Project Justification						
<p>During residential development adjacent to Little Bear Creek, the Barfield family, along with several other stakeholders shared a vision and desire to protect the natural watershed along the Creek. In 1996 an ordinance was passed that today preserves Little Bear Creek and environmental features to include old growth tree canopies, native ecosystems, natural habitats, wildlife and smaller flowing creeks. As a result of a continued relationship with the City, The Barfield Family Foundation is offering annual grant funding in the amount of \$50,000 through an application and approval process. Any opportunity to provide enhancements along the Little Bear Creek Corridor will provide for a valuable addition to an already outstanding area in North Richland Hills.</p> <p>Project funding source is through private donations.</p>						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
Professional Services		Adopted Budget	2016-17	\$50,000		
Engineering/Design		Total		\$50,000		
Land/ROW Acquisition						
Construction	10/2016	10/2017				
Other						
Total Schedule	10/2016	10/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	0	50,000	0	0	\$50,000	
Total Funding	\$0	\$50,000	\$0	\$0	\$50,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	50,000	0	0	\$50,000	
Other						
Total Costs	\$0	\$50,000	\$0	\$0	\$50,000	
Operating Impact						
No operating impact is expected.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Green Valley Playground Replacement and Shade Structure Project



NORTH
RICHLAND
HILLS

Project Locator Map



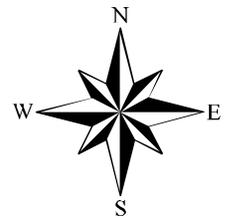
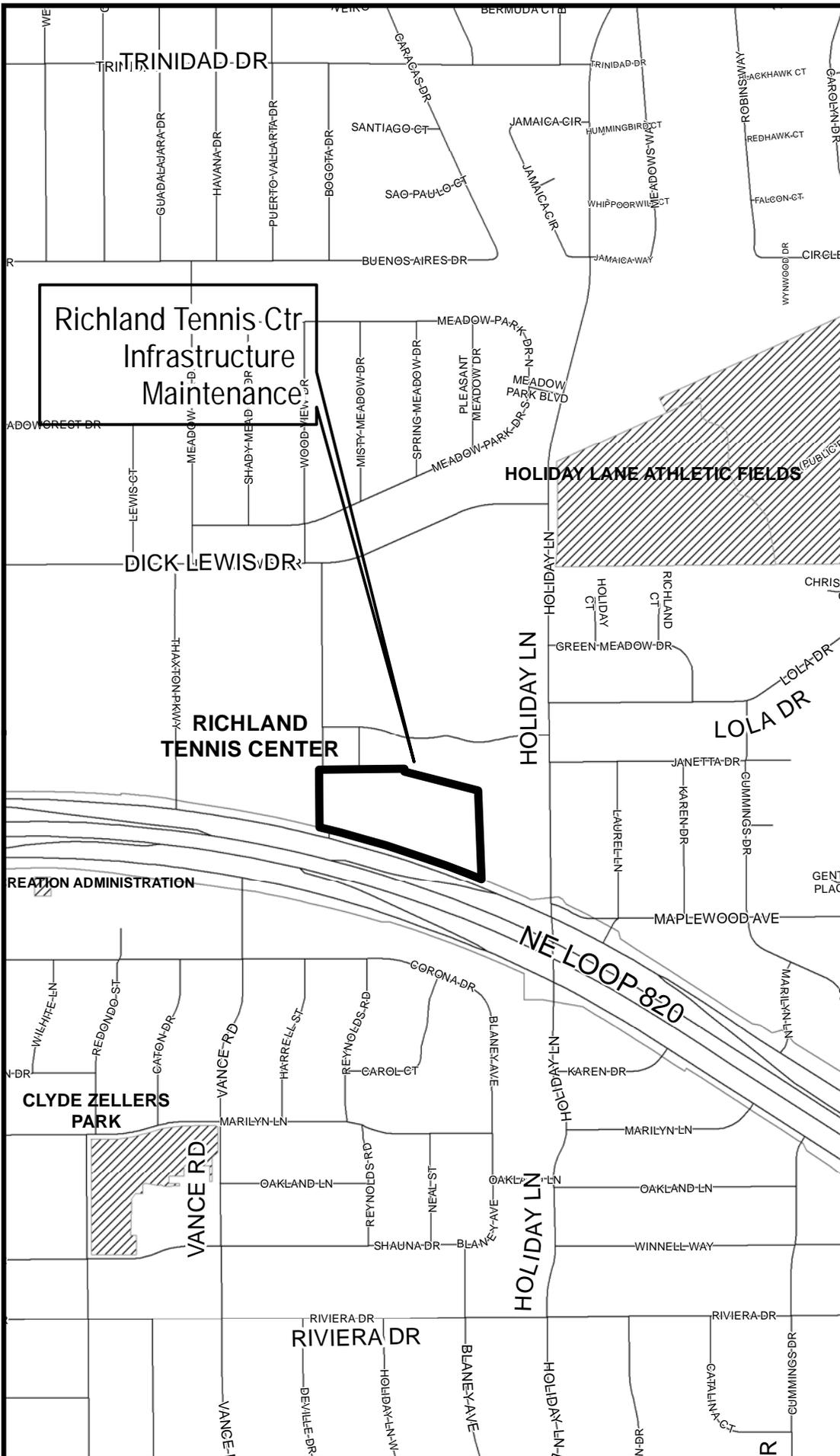
Scale: 1" = 700'

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Green Valley Playground Replacement and Shade Structure Project				PK1702	
Project Description						
This project will provide for a major renovation of the Green Valley Park playground. The renovation will include replacement of the playground equipment and fall surface material. Additionally, shade structures will be installed over the new playground to provide much needed relief from the summer heat.						
Project Justification						
The need for quality playgrounds with shade protection is increasingly more important as a renewed trend in the Parks and Recreation industry. Playgrounds are gathering sites for families and for children to stimulate imagination and promote social interaction in the community. The Green Valley Park playground was constructed in late 1995, and the existing components are from the original construction. Over the past twenty years, this playground has been subject to continual heavy usage by citizens, exposure to the elements and the natural aging process. Due to the fact that older playgrounds are often exposed to the summer sun and heat, the 2007 Parks, Recreation and Open Space Master Plan makes specific recommendations for parks to construct shade structures over play areas. This project will serve to provide a safe, accessible and high quality play experience for our citizens to enjoy for years to come. This project is recognized as a high priority in the Parks Infrastructure Asset Management Plan.						
Project Funding Source is Park Impact Fees.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$200,000	
Engineering/Design			Total		\$200,000	
Land/ROW Acquisition						
Construction	10/2016	10/2017				
Other						
Total Schedule	10/2016	10/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	0	200,000	0	0	\$200,000	
Total Funding	\$0	\$200,000	\$0	\$0	\$200,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	200,000	0	0	\$200,000	
Other						
Total Costs	\$0	\$200,000	\$0	\$0	\$200,000	
Operating Impact						
No operating impact is expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

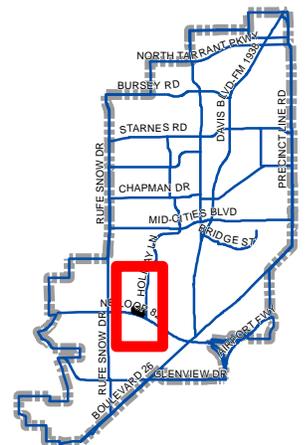
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Park Infrastructure Maintenance 2017				PK1703	
Project Description						
This project provides for maintenance of park infrastructure in response to use and age. The FY 2016-2017 priorities include replacement of playground safety surface material, trail concrete panel replacement, drainage projects and painting of concessions, restrooms and pavilions in various parks.						
Project Justification						
The Parks and Recreation Department developed an Infrastructure Management Plan for park amenities. The plan addresses the long term funding needs for replacement and renovation of park sites and their amenities, demonstrating responsible stewardship of property assets by the City. Park assets are subject to continual heavy usage by citizens, exposure to the elements and the natural aging process. The Asset Management Plan and ongoing park inspections are used to identify assets that have become worn, unsafe or unsightly and to create a priority timeline for their repair, renovation or removal. The Asset Management Plan includes an estimated cost and annual priority list of all items to aid in the establishment of the annual Park Infrastructure Maintenance budget and to assist with the protection of our park system's infrastructure.						
Project funding source is Park Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$257,000	
Engineering/Design			Total		\$257,000	
Land/ROW Acquisition						
Construction	10/2016	10/2017				
Other						
Total Schedule	10/2016	10/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	0	257,000	0	0	\$257,000	
Other						
Total Funding	\$0	\$257,000	\$0	\$0	\$257,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	257,000	0	0	\$257,000	
Other						
Total Costs	\$0	\$257,000	\$0	\$0	\$257,000	
Operating Impact						
No operating impact is expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Richland Tennis Center Infrastructure Maintenance (2017)



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Richland Tennis Center Infrastructure Maintenance 2017				PK1704	
Project Description						
This project provides for the maintenance of the Richland Tennis Center Infrastructure in response to use and age. The FY 2016-2017 priorities will be to provide new speakers for a recently renovated Public Address system and to relamp the lighting fixtures on all tennis courts except for the championship court.						
Project Justification						
The Parks and Recreation Department developed an Infrastructure Management Plan for the Richland Tennis Center, which addresses long term funding needs for the replacement and renovation of Richland Tennis Center amenities, and demonstrates responsible stewardship of property assets by the City on behalf of its citizens. As such, the Infrastructure Management Plan recommends that light fixtures be relamped every three years. This was last done in early 2014. In FY 2015-2016, a renovation of the existing PA system was completed in order to restore system functionality and bring it up to current standards. As a second phase of the project, FY 2016-2017 funding will provide new speakers to improve sound quality and fully take advantage of the updated system.						
Project funding source is Park Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$18,000	
Engineering/Design			Total		\$18,000	
Land/ROW Acquisition						
Construction	10/2016	10/2017				
Other						
Total Schedule	10/2016	10/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	0	18,000	0	0	\$18,000	
Other						
Total Funding	\$0	\$18,000	\$0	\$0	\$18,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	18,000	0	0	\$18,000	
Other						
Total Costs	\$0	\$18,000	\$0	\$0	\$18,000	
Operating Impact						
No operating impact is expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Trail Identification and 9-1-1 Emergency Response Signage	PK1705

Project Description

This project provides for the design and installation of updated trail identification and 9-1-1 emergency response signs to be introduced along the major trails within the city. The trail identification signs will be placed at selected trail and street intersections throughout the city as a means to identify which trail crosses a particular roadway. The 9-1-1 emergency response signage will be introduced at regular designated intervals along trails, and tied to a local GPS coordinate system to pinpoint the location of citizens in need of assistance.

Project Justification

A growing number of cities in the north central Texas area are joining the large cities of Fort Worth and Dallas to introduce 9-1-1 emergency response identification systems for their local hike and bike trails. Signage placed at regular trail intervals and tied to a local GPS coordinate system, will allow emergency responders to pinpoint the exact location of citizens in need of assistance. Additionally through citizen input, the system can assist Park and Recreation staff to specify areas of the trail system that may require maintenance or other similar attention.

In 2014 North Richland Hills adopted a new logo for our 30 mile trail system displaying the words "NRH Trails- Hike/Bike/Connect". This logo is being used as a universal symbol to identify and celebrate the trail system as an inter-connected network of community open space, neighborhoods, transit oriented development and recreation facilities. This project will serve to replace several outdated trail identification signs placed at various trail and roadway intersections in 2008.

This project is clearly aligned with the City Council Mission Statement to ensure an exceptional quality of life and long-term viability of North Richland Hills through local leadership and regional cooperation. This project also represents the Council goals for safety, security, positive city image and quality community development and revitalization.

Project funding source is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2016-17	\$35,000
Engineering/Design			Total		\$35,000
Land/ROW Acquisition					
Construction	10/2016	10/2017			
Other					
Total Schedule	10/2016	10/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	35,000	0	0	\$35,000
Other					
Total Funding	\$0	\$35,000	\$0	\$0	\$35,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	35,000	0	0	\$35,000
Other					
Total Costs	\$0	\$35,000	\$0	\$0	\$35,000

Operating Impact

No operating impact is expected

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

**NRH₂O FAMILY WATERPARK LONG RANGE PLAN
FY 2016/17 THROUGH FY 2025/26**

	ADOPTED FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25	FY 2025/26
ATTENDANCE	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
ESTIMATED BEGINNING BALANCE										
Undesignated Reserves	\$ 1,501,984	\$ 989,009	\$ 940,258	\$ 1,021,258	\$ 1,101,656	\$ 1,180,301	\$ 1,250,828	\$ 1,311,573	\$ 1,468,582	\$ 1,607,942
Future Insurance Claims	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
ESTIMATED BEGINNING BALANCE TOTAL	\$ 2,001,984	\$ 1,489,009	\$ 1,440,258	\$ 1,521,258	\$ 1,601,656	\$ 1,680,301	\$ 1,750,828	\$ 1,811,573	\$ 1,968,582	\$ 2,107,942
REVENUES										
<u>Operating Revenue</u>										
Admissions	\$ 3,442,500	\$ 3,511,350	\$ 3,581,577	\$ 3,653,209	\$ 3,726,273	\$ 3,800,798	\$ 3,876,814	\$ 3,954,350	\$ 4,033,437	\$ 4,114,106
Food and Beverage	1,009,352	1,029,539	1,050,130	1,071,132	1,092,555	1,114,406	1,136,694	1,159,428	1,182,617	1,206,269
Merchandise	157,836	160,993	164,213	167,497	170,847	174,264	177,749	181,304	184,930	188,629
Rentals	249,787	254,783	259,878	265,076	270,377	275,785	281,301	286,927	292,665	298,519
Aquatic Classes / Special Events	-	-	-	-	-	-	-	-	-	-
Sub-Total	<u>\$ 4,859,475</u>	<u>\$ 4,956,665</u>	<u>\$ 5,055,798</u>	<u>\$ 5,156,914</u>	<u>\$ 5,260,052</u>	<u>\$ 5,365,253</u>	<u>\$ 5,472,558</u>	<u>\$ 5,582,009</u>	<u>\$ 5,693,649</u>	<u>\$ 5,807,522</u>
<u>Other Revenue</u>										
Interest Income	\$ 8,900	\$ 8,922	\$ 8,945	\$ 8,967	\$ 8,989	\$ 9,012	\$ 9,034	\$ 9,057	\$ 9,080	\$ 9,102
Other Income	50,000	51,250	52,531	53,845	55,191	56,570	57,985	59,434	60,920	62,443
Bond Proceeds	-	-	-	-	-	-	-	-	-	-
Grant / Donation Proceeds	-	-	-	-	-	-	-	-	-	-
Sub Total	<u>\$ 58,900</u>	<u>\$ 60,172</u>	<u>\$ 61,476</u>	<u>\$ 62,811</u>	<u>\$ 64,180</u>	<u>\$ 65,582</u>	<u>\$ 67,019</u>	<u>\$ 68,491</u>	<u>\$ 70,000</u>	<u>\$ 71,545</u>
REVENUE TOTAL	\$ 4,918,375	\$ 5,016,837	\$ 5,117,274	\$ 5,219,725	\$ 5,324,232	\$ 5,430,835	\$ 5,539,577	\$ 5,650,500	\$ 5,763,649	\$ 5,879,068
EXPENSES										
<u>Operating Expenses</u>										
General Services & Utilities	\$ 918,666	\$ 946,226	\$ 974,613	\$ 1,003,851	\$ 1,033,967	\$ 1,064,986	\$ 1,096,935	\$ 1,129,843	\$ 1,163,739	\$ 1,198,651
Public Grounds / Aquatic / Maint.	1,237,395	1,274,517	1,312,752	1,352,135	1,392,699	1,434,480	1,477,514	1,521,840	1,567,495	1,614,520
Business & Office Administration	598,421	616,374	634,865	653,911	673,528	693,734	714,546	735,982	758,062	780,804
Gift Shop / Concessions	612,490	630,865	649,791	669,284	689,363	710,044	731,345	753,285	775,884	799,161
Sales / Special Events / Admissions	279,256	287,634	296,263	305,151	314,305	323,734	333,446	343,450	353,753	364,366
Sub Total	<u>\$ 3,646,228</u>	<u>\$ 3,755,615</u>	<u>\$ 3,868,283</u>	<u>\$ 3,984,332</u>	<u>\$ 4,103,862</u>	<u>\$ 4,226,978</u>	<u>\$ 4,353,787</u>	<u>\$ 4,484,401</u>	<u>\$ 4,618,933</u>	<u>\$ 4,757,501</u>
<u>Other & Reserves</u>										
Debt Service	\$ 956,140	\$ 903,051	\$ 751,862	\$ 729,382	\$ 706,344	\$ 687,888	\$ 669,239	\$ 542,611	\$ 527,882	\$ 503,108
Bond Defeasance / Refunding	-	-	-	-	-	-	-	-	-	-
Indirect Costs	166,631	171,630	176,779	182,082	187,545	193,171	198,966	204,935	211,083	217,416
Transfer Out - PARD	83,685	86,196	88,781	91,445	94,188	97,014	99,924	102,922	106,010	109,190
Non Departmental	47,666	49,096	50,569	52,086	53,649	55,258	56,916	58,623	60,382	62,193
Sub Total	<u>\$ 1,254,122</u>	<u>\$ 1,209,972</u>	<u>\$ 1,067,991</u>	<u>\$ 1,054,995</u>	<u>\$ 1,041,725</u>	<u>\$ 1,033,331</u>	<u>\$ 1,025,045</u>	<u>\$ 909,091</u>	<u>\$ 905,357</u>	<u>\$ 891,907</u>

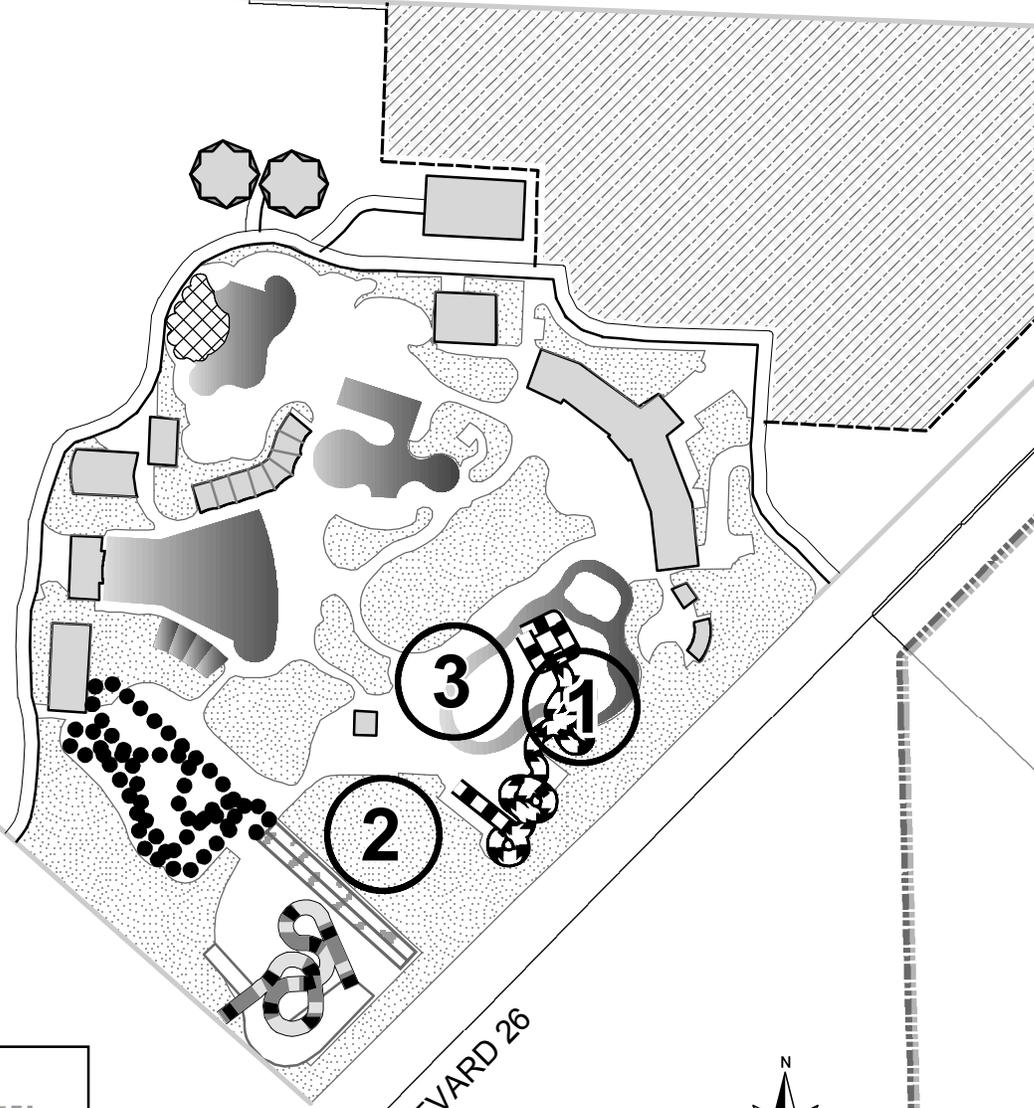
**NRH₂O FAMILY WATERPARK LONG RANGE PLAN
FY 2016/17 THROUGH FY 2025/26**

	<u>ADOPTED FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>FY 2019/20</u>	<u>FY 2020/21</u>	<u>FY 2021/22</u>	<u>FY 2022/23</u>	<u>FY 2023/24</u>	<u>FY 2024/25</u>	<u>FY 2025/26</u>
<u>Capital Projects</u>										
General Facility Improvements	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000	\$ 100,000
Slide Tower Replacement	-	-	-	-	-	-	-	-	-	-
Parking Lot Improvements	-	-	-	-	-	-	-	-	-	-
Beachside Bay Cabana Project	196,000	-	-	-	-	-	-	-	-	-
Endless Rivier Bridge Replacement	235,000	-	-	-	-	-	-	-	-	-
Sub Total	<u>\$ 531,000</u>	<u>\$ 100,000</u>								
EXPENSE TOTAL	<u>\$ 5,431,350</u>	<u>\$ 5,065,587</u>	<u>\$ 5,036,274</u>	<u>\$ 5,139,327</u>	<u>\$ 5,245,587</u>	<u>\$ 5,360,308</u>	<u>\$ 5,478,832</u>	<u>\$ 5,493,492</u>	<u>\$ 5,624,289</u>	<u>\$ 5,749,407</u>
<u>CHANGE IN AVAILABLE BALANCE</u>										
Undesignated Reserves	\$ (512,975)	\$ (48,751)	\$ 80,999	\$ 80,398	\$ 78,645	\$ 70,527	\$ 60,745	\$ 157,009	\$ 139,360	\$ 129,660
Future Insurance Claims	-	-	-	-	-	-	-	-	-	-
CHANGE IN AVAILABLE BALANCE	<u>\$ (512,975)</u>	<u>\$ (48,751)</u>	<u>\$ 80,999</u>	<u>\$ 80,398</u>	<u>\$ 78,645</u>	<u>\$ 70,527</u>	<u>\$ 60,745</u>	<u>\$ 157,009</u>	<u>\$ 139,360</u>	<u>\$ 129,660</u>
<u>ESTIMATED FUND BALANCE (BY CATEGORY)</u>										
Undesignated Reserves	\$ 989,009	\$ 940,258	\$ 1,021,258	\$ 1,101,656	\$ 1,180,301	\$ 1,250,828	\$ 1,311,573	\$ 1,468,582	\$ 1,607,942	\$ 1,737,602
Future Insurance Claims	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000	500,000
ESTIMATED FUND BALANCE	<u>\$ 1,489,009</u>	<u>\$ 1,440,258</u>	<u>\$ 1,521,258</u>	<u>\$ 1,601,656</u>	<u>\$ 1,680,301</u>	<u>\$ 1,750,828</u>	<u>\$ 1,811,573</u>	<u>\$ 1,968,582</u>	<u>\$ 2,107,942</u>	<u>\$ 2,237,602</u>

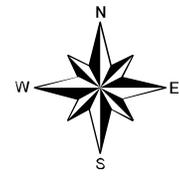
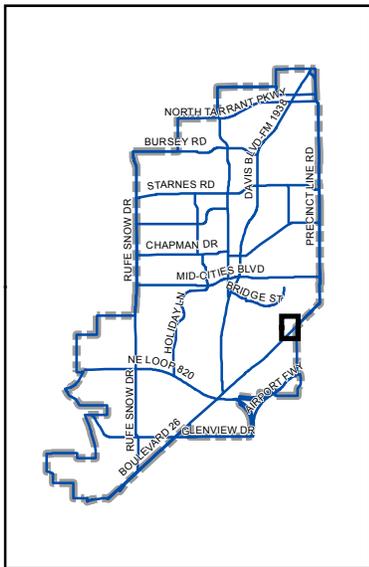
Schedule 5 Aquatic Park Capital Projects Budget Summary

Pg. No.	Map ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs						
Continuing Projects						
173	-	General Facility Improvements (2015)	100,000	0	0	0 \$ 100,000
174	-	General Facility Improvements (2016)	100,000	0	0	0 \$ 100,000
175	-	NRH2O Facility Enhancements and Improvements	200,000	0	0	0 \$ 200,000
176	-	NRH2O Slide Tower Replacement	2,980,425	0	0	0 \$ 2,980,425
Total Continuing Projects			\$ 3,380,425	\$ 0	\$ 0	\$ 0 \$ 3,380,425
New Projects						
177	2	Beachside Bay Cabana Project	0	196,000	0	0 \$ 196,000
178	3	Endless River Bridge Replacements	0	235,000	0	0 \$ 235,000
179	-	General Facility Improvements (2017)	0	100,000	0	0 \$ 100,000
Total New Projects			\$ 0	\$ 531,000	\$ 0	\$ 0 \$ 531,000
Total Project Costs			\$ 3,380,425	\$ 531,000	\$ 0	\$ 0 \$ 3,911,425
Funding Sources						
Certificates of Obligation						
Certificates of Obligation			2,600,000	0	0	0 2,600,000
Total Certificates of Obligation			\$ 2,600,000	\$ 0	\$ 0	\$ 0 \$ 2,600,000
Reserves						
Aquatic Park Infrastructure Reserve			780,425	531,000	0	0 1,311,425
Total Reserves			\$ 780,425	\$ 531,000	\$ 0	\$ 0 \$ 1,311,425
Total Sources of Funds			\$ 3,380,425	\$ 531,000	\$ 0	\$ 0 \$ 3,911,425

2016/2017 AQUATIC PARK CAPITAL PROJECTS



SH 26 - BOULEVARD 26



NORTH
RICHLAND
HILLS

Not to Scale

Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	General Facility Improvements (2015)				WP1501	
Project Description						
<p>Costs for additional construction such as drainage improvements, site improvements, miscellaneous building improvements or capital acquisitions are calculated and submitted on an annual basis. These costs also include safety improvements to/for the facility that are identified during the current operating season. The project funds unforeseen equipment failures and emergency items necessary to operate the park. Projects in the past have included switchgear for the Green Extreme, ADA updates, replacement motors, drainage improvements, concrete repair and patching and resurfacing of the Splashatory.</p>						
Project Justification						
<p>This project is important for emergency items and for general improvements to the park that are not included in the operating budget. Items may include safety items, ride equipment replacement, new initiatives to improve guest service and guest safety related projects.</p> <p>As the park's lighting systems require replacement due to age, staff is requesting to replace lights with energy efficient LED lighting. This also supports the "Green Initiative" undertaken by waterpark staff.</p> <p>The body slide and Double Dipper towers have been in place since 1995 and 1996 respectively. As they age, they require upkeep such as replacing bracing and various areas of decking. This project will not only maintain the towers, it will also enhance their look and make them visually pleasing to park guests.</p> <p>Funding source is Aquatic Park Infrastructure Reserves.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$100,000	
Engineering/Design			Total		\$100,000	
Land/ROW Acquisition						
Construction	10/2014	11/2016				
Other						
Total Schedule	10/2014	11/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	100,000	0	0	0	\$100,000	
Sales Tax						
Other						
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	100,000	0	0	0	\$100,000	
Other						
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000	
Operating Impact						
Decrease in electric costs with LED lights.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Aquatic Park Capital Projects

Department	Project Title	Project Number
Aquatic Park	General Facility Improvements (2016)	WP1601

Project Description

Costs for additional construction such as drainage improvements, site improvements, miscellaneous building improvements or capital acquisitions are calculated and submitted on an annual basis. These costs also include safety improvements to/for the facility that are identified during the current operating season. The project funds unforeseen equipment failures and emergency items necessary to operate the park. Projects in the past have included switchgear for the Green Extreme, ADA updates, replacement motors, drainage improvements, concrete repair and patching and resurfacing of the Splashatory.

Project Justification

This project is important for emergency items and for general improvements to the park that are not included in the operating budget. Items may include safety items, ride equipment replacement, new initiatives to improve guest service and guest safety related projects.

As the park's lighting systems require replacement due to age, staff is requesting to continue replacing lights with energy efficient LED lighting. This also supports the "Green Initiative" undertaken by waterpark staff.

Due to age, UV exposure and chlorinated water, the fiberglass colors on various park slides are fading and dull. This project will refurbish a portion of the slides with a specialized coating which will invigorate the colors.

As the park continues to grow we look to new opportunities and ways of bringing extra revenue generating ideas/areas into the park. Staff is requesting to purchase an updated food cart along with infrastructure improvements in order to add another revenue generating area into the park as well as improve revenue generation overall and enhance guest service.

Funding source is Aquatic Park Infrastructure Reserves.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2015-16	\$100,000
Engineering/Design			Total		\$100,000
Land/ROW Acquisition					
Construction	10/2015	01/2017			
Other					
Total Schedule	10/2015	01/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	100,000	0	0	0	\$100,000
Sales Tax					
Other					
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	100,000	0	0	0	\$100,000
Other					
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000

Operating Impact

Decrease in electric costs with LED lights. Potential increase in revenue with addition of food cart.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	NRH2O Facility Enhancements and Improvements				WP1502	
Project Description						
This project will provide for implementation of the first phase priority identified in the recently completed NRH2O Long Term Development Plan. The project will include the development of a cohesive branding scheme throughout the park to include consistent colors, signage, design and visual elements. The project will also provide for the fabrication and installation of wayfinding signs, attraction signage, and themed enhancements wrapping the wave pool building. The project will also provide additional cabanas at Beachside Bay and in the children's area.						
Project Justification						
The park's overall theme has become disparate over the years and as such the development of a cohesive branding scheme throughout the park will aid in ensuring the facility remains innovative and current to our guests. Continued development in overall theming and the addition of a stage area enables the park to reach increased audiences and enhance the economic opportunities for the City of North Richland Hills. The cabans will increase the guest experience and provide additional revenue for the facility.						
Funding source is Aquatic Park Infrastructure Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2014	09/2016	Adopted Budget	2014-15	\$200,000	
Engineering/Design			Total		\$200,000	
Land/ROW Acquisition						
Construction	01/2015	05/2017				
Other						
Total Schedule	10/2014	05/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	200,000	0	0	0	\$200,000	
Sales Tax						
Other						
Total Funding	\$200,000	\$0	\$0	\$0	\$200,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	67,000	0	0	0	\$67,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	133,000	0	0	0	\$133,000	
Other						
Total Costs	\$200,000	\$0	\$0	\$0	\$200,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	NRH2O Slide Tower Replacement				WP1503	
Project Description						
This project will provide for the first major attraction renovation identified in the recently completed NRH2O Long Term Development Plan. The project will include the design and construction of a new themed slide tower and slides replacing the original wooden slide tower and body slides. Demolition of the existing tower and slides will allow for construction of the new tower which will provide access to four new slide experiences.						
Project Justification						
As designated in prior and current NRH2O Strategic Plans, new facilities and attractions must be added to continue to keep current guests attending as well as attracting future guests. NRH2O continues to add these facilities at the rate of approximately once every 2 to 3 years. This keeps the park fresh and keeps the interest in the facility high. Continued development enables the park to reach audiences and increase the economic opportunities for the City of North Richland Hills. This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for the guests.						
Funding source is Aquatic Park Infrastructure Reserves and Aquatic Revenue Bonds.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$2,800,000	
Engineering/Design	10/2014	01/2015	Revision	2015-16	\$117,769	
Land/ROW Acquisition			Revision	2015-16	\$28,067	
Construction	01/2015	12/2016	Revision	2015-16	\$1,175	
Other			Revision	2015-16	\$33,414	
Total Schedule	10/2014	12/2016	Total		\$2,980,425	
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	2,600,000	0	0	0	\$2,600,000	
Federal/State Grants						
Reserves	380,425	0	0	0	\$380,425	
Sales Tax						
Other						
Total Funding	\$2,980,425	\$0	\$0	\$0	\$2,980,425	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	194,092	0	0	0	\$194,092	
Land/ROW Acquisition						
Construction	2,786,333	0	0	0	\$2,786,333	
Other						
Total Costs	\$2,980,425	\$0	\$0	\$0	\$2,980,425	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Aquatic Park Capital Projects

Department	Project Title	Project Number
Aquatic Park	Beachside Bay Cabana Project	WP1701

Project Description

This project consists of the renovation of the existing Beachside Bay volleyball court area and the construction of a cabana village. The water park is currently undergoing a rebranding process directed by our contracted branding agency Forrec and this is one of their recommendations. The cabana village will increase the private seating options available to water park guests from the current 4 to a total of 12. The 4 existing cabanas are simple 14'x14' concrete pads with shade. The new cabanas will be themed to match the ongoing rebranding efforts and will provide two size options, 10'x15' and 15'x30'. The new cabana village will also provide an additional revenue generating area for the water park.

Project Justification

NRH2O is limited in its private cabana offerings within the park. The park currently only has 4 basic smaller private cabana areas, located next to the Green Extreme, that are consistently used on a daily basis but sell out quickly during peak use times on weekends and holidays. Additional cabana locations are needed within the park and are recommended by Forrec, the contracted agency working on water park rebranding efforts. The volleyball court area is underutilized and located in a prime area for cabana development. The renovation will retain the sandy beach area closest to Beachside Bay in order to maintain the look and feel of the area, while the new cabanas and accompanying landscaping will be consistent with ongoing rebranding efforts. The addition of these new cabanas will triple the number available, providing additional seating options for water park guests as well as creating a new and sustainable source of revenue for the park. Locating the cabanas near Beachside Bay will make it an even more popular site. These cabanas will also assist the park with Group Sales efforts by allowing the option of new package deals in order to attract more business.

Revenue projections show the return on investment for this project will be 3 years with the additional subsequent revenue contributing to the continued financial stability and success of the water park.

Project Funding Source is Aquatic Park Reserves.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2016	11/2016	Adopted Budget	2016-17	\$196,000
Engineering/Design			Total		\$196,000
Land/ROW Acquisition					
Construction	11/2016	09/2017			
Other					
Total Schedule	10/2016	09/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	196,000	0	0	\$196,000
Sales Tax					
Other					
Total Funding	\$0	\$196,000	\$0	\$0	\$196,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	0	5,000	0	0	\$5,000
Engineering/Design					
Land/ROW Acquisition					
Construction	0	191,000	0	0	\$191,000
Other					
Total Costs	\$0	\$196,000	\$0	\$0	\$196,000

Operating Impact

Additional revenue will be created for the park with the addition of new rentals for the cabanas.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$330,000
Total Operating Impact	\$66,000	\$66,000	\$66,000	\$66,000	\$66,000	\$330,000

Aquatic Park Capital Projects

Department	Project Title	Project Number
Aquatic Park	Endless River Bridge Replacements	WP1702

Project Description

This project is for the replacement of 3 bridges over the Endless River in response to use and age. The current bridges were installed when the park opened in 1995. Each bridge is a Continental truss style pedestrian bridge with a 5 ton weight limit measuring approximately 25' long by 7' wide. The bridges are primarily used for moving pedestrian traffic over the Endless River as well as smaller vehicles used to aid in facility repairs.

Project Justification

As the water park ages, infrastructure repairs become more and more important in order to ensure not only the safety of park guests but also to keep the park financially successful by maintaining the look and image of water park facilities. These are the original bridges that were installed when the park opened in 1995 and are now 21 years old. Through the years the bridges have been impacted by exposure to sun, weather, pool chemicals and water, as well as pedestrian use and age. The combination of these factors has resulted in increased labor and materials required to safely maintain these bridges. The bridges are now near their end of life and are no longer able to be repaired and maintained in the fashion required to meet water park image and safety expectations.

Project funding source is Aquatic Park Infrastructure Reserves.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2016	11/2016	Adopted Budget	2016-17	\$235,000
Engineering/Design			Total		\$235,000
Land/ROW Acquisition					
Construction	10/2016	09/2017			
Other					
Total Schedule	10/2016	09/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	235,000	0	0	\$235,000
Sales Tax					
Other					
Total Funding	\$0	\$235,000	\$0	\$0	\$235,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	0	15,000	0	0	\$15,000
Engineering/Design					
Land/ROW Acquisition					
Construction	0	220,000	0	0	\$220,000
Other					
Total Costs	\$0	\$235,000	\$0	\$0	\$235,000

Operating Impact

No Operating Impact is expected.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	General Facility Improvements (2017)				WP1703	
Project Description						
<p>Costs for additional construction such as drainage improvements, miscellaneous building improvements or capital acquisitions are calculated and submitted on an annual basis. These costs also include safety improvements to/for the facility that are identified during the current operating season. The project funds unforeseen equipment failures and emergency items necessary to operate the park. Projects in the past have included switchgear for the Green Extreme, ADA updates, replacement motors, drainage improvements, concrete repair and patching and resurfacing of the Splashatory.</p>						
Project Justification						
<p>This project is important for emergency items and for general improvements to the park that are not included in the operating budget. Items may include safety items, ride equipment replacement, new initiatives to improve guest service and guest safety related projects.</p> <p>As the park's lighting systems require replacement due to age, staff is requesting to replace lights with energy efficient LED lighting. This also supports the "Green Initiative" undertaken by water park staff.</p> <p>Due to age, UV exposure and chlorinated water, the fiberglass colors on various park slides are fading and dull. This project will refurbish a portion of the slides with a specialized coating which will invigorate the colors.</p> <p>Funding source is Aquatic Park Infrastructure Reserves.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$100,000	
Engineering/Design			Total		\$100,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	100,000	0	0	\$100,000	
Sales Tax						
Other						
Total Funding	\$0	\$100,000	\$0	\$0	\$100,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	100,000	0	0	\$100,000	
Other						
Total Costs	\$0	\$100,000	\$0	\$0	\$100,000	
Operating Impact						
Decrease in electric costs with LED lights.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**FACILITIES & CONSTRUCTION SERVICES LONG RANGE PLAN
FY 2017 through FY 2026**

	<u>ADOPTED FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>FY 2019/20</u>	<u>FY 2020/21</u>	<u>FY 2021/22</u>	<u>FY 2022/23</u>	<u>FY 2023/24</u>	<u>FY 2024/25</u>	<u>FY 2025/26</u>
ESTIMATED BEGINNING BALANCE										
Operating	736,311	707,372	717,677	721,800	734,364	756,901	786,551	819,907	857,056	898,080
Rental Property	41,930	41,930	41,930	41,930	41,930	41,930	41,930	41,930	41,930	41,930
Capital	-	-	-	-	-	-	-	-	-	-
TOTAL ESTIMATED BEGINNING BALANCE	\$ 778,241	\$ 749,302	\$ 759,607	\$ 763,730	\$ 776,294	\$ 798,831	\$ 828,481	\$ 861,837	\$ 898,986	\$ 940,010
REVENUES										
<u>CHARGES FOR SERVICE</u>										
Transfer From:										
General Fund	\$ 836,737	\$ 878,574	\$ 913,717	\$ 941,129	\$ 969,363	\$ 998,444	\$ 1,028,397	\$ 1,059,249	\$ 1,091,026	\$ 1,123,757
Parks & Recreation Dev. Fund	351,900	369,495	384,275	395,803	407,677	419,907	432,504	445,479	458,843	472,608
Utility Fund	1,822,929	1,914,075	1,990,638	2,050,357	2,111,868	2,175,224	2,240,481	2,307,695	2,376,926	2,448,234
SUB-TOTAL	<u>\$ 3,011,566</u>	<u>\$ 3,162,144</u>	<u>\$ 3,288,630</u>	<u>\$ 3,387,289</u>	<u>\$ 3,488,908</u>	<u>\$ 3,593,575</u>	<u>\$ 3,701,382</u>	<u>\$ 3,812,423</u>	<u>\$ 3,926,795</u>	<u>\$ 4,044,599</u>
<u>OTHER REVENUES</u>										
Miscellaneous Income	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Interest Income	11,446	11,475	11,504	11,533	11,562	11,591	11,620	11,649	11,678	11,707
Rent From Rental Properties	72,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000
Other Income	-	-	-	-	-	-	-	-	-	-
Transfer from General Fund	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	<u>\$ 83,446</u>	<u>\$ 89,475</u>	<u>\$ 89,504</u>	<u>\$ 89,533</u>	<u>\$ 89,562</u>	<u>\$ 89,591</u>	<u>\$ 89,620</u>	<u>\$ 89,649</u>	<u>\$ 89,678</u>	<u>\$ 89,707</u>
TOTAL REVENUES	\$ 3,095,012	\$ 3,251,619	\$ 3,378,134	\$ 3,476,822	\$ 3,578,470	\$ 3,683,166	\$ 3,791,002	\$ 3,902,072	\$ 4,016,473	\$ 4,134,306
EXPENSES										
<u>OPERATING EXPENSES</u>										
General Services	\$ 332,468	\$ 342,443	\$ 352,715	\$ 363,296	\$ 374,193	\$ 385,419	\$ 396,980	\$ 408,889	\$ 421,156	\$ 433,791
Building Services	2,577,848	2,655,183	2,734,836	2,816,884	2,901,390	2,988,434	3,078,089	3,170,429	3,265,543	3,363,510
Rental Property Program	46,120	47,504	48,930	50,398	51,910	53,467	55,071	56,723	58,424	60,177
Transfer to Capital Budget	120,800	-	-	-	-	-	-	-	-	-
SUB-TOTAL	<u>\$ 3,077,236</u>	<u>\$ 3,045,130</u>	<u>\$ 3,136,481</u>	<u>\$ 3,230,578</u>	<u>\$ 3,327,493</u>	<u>\$ 3,427,320</u>	<u>\$ 3,530,140</u>	<u>\$ 3,636,041</u>	<u>\$ 3,745,123</u>	<u>\$ 3,857,478</u>
<u>OTHER & RESERVES</u>										
Debt Service	\$ 26,193	\$ 24,636	\$ 14,904	\$ 9,922	\$ 3,494	\$ -	\$ -	\$ -	\$ -	\$ -
Other	20,522	21,548	22,626	23,758	24,947	26,196	27,506	28,882	30,326	31,842
SUB-TOTAL	<u>\$ 46,715</u>	<u>\$ 46,184</u>	<u>\$ 37,530</u>	<u>\$ 33,680</u>	<u>\$ 28,441</u>	<u>\$ 26,196</u>	<u>\$ 27,506</u>	<u>\$ 28,882</u>	<u>\$ 30,326</u>	<u>\$ 31,842</u>

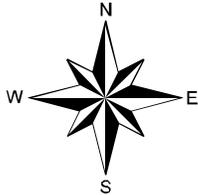
**FACILITIES & CONSTRUCTION SERVICES LONG RANGE PLAN
FY 2017 through FY 2026**

	<u>ADOPTED FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>FY 2019/20</u>	<u>FY 2020/21</u>	<u>FY 2021/22</u>	<u>FY 2022/23</u>	<u>FY 2023/24</u>	<u>FY 2024/25</u>	<u>FY 2025/26</u>
CAPITAL PROJECTS										
Capital Maintenance	-	150,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000	200,000
SUB-TOTAL	<u>\$ -</u>	<u>\$ 150,000</u>	<u>\$ 200,000</u>							
EXPENSES TOTAL	<u>\$ 3,123,951</u>	<u>\$ 3,241,314</u>	<u>\$ 3,374,011</u>	<u>\$ 3,464,258</u>	<u>\$ 3,555,934</u>	<u>\$ 3,653,516</u>	<u>\$ 3,757,646</u>	<u>\$ 3,864,923</u>	<u>\$ 3,975,449</u>	<u>\$ 4,089,320</u>
CHANGE IN BALANCE										
Operating	(28,939)	10,305	4,123	12,564	22,537	29,650	33,356	37,149	41,024	44,986
Rental Property	-	-	-	-	-	-	-	-	-	-
Capital	-	-	-	-	-	-	-	-	-	-
CHANGE IN BALANCE	<u>\$ (28,939)</u>	<u>\$ 10,305</u>	<u>\$ 4,123</u>	<u>\$ 12,564</u>	<u>\$ 22,537</u>	<u>\$ 29,650</u>	<u>\$ 33,356</u>	<u>\$ 37,149</u>	<u>\$ 41,024</u>	<u>\$ 44,986</u>
ESTIMATED ENDING BALANCE										
Operating	\$ 707,372	\$ 717,677	\$ 721,800	\$ 734,364	\$ 756,901	\$ 786,551	\$ 819,907	\$ 857,056	\$ 898,080	\$ 943,066
Rental Property	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930	\$ 41,930
Capital	-	-	-	-	-	-	-	-	-	-
ESTIMATED ENDING BALANCE	<u>\$ 749,302</u>	<u>\$ 759,607</u>	<u>\$ 763,730</u>	<u>\$ 776,294</u>	<u>\$ 798,831</u>	<u>\$ 828,481</u>	<u>\$ 861,837</u>	<u>\$ 898,986</u>	<u>\$ 940,010</u>	<u>\$ 984,996</u>

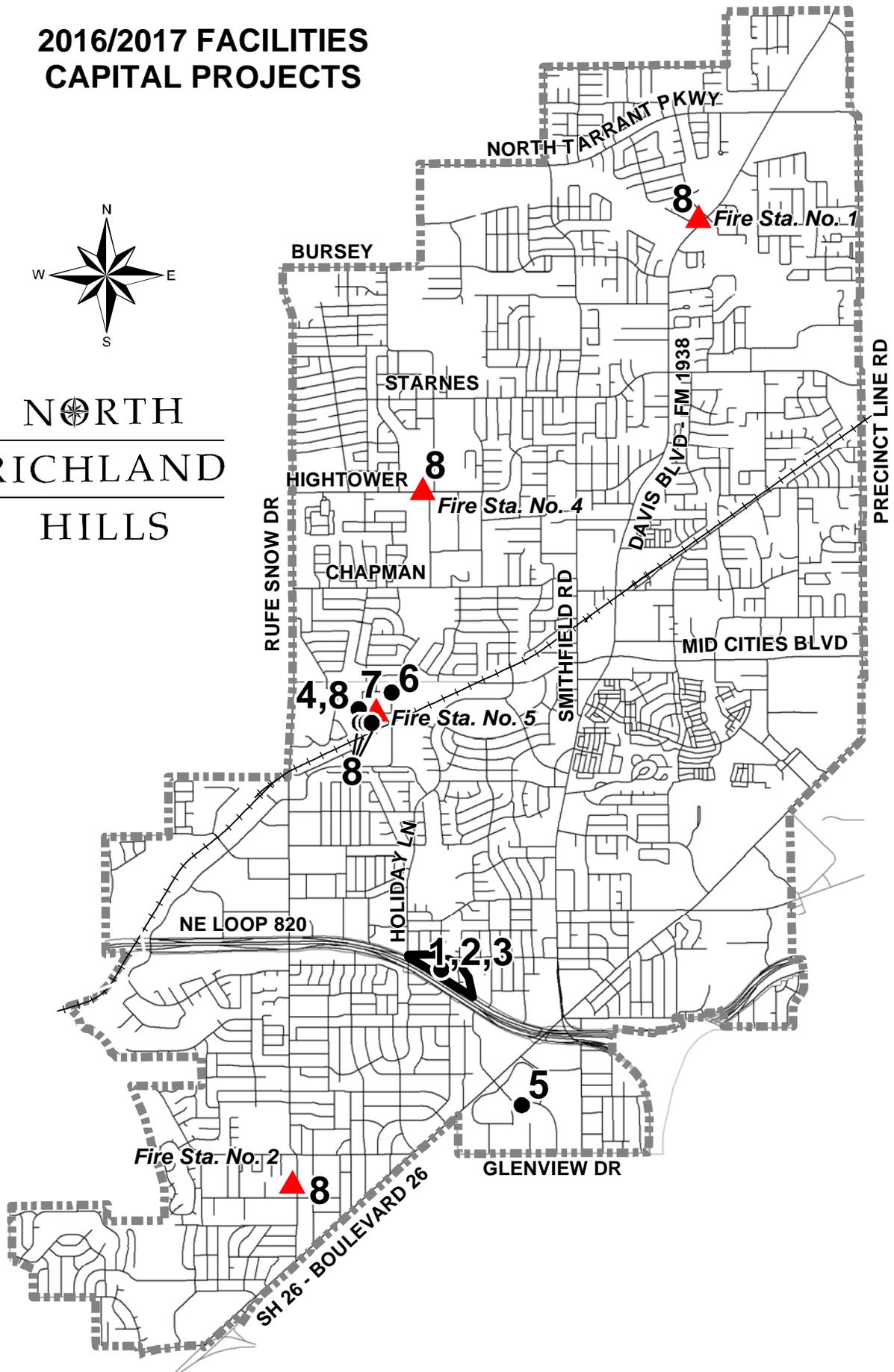
Schedule 6 Facilities Capital Projects Budget Summary

Pg. No.	Map ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs						
Continuing Projects						
185	1	820 Widening - City Hall Modifications	1,050,000	0	0	0 \$ 1,050,000
186	2	820 Widening - Professional Services	300,000	0	0	0 \$ 300,000
187	3	Building ACM Abatement and Site Demolition	630,000	0	0	0 \$ 630,000
188	4	Building Envelope / Roof Replacement	165,000	0	0	0 \$ 165,000
189	5	City Hall (Municipal Government Complex)	69,284,287	0	0	0 \$ 69,284,287
190	-	Loop 820 Expansion Preparation	213,031	0	0	0 \$ 213,031
191	6	NRH Animal Adoption & Rescue Center - New Facility	4,400,000	0	0	0 \$ 4,400,000
Total Continuing Projects			\$ 76,042,318	\$ 0	\$ 0	\$ 0 \$ 76,042,318
New Projects						
192	7	Overhead Door Replacement	0	52,000	0	0 \$ 52,000
193	8	Overhead Door Safety Edges & Remote Control Assemblies	0	68,800	0	0 \$ 68,800
Total New Projects			\$ 0	\$ 120,800	\$ 0	\$ 0 \$ 120,800
Total Project Costs			\$ 76,042,318	\$ 120,800	\$ 0	\$ 0 \$ 76,163,118
Funding Sources						
General Obligation Bonds						
		G.O. Bonds 2003 Program	1,550,000	0	0	1,550,000
		G.O. Bonds 2012 Program	48,000,000	0	0	48,000,000
Total General Obligation Bonds			\$ 49,550,000	\$ 0	\$ 0	\$ 0 \$ 49,550,000
Certificates of Obligation						
		Certificates of Obligation	20,070,000	0	0	20,070,000
Total Certificates of Obligation			\$ 20,070,000	\$ 0	\$ 0	\$ 0 \$ 20,070,000
Reserves						
		Building Services Fund Reserve	165,000	0	0	165,000
		Future Construction Funds	0	120,800	0	120,800
		Unspecified Project Savings	630,000	0	0	630,000
		General Fund Designated Reserves	1,350,000	0	0	1,350,000
		Pay-As-You-Go Reserves for Capital Improvements	555,000	0	0	555,000
Total Reserves			\$ 2,700,000	\$ 120,800	\$ 0	\$ 0 \$ 2,820,800
Other						
		Animal Control Fund Raising Campaign	1,075,000	0	0	1,075,000
		Other	2,434,287	0	0	2,434,287
		North Tarrant Express ROW Proceeds	213,031	0	0	213,031
Total Other			\$ 3,722,318	\$ 0	\$ 0	\$ 0 \$ 3,722,318
Total Sources of Funds			\$ 76,042,318	\$ 120,800	\$ 0	\$ 0 \$ 76,163,118

2016/2017 FACILITIES CAPITAL PROJECTS



NORTH RICHLAND HILLS



Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	820 Widening - City Hall Modifications				BD0809	
Project Description						
Purchase properties adjacent to City Hall for future modification of the facility and parking lots as a result of the widening of Loop 820.						
Project Justification						
The widening of Loop 820 will result in the elimination of most of the parking on the south side of City Hall. The findings of the Loop 820 Corridor Study determined that if City Hall was going to remain in the current location it would be necessary to remodel City Hall in such a way that the main entrance would either face east or north. In order for the remodel to be possible, adjacent properties need to be acquired to facilitate the reorientation of City Hall as well as provide adequate parking lost by the widening of Loop 820.						
Note: The "Reserves" funding sources represents General Fund Designated Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2007-08	\$650,000	
Engineering/Design			Revision	2008-09	\$400,000	
Land/ROW Acquisition	10/2007	12/2016	Total		\$1,050,000	
Construction						
Other						
Total Schedule	10/2007	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	1,050,000	0	0	0	\$1,050,000	
Sales Tax						
Other						
Total Funding	\$1,050,000	\$0	\$0	\$0	\$1,050,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition	1,050,000	0	0	0	\$1,050,000	
Construction						
Other						
Total Costs	\$1,050,000	\$0	\$0	\$0	\$1,050,000	
Operating Impact						
Acceptable properties will be rented. Other properties will be razed. Depending on the number of properties that fit within the two categories there will either be net rental income or demolition and grounds maintenance costs. Staff is currently anticipating no net operating impact.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
City Manager	820 Widening - Professional Services				BD0905	
Project Description						
Due to the anticipated widening of Loop 820 the City needs the assistance of outside professional services to assist in managing the impact caused by the expansion to City land and facilities. The services will include legal council, architectural services, property appraisals and others as needed throughout the life of the project.						
Project Justification						
The widening of Loop 820 will require the acquisition of multiple parcels of property along the current R.O.W. by the Texas Department of Transportation (TxDot). The City of North Richland Hills has several pieces of property that must be acquired in order for the project to continue. It is important to the continued operation of the City that we maximize the value of these parcels and ensure the long term viability of our City's operation. Due to the specialized knowledge required to handle these sorts of transactions, the city anticipates the need to hire outside professional services to work through this process including the sale, disposal, reuse and temporary regress to City facilities.						
Note: The "Reserves" funding sources represents General Fund Designated Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2008	12/2016	Adopted Budget	2008-09	<u>\$300,000</u>	
Engineering/Design			Total		<u>\$300,000</u>	
Land/ROW Acquisition						
Construction	03/2012	10/2012				
Other						
Total Schedule	<u>10/2008</u>	<u>12/2016</u>				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	300,000	0	0	0	\$300,000	
Sales Tax						
Other						
Total Funding	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	287,540	0	0	0	\$287,540	
Engineering/Design						
Land/ROW Acquisition						
Construction	12,460	0	0	0	\$12,460	
Other						
Total Costs	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Building ACM Abatement and Site Demolition				FC1602	
Project Description						
Contract with a materials monitoring company and with an ACM abatement/demolition contractor for the city building and all flatwork located at 6720 NE Loop 820. Complete removal of all utilities back to the service tap and the demolition and removal of all structures and concrete flatwork from the site. This will leave the property a vacant lot for future development.						
Project Justification						
With the completion of the new City Hall Complex all departments currently located at 6720 and 7301 NE Loop 820 will relocate to the new City Hall. To prepare for the sale and/or future development of this site, all existing structures and concrete flatwork is to be removed. Demolition of structures and flatwork will provide a clean site for future investment and or development opportunities.						
Project funding source is Facility Reserves and the sale of property.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
01/2016	01/2017	Adopted Budget	2015-16	\$630,000		
		Total		\$630,000		
Engineering/Design						
Land/ROW Acquisition						
Construction	01/2017	09/2017				
Other						
Total Schedule	01/2016	09/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	630,000	0	0	0	\$630,000	
Sales Tax						
Other						
Total Funding	\$630,000	\$0	\$0	\$0	\$630,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services	74,000	0	0	0	\$74,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	556,000	0	0	0	\$556,000	
Other						
Total Costs	\$630,000	\$0	\$0	\$0	\$630,000	
Operating Impact						
No operating impact expected.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
\$0	\$0	\$0	\$0	\$0	\$0	
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	

Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Building Envelope / Roof Replacement				FC1601	
Project Description						
Complete replacement of the roof system at Facilities & Construction / Fleet Facility.						
Project Justification						
This facility was identified in the 2011 Roofing Consultant's Report as in need of repair/replacement in 2012/13 calendar years due to environmental conditions causing deterioration of the roof system membrane, and excessive granule loss. Completing the project at this facility would seal the building envelope from the weather and elements, improve the energy efficiency and improve the aesthetics of the city properties.						
Note: Reserve funding is from the Building Service Fund Reserve						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2015-16	\$165,000	
Engineering/Design			Total		\$165,000	
Land/ROW Acquisition						
Construction	10/2015	12/2016				
Other						
Total Schedule	10/2015	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	165,000	0	0	0	\$165,000	
Sales Tax						
Other						
Total Funding	\$165,000	\$0	\$0	\$0	\$165,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	165,000	0	0	0	\$165,000	
Other						
Total Costs	\$165,000	\$0	\$0	\$0	\$165,000	
Operating Impact						
No operating impact expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	City Hall (Municipal Government Complex)				FC1205	
Project Description						
This project is for the design, acquisition, and construction of a new municipal complex up to 183,000 square feet to consolidate multiple city services and departments into one location. The new City Hall (Municipal Government Complex) will include the following city services and departments: City Hall, Police Department (including Police Property, Traffic, Crime Scene and SWAT), Municipal Court, Parks Administration, Citicable, Fire Administration & Emergency Management, and Neighborhood Services. The proposed 183,000 square feet would be constructed to provide Public Safety operations 93,000 square feet, City Hall 75,000 square feet, and Municipal Court 15,000 square feet. The square feet dimensions by function could be redefined during the design process.						
Project Justification						
The existing location of city services and departments have been impacted by the widening of Loop 820. City Hall, Police Department, Municipal Court, and Parks Administration available parking has been substantially reduced to less available parking spaces. The result of the reduced parking and landscaping at Parks Administration and Municipal Court impacted the fire lanes located in the front of the building. There is no longer adequate space in front of the building for required emergency responder access. The fire lanes at City Hall and the Police Department need to be reconfigured, which will result in additional parking being lost. Due to the widening of Loop 820 both locations are non-compliant with several codes and government regulations.						
The new City Hall (Municipal Government Complex) will allow the City to position multiple City services and departments into one conducive location for the Residents, Employees, and Visitors of North Richland Hills.						
Project cost is estimated to be \$69,284,287. Funding sources consist of \$48,000,000 in G.O. Bonds issuance, \$250,000 in G.O Bond issuance from the 2003 bond election for the EOC, \$18,600,000 in Certificates of Obligation issuance. The remaining \$2,434,287 in "Other" will be financed by PEG funds, Court Technology Funds, Special Investigations Funds, Traffic Safety Funds, 9-1-1 Communication Assistance Funding, Gas Development, and other reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	07/2012	09/2016	Adopted Budget	2011-12	\$70,000,000	
Engineering/Design	07/2012	09/2016	Revision	2013-14	(\$770,663)	
Land/ROW Acquisition	06/2012	02/2013	Revision	2015-16	\$54,950	
Construction	12/2013	12/2016	Total		\$69,284,287	
Other						
Total Schedule	06/2012	12/2016				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds	48,250,000	0	0	0	\$48,250,000	
Certificates of Obligation	18,600,000	0	0	0	\$18,600,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other	2,434,287	0	0	0	\$2,434,287	
Total Funding	\$69,284,287	\$0	\$0	\$0	\$69,284,287	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	4,944,197	0	0	0	\$4,944,197	
Engineering/Design	282,000	0	0	0	\$282,000	
Land/ROW Acquisition	162,785	0	0	0	\$162,785	
Construction	58,700,706	0	0	0	\$58,700,706	
Other	5,194,599	0	0	0	\$5,194,599	
Total Costs	\$69,284,287	\$0	\$0	\$0	\$69,284,287	
Operating Impact						
Operating impact will be added after Consultants are hired and provided a Performa on estimated expenditures.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
Police	Loop 820 Expansion Preparation				FC1204	
Project Description						
Due to the expansion of Loop 820 the City needs to conduct a space needs assessment and site plan analysis. In addition lighting located in the ROW will be impacted by the expansion and will need to be relocated.						
Project Justification						
Space needs assessments and site plan analysis will allow the City to evaluate the current configuration of departments and determine the best way to maintain efficient City services into the future. The assessments will determine the space needs for NRH facilities and associated costs for infrastructure impacted by the expansion of Loop 820. This ongoing process will be evaluated as the project moves forward and decisions are reached on relocating City services.						
Funding Source of "Other" for this project will be provided by revenue from NTE Row acquisitions.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	11/2011	09/2016	Adopted Budget	2011-12	\$103,520	
Engineering/Design			Revision	2012-13	\$109,511	
Land/ROW Acquisition			Total		\$213,031	
Construction	03/2012	12/2016				
Other						
Total Schedule	11/2011	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	213,031	0	0	0	\$213,031	
Total Funding	\$213,031	\$0	\$0	\$0	\$213,031	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	117,126	0	0	0	\$117,126	
Engineering/Design	15,000	0	0	0	\$15,000	
Land/ROW Acquisition						
Construction	53,940	0	0	0	\$53,940	
Other	26,965	0	0	0	\$26,965	
Total Costs	\$213,031	\$0	\$0	\$0	\$213,031	
Operating Impact						
No operating impace is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	NRH Animal Adoption & Rescue Center - New Facility				ES0201	
Project Description						
This project entails building a new facility of 10,303 square feet to replace the older antiquated facility currently in use. The current facility shelters an average 102 - 120 animals daily with a current design capacity of 96. The new facility will be able to provide additional kennel capacity, adoption areas, sick and incoming isolation areas, and a separate entry and exit to reduce cross-contamination issues, as well as additional storage space and work areas.						
Project Justification						
The new Adoption Center is needed to enhance adoption and customer service operations, minimize animal overcrowding, reduce cross contamination between sick and well animals, and provide needed material/equipment storage and staff work areas. The total cost for the design and construction of the new facility is estimated to be \$4.4 million. General obligation bonds in the amount of \$1.3 million have been committed for this project as well as \$930,000 in accumulated voluntary utility bill donations. Current available funding is \$2,230,000. The remaining project funding need to be comprised of issuance of Certificates of Obligation of \$1,470,000 and Pay As You Go Reserves of \$700,000. If additional donations are received, they will be utilized to offset the issuance of the additional C.O.'s. Quorum Architects has been hired to design the facility.						
NOTE: The "other" funding source shown below represents accumulated donations.						
G.O. Bonds were issued during FY2013.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	04/2006	12/2014	Original Budget	2002-03	\$3,000,000	
Engineering/Design	12/2006	12/2014	Revision	2009-10	\$14,760	
Land/ROW Acquisition			Revision	2011-12	\$399,090	
Construction	02/2014	02/2017	Revision	2013-14	\$986,150	
Other			Total		\$4,400,000	
Total Schedule	04/2006	02/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds	1,300,000	0	0	0	\$1,300,000	
Certificates of Obligation	1,470,000	0	0	0	\$1,470,000	
Federal/State Grants						
Reserves	555,000	0	0	0	\$555,000	
Sales Tax						
Other	1,075,000	0	0	0	\$1,075,000	
Total Funding	\$4,400,000	\$0	\$0	\$0	\$4,400,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	100,000	0	0	0	\$100,000	
Engineering/Design	415,760	0	0	0	\$415,760	
Land/ROW Acquisition						
Construction	3,884,240	0	0	0	\$3,884,240	
Other						
Total Costs	\$4,400,000	\$0	\$0	\$0	\$4,400,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Overhead Door Replacement				FC1701	
Project Description						
Replace (10) overhead door assemblies at Fire Station #5.						
Project Justification						
<p>The assemblies were installed in 2001. These door assemblies require additional maintenance as well as repair/parts replacement expenses. A total of 25 workorders have been processed since 2009. With the activation of Fire Station #5 on December 1, 2015 these doors are going to be in operation at a higher rate since the location was deactivated in 2005. It is imperative malfunctions are minimized. Replacing the door assemblies with insulated assemblies will improve building envelope seal, and reduce maintenance and operational expenses. Replacement is the continuation of the City Long Range Plan to maintain effectiveness in operations and reduce accidental damages to equipment, property and injury to personnel.</p> <p>Project funding source is Future Construction Reserves.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$52,000	
Engineering/Design			Total		\$52,000	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	52,000	0	0	\$52,000	
Sales Tax						
Other						
Total Funding	\$0	\$52,000	\$0	\$0	\$52,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	52,000	0	0	\$52,000	
Other						
Total Costs	\$0	\$52,000	\$0	\$0	\$52,000	
Operating Impact						
No operating impact expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Facilities Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Overhead Door Safety Edges & Remote Control Assemblies				FC1702	
Project Description						
Replace safety edges, seals and remote control assemblies at \$1,720 per door. Fire Station #1 eight (8) doors (\$13,760). Fire Station #2 six (6) doors (\$10,320). Fire Station #4 six (6) doors (\$10,320). Service Center Fleet Shop (10) doors (\$17,200). Facilities & Construction/Fleet Services (5) doors (\$8,600). Parks Operation (1) door (\$1,720). Traffic Division (4) doors (\$6,880).						
Project Justification						
The safety edges, seals and remote control assemblies of these locations have deteriorated through the years of usage. The safety edges should reverse the door operation should it make contact with an object during closing operations - this sometimes does not occur until a repair is completed. The seals of the doors prevents the weather elements from entering the bay areas. The remote control assemblies allows for operating the door from the exterior of the facility as the fire equipment depart and return to the facility. Replacing these systems will improve the safe operations of the doors, reduce the possibilities of personnel injury or property damage, allow for quick smoother response in operations, and close the building envelope from environmental elements.						
Project funding source is Future Construction Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$68,800	
Engineering/Design			Total		\$68,800	
Land/ROW Acquisition						
Construction	10/2016	09/2017				
Other						
Total Schedule	10/2016	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	68,800	0	0	\$68,800	
Sales Tax						
Other						
Total Funding	\$0	\$68,800	\$0	\$0	\$68,800	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	68,800	0	0	\$68,800	
Other						
Total Costs	\$0	\$68,800	\$0	\$0	\$68,800	
Operating Impact						
No operating impact expected.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**FLEET SERVICES LONG RANGE PLAN
FY 2016/17 THROUGH FY 2025/26**

	<u>ADOPTED FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>FY 2019/20</u>	<u>FY 2020/21</u>	<u>FY 2021/22</u>	<u>FY 2022/23</u>	<u>FY 2023/24</u>	<u>FY 2024/25</u>	<u>FY 2025/26</u>
ESTIMATED BEGINNING BALANCE	\$ 1,457,514	\$ 1,614,195	\$ 1,544,133	\$ 1,623,331	\$ 1,322,235	\$ 2,038,468	\$ 2,660,340	\$ 3,312,437	\$ 4,395,907	\$ 4,873,419
REVENUES										
<u>CHARGES FOR SERVICE</u>										
Transfer From:										
General Fund	\$ 1,389,677	\$ 1,459,161	\$ 1,532,119	\$ 1,578,083	\$ 1,625,425	\$ 1,674,188	\$ 1,724,414	\$ 1,776,146	\$ 1,829,430	\$ 1,884,313
Utility Fund	1,967,647	2,066,029	2,169,330	2,234,410	2,301,442	2,370,485	2,441,600	2,514,848	2,590,293	2,668,002
Utility CIP / Utility Construction	288,678	303,112	318,268	327,816	337,650	347,780	358,213	368,959	380,028	391,429
Crime Control District	170,426	178,947	187,894	193,531	199,337	205,317	211,477	217,821	224,356	231,087
Parks & Recreation Dev. Fund	143,939	151,136	158,693	163,454	168,358	173,409	178,611	183,969	189,488	195,173
Other Funds	40,278	42,292	44,406	45,739	47,112	48,525	49,980	51,479	53,023	54,614
SUB-TOTAL	\$ 4,000,645	\$ 4,200,677	\$ 4,410,710	\$ 4,543,033	\$ 4,679,324	\$ 4,819,704	\$ 4,964,295	\$ 5,113,222	\$ 5,266,618	\$ 5,424,618
<u>OTHER REVENUES</u>										
Interest Income	\$ 14,551	\$ 14,587	\$ 14,623	\$ 14,660	\$ 14,697	\$ 14,734	\$ 14,771	\$ 14,808	\$ 14,845	\$ 14,882
Sale of City Property	519,408	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Other Income	6,660	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Transfer from Utility Fund	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	\$ 540,619	\$ 46,587	\$ 46,623	\$ 46,660	\$ 46,697	\$ 46,734	\$ 46,771	\$ 46,808	\$ 46,845	\$ 46,882
<u>CAPITAL DEBT FUNDING</u>										
C.O. Bond Proceeds	\$ 1,915,000	\$ 940,000	\$ 735,000	\$ 880,000	\$ 1,090,000	\$ 340,000	\$ 320,000	\$ 670,000	\$ 1,100,000	\$ 1,290,000
SUB-TOTAL	\$ 1,915,000	\$ 940,000	\$ 735,000	\$ 880,000	\$ 1,090,000	\$ 340,000	\$ 320,000	\$ 670,000	\$ 1,100,000	\$ 1,290,000
TOTAL REVENUES	\$ 6,456,264	\$ 5,187,264	\$ 5,192,333	\$ 5,469,693	\$ 5,816,021	\$ 5,206,438	\$ 5,331,066	\$ 5,830,030	\$ 6,413,463	\$ 6,761,500
EXPENSES										
<u>OPERATING</u>										
General Services	\$ 342,021	\$ 352,281	\$ 362,849	\$ 373,735	\$ 384,946	\$ 396,494	\$ 408,388	\$ 420,638	\$ 433,257	\$ 446,255
Equipment Services Operations	1,679,639	1,730,032	1,781,934	1,835,394	1,890,455	1,947,170	2,005,582	2,065,752	2,127,723	2,191,553
Fire Fleet Maintenance	314,205	323,632	333,341	343,341	353,641	364,252	375,180	386,436	398,029	409,971
Equipment Purchases	314,111	727,423	591,498	825,782	158,075	423,682	461,736	229,847	737,245	-
Fire Vehicles / Equipment	190,815	31,320	-	88,452	-	45,028	108,338	-	82,835	-
Police Vehicles / Equipment	227,779	560,099	608,480	667,070	371,034	160,240	102,949	56,700	79,000	-
SUB-TOTAL	\$ 3,068,570	\$ 3,724,787	\$ 3,678,102	\$ 4,133,774	\$ 3,158,151	\$ 3,336,866	\$ 3,462,173	\$ 3,159,373	\$ 3,858,089	\$ 3,047,779
<u>OTHER & RESERVES</u>										
Debt Servcie	\$ 448,414	\$ 340,921	\$ 323,256	\$ 285,842	\$ 268,675	\$ 222,037	\$ 181,356	\$ 176,094	\$ 170,609	\$ 115,922
Transfer to Capital Projects	849,000	-	-	-	-	-	-	-	-	-
Other	18,599	19,343	20,117	20,922	21,759	22,630	23,535	24,476	25,456	26,473
SUB-TOTAL	\$ 1,316,013	\$ 360,264	\$ 343,373	\$ 306,764	\$ 290,434	\$ 244,667	\$ 204,891	\$ 200,570	\$ 196,065	\$ 142,395

**FLEET SERVICES LONG RANGE PLAN
FY 2016/17 THROUGH FY 2025/26**

	<u>ADOPTED FY 2016/17</u>	<u>FY 2017/18</u>	<u>FY 2018/19</u>	<u>FY 2019/20</u>	<u>FY 2020/21</u>	<u>FY 2021/22</u>	<u>FY 2022/23</u>	<u>FY 2023/24</u>	<u>FY 2024/25</u>	<u>FY 2025/26</u>
<u>CAPITAL REPLACEMENT / PROJECTS</u>										
Capital Replacement / Projects	\$ 1,915,000	\$ 940,000	\$ 735,000	\$ 880,000	\$ 1,090,000	\$ 340,000	\$ 320,000	\$ 670,000	\$ 1,100,000	\$ 1,290,000
Future Debt	-	232,275	356,660	450,251	561,203	663,034	691,905	716,616	781,798	871,039
SUB-TOTAL	<u>\$ 1,915,000</u>	<u>\$ 1,172,275</u>	<u>\$ 1,091,660</u>	<u>\$ 1,330,251</u>	<u>\$ 1,651,203</u>	<u>\$ 1,003,034</u>	<u>\$ 1,011,905</u>	<u>\$ 1,386,616</u>	<u>\$ 1,881,798</u>	<u>\$ 2,161,039</u>
TOTAL EXPENSES	<u>\$ 6,299,583</u>	<u>\$ 5,257,326</u>	<u>\$ 5,113,135</u>	<u>\$ 5,770,789</u>	<u>\$ 5,099,788</u>	<u>\$ 4,584,567</u>	<u>\$ 4,678,969</u>	<u>\$ 4,746,559</u>	<u>\$ 5,935,952</u>	<u>\$ 5,351,213</u>
CHANGE IN FUND BALANCE	<u>\$ 156,681</u>	<u>\$ (70,062)</u>	<u>\$ 79,198</u>	<u>\$ (301,096)</u>	<u>\$ 716,234</u>	<u>\$ 621,871</u>	<u>\$ 652,097</u>	<u>\$ 1,083,471</u>	<u>\$ 477,512</u>	<u>\$ 1,410,287</u>
ESTIMATED ENDING BALANCE	<u>\$ 1,614,195</u>	<u>\$ 1,544,133</u>	<u>\$ 1,623,331</u>	<u>\$ 1,322,235</u>	<u>\$ 2,038,468</u>	<u>\$ 2,660,340</u>	<u>\$ 3,312,437</u>	<u>\$ 4,395,907</u>	<u>\$ 4,873,419</u>	<u>\$ 6,283,706</u>

Schedule 7
Major Capital Equipment Capital Projects
Budget Summary

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
199 - Cell Phone Signal Boosters in NRH Centre	98,000	0	0	0 \$	98,000
200 - Network Equipment Replacement	1,103,944	0	0	0 \$	1,103,944
201 - Replace/Enhance Dispatch Center Recording Equipment	196,171	0	0	0 \$	196,171
202 - Replacement of CAD/RMS Public Safety Software Platform	3,850,000	0	0	0 \$	3,850,000
203 - Replacement of the Fuel Management Software System	90,000	0	0	0 \$	90,000
204 - SCBA Air Pack Replacement	54,000	346,000	0	0 \$	400,000
205 - Teleworks Replacement for Online and VOIP Platforms	100,000	0	0	0 \$	100,000
Total Continuing Projects	\$ 5,492,115	\$ 346,000	\$ 0	\$ 0	\$ 5,838,115
New Projects					
206 - Aerial Fire Apparatus (1)	0	931,000	0	0 \$	931,000
207 - Aerial Fire Apparatus (2)	0	931,000	0	0 \$	931,000
208 - Enterprise Computer System Replacement	0	95,000	2,905,000	0 \$	3,000,000
209 - Fire Engine	0	556,000	0	0 \$	556,000
210 - Public Safety Technology	0	1,306,000	0	0 \$	1,306,000
211 - Replacement of Hand-Held Citation Writers and Citation Portable Printers	0	130,000	0	0 \$	130,000
Total New Projects	\$ 0	\$ 3,949,000	\$ 2,905,000	\$ 0	\$ 6,854,000
Total Project Costs	\$ 5,492,115	\$ 4,295,000	\$ 2,905,000	\$ 0	\$ 12,692,115
<u>Funding Sources</u>					
Certificates of Obligation					
Certificates of Obligation	0	1,915,000	0	0	1,915,000
Total Certificates of Obligation	\$ 0	\$ 1,915,000	\$ 0	\$ 0	\$ 1,915,000
Federal/State Grants					
Other	0	74,000	0	0	74,000
Federal Grant	71,171	0	0	0	71,171
Total Federal/State Grants	\$ 71,171	\$ 74,000	\$ 0	\$ 0	\$ 145,171
Reserves					
Equipment Services Fund	0	346,000	0	0	346,000
Information Services Reserve	1,415,944	251,000	0	0	1,666,944
Reserves	0	1,084,592	0	0	1,084,592
Unspecified Project Savings	31,000	0	0	0	31,000
Utility Fund	70,000	0	0	0	70,000
Total Reserves	\$ 1,516,944	\$ 1,681,592	\$ 0	\$ 0	\$ 3,198,536
Other					
Other	3,904,000	494,408	0	0	4,398,408
Court Technology Fund	0	130,000	0	0	130,000

Schedule 7
Major Capital Equipment Capital Projects
Budget Summary

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
To Be Determined	0	0	2,905,000	0	2,905,000
Total Other	\$ 3,904,000	\$ 624,408	\$ 2,905,000	\$ 0	\$ 7,433,408
Total Sources of Funds	\$ 5,492,115	\$ 4,295,000	\$ 2,905,000	\$ 0	\$ 12,692,115

Major Capital Equipment Capital Projects

Department	Project Title		Project Number			
Information Services	Cell Phone Signal Boosters in NRH Centre		IS1401			
Project Description						
This project will provide signal boosters for cellular phones in NRH Centre by installing a DAS (Distribution Antennae System) Network.						
Project Justification						
NRH Centre patrons and members experience either a weak or non-existent cell phone signal throughout the facility. It is theorized the building materials used to construct the facility interfere and block cell phone signals. NRHC staff receive complaints, on a daily basis, of the problems patrons are experiencing. The DAS network will provide the equipment for a continuous signal. This signal will be provided for the three major cell phone carriers-AT&T, Sprint & Verizon.						
Project funding sources are \$31,000 from project savings (\$14,000 from unspecified Park Project Savings and \$17,000 from unspecified Information Services), and \$67,000 from Information Services reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2013-14	\$98,000	
Engineering/Design			Total		\$98,000	
Land/ROW Acquisition						
Construction						
Other	10/2013	12/2016				
Total Schedule	10/2013	12/2016				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	98,000	0	0	0	\$98,000	
Sales Tax						
Other						
Total Funding	\$98,000	\$0	\$0	\$0	\$98,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	98,000	0	0	0	\$98,000	
Total Costs	\$98,000	\$0	\$0	\$0	\$98,000	
Operating Impact						
Hardware Maintenance.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$2,500	\$2,500	\$0	\$0	\$0	\$5,000
Total Operating Impact	\$2,500	\$2,500	\$0	\$0	\$0	\$5,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Network Equipment Replacement				IS1503	
Project Description						
Purchase and installation of network hardware and software for the new City Hall project. This project encompasses all costs associated with engineering, design, hardware staging (for configuration), data migration, voice version upgrades, installation, site configuration, project management, training and knowledge transfer to City staff. This project includes equipment for the main data server room, 10 intermediate data rooms, and all wireless connectivity to complete transition to the new facility. The system design of this project positions the City to meet the demands of continued changes and expansion of technology in the new facility.						
Project Justification						
This project is necessary to keep the City's network infrastructure functional and operational in a continuous uninterrupted state.						
Note: Funding source is Information Services Reserves						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$1,103,944	
Engineering/Design			Total		\$1,103,944	
Land/ROW Acquisition						
Construction						
Other	10/2014	12/2016				
Total Schedule	10/2014	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	1,103,944	0	0	0	\$1,103,944	
Sales Tax						
Other						
Total Funding	\$1,103,944	\$0	\$0	\$0	\$1,103,944	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	1,103,944	0	0	0	\$1,103,944	
Total Costs	\$1,103,944	\$0	\$0	\$0	\$1,103,944	
Operating Impact						
No operating impact is anticipated						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects

Department	Project Title	Project Number
Police	Replace/Enhance Dispatch Center Recording Equipment	IS1501

Project Description
 Replace and upgrade audio logging recorder in Public Safety Communications. Statutes mandate that all 9-1-1 telephone calls as well as radio traffic be recorded and maintained for a specific time frame. The current system is outdated and no longer compatible with the advanced operating systems in use by the Dispatch center.

Project Justification
 As the radio equipment transitions to P25 compliant digital specifications, newer technology recording loggers are necessary to insure we are compliant with laws governing recording and retention. Additionally, the dispatch consoles do not currently have an instant playback capability which should be available to enhance fire fighter and police officer safety. This feature will be included in the replacement equipment. The last replacement/enhancement of the Dispatch recording equipment was in 2005/2006.

 Funding source is Information Services Reserves

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2014-15	\$125,000
Engineering/Design			Revision	2014-15	\$71,171
Land/ROW Acquisition			Total		\$196,171
Construction					
Other	10/2014	12/2016			
Total Schedule	10/2014	12/2016			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	71,171	0	0	0	\$71,171
Reserves	125,000	0	0	0	\$125,000
Sales Tax					
Other					
Total Funding	\$196,171	\$0	\$0	\$0	\$196,171

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	196,171	0	0	0	\$196,171
Total Costs	\$196,171	\$0	\$0	\$0	\$196,171

Operating Impact
 Hardware and software maintenance.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$12,000	\$12,000	\$12,000	\$0	\$0	\$36,000
Total Operating Impact	\$12,000	\$12,000	\$12,000	\$0	\$0	\$36,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Replacement of CAD/RMS Public Safety Software Platform				IS1502	
Project Description						
Replacement of the current CAD/RMS software platform (CRIMES) with a different software and vendor.						
Project Justification						
<p>The current software (CRIMES) is not meeting the needs for Public Safety. CRIMES has proven to be improperly developed and this poor development becomes apparent when the end-users attempt to use the software. Typically, the fixes from CRIMES are implemented and tend to cause more issues for the user. The problematic software platform causes problems for all users involved in the Joint Dispatch project-North Richland Hills, Richland Hills, Watauga, and Haltom City.</p> <p>Currently, staff from all of the participating cities are working to develop an RFP searching for a new software platform. This RFP should be available to potential vendors in May 2014 with the selection process/software demos taking place during the summer months. Contractual negotiations and pricing quotes should be ready for evaluation by staff the 4th quarter of the calendar year.</p> <p>One of the requirements of the RFP will be for the selected vendor to offer a leasing agreement for the software platform.</p> <p>The lease/purchase cost(s) of this project is to be shared by all member cities of the Joint Dispatch Project.</p> <p>The funding source for this project is Certificates of Obligation.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2014-15	\$4,000,000	
Engineering/Design			Revision	2014-15	(\$150,000)	
Land/ROW Acquisition			Total		\$3,850,000	
Construction						
Other	10/2014	12/2016				
Total Schedule	10/2014	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	3,850,000	0	0	0	\$3,850,000	
Total Funding	\$3,850,000	\$0	\$0	\$0	\$3,850,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	3,850,000	0	0	0	\$3,850,000	
Total Costs	\$3,850,000	\$0	\$0	\$0	\$3,850,000	
Operating Impact						
Software Platform Maintenance.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$210,000	\$220,000	\$230,000	\$0	\$0	\$660,000
Total Operating Impact	\$210,000	\$220,000	\$230,000	\$0	\$0	\$660,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Replacement of the Fuel Management Software System				IS1402	
Project Description						
Replace fuel management software program and related hardware components at Fire Stations 3 and 4, and the Service Center complex.						
Project Justification						
The vendor is phasing out the current software system and maintenance/support will no longer be available. The age and condition of the software system have resulted in on-going maintenance issues for the Information Services and Fleet Services Departments. The new system will be directly connected to the City's data network. With the current system, there has always been concern by Staff with data integrity due to reliability of the obsolete hardware and software. All historical data will be retained in the new system.						
Project funding source is Information Systems Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2013-14	\$90,000	
Engineering/Design			Total		\$90,000	
Land/ROW Acquisition						
Construction						
Other	10/2013	12/2016				
Total Schedule	10/2013	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	90,000	0	0	0	\$90,000	
Sales Tax						
Other						
Total Funding	\$90,000	\$0	\$0	\$0	\$90,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	90,000	0	0	0	\$90,000	
Total Costs	\$90,000	\$0	\$0	\$0	\$90,000	
Operating Impact						
Maintenance of Hardware/Software.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$3,800	\$3,800	\$0	\$0	\$0	\$7,600
Total Operating Impact	\$3,800	\$3,800	\$0	\$0	\$0	\$7,600

Major Capital Equipment Capital Projects

Department			Project Title				Project Number
Fire			SCBA Air Pack Replacement				FD1501
Project Description							
<p>The NRH Fire Department is seeking to replace all of its SCBA air packs with an extra cylinder for each unit. In addition to the air packs - face pieces, Rapid Intervention Team (RIT) SCBA assemblies, and a comprehensive accountability system are also needed. These air packs will be placed in service on all of our apparatus and each member will receive their own face mask with heads up display and communication capabilities. The department will place the RIT bags on each front line apparatus. New SCBAs will employ a comprehensive accountability system controllable from the Command Unit.</p>							
Project Justification							
<p>Most of the SCBA units exceed ten years in age and fail to even meet 2002 NFPA standards. Additionally, the majority of the SCBA will have reached the end of their life cycle and require replacement by January 2018. The replacement of face masks, accountability system and RIT bags are all to conform to the new air packs and not only comply with the latest standards but take advantage of safety enhancements provided through updated technology. The procurement of new SCBA equipment will enhance service delivery during fire ground operations, provide for the safety of our firefighters and maintain compliance with NFPA safety standards. It will also improve efficiency and effectiveness of operations and lower maintenance costs. The equipment must be replaced by January 2018 as it will have reached the end of its life cycle.</p> <p>Note: Reserve Funding for FY16/17 is identified as Equipment Services Reserves.</p>							
Project Schedule							
	Beginning Date	Ending Date	History	Fiscal Year	Amount		
Professional Services			Adopted Budget	2014-15	\$400,000		
Engineering/Design			Total		\$400,000		
Land/ROW Acquisition							
Construction							
Other	10/2016	09/2017					
Total Schedule	10/2016	09/2017					
Sources of Funds							
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds							
Certificates of Obligation							
Federal/State Grants							
Reserves	0	346,000	0	0	\$346,000		
Sales Tax							
Other	54,000	0	0	0	\$54,000		
Total Funding	\$54,000	\$346,000	\$0	\$0	\$400,000		
Project Costs							
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services							
Engineering/Design							
Land/ROW Acquisition							
Construction							
Other	54,000	346,000	0	0	\$400,000		
Total Costs	\$54,000	\$346,000	\$0	\$0	\$400,000		
Operating Impact							
<p>No significant change is expected to the Operating Budget for maintenance over and above what is already accounted for. Considerations must be made for parts and maintenance not covered under warranty, replacement for equipment lost or damaged beyond repair, and required yearly inspections. With that said, due to the nature of the equipment's use, there is always potential for impact on the operating budget .</p>							
Fiscal Year							
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0	
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0	

Major Capital Equipment Capital Projects

Department	Project Title		Project Number			
Information Services	Teleworks Replacement for Online and VOIP Platforms		IS1203			
Project Description						
This replacement will enhance all of the current IVR platforms used currently by the City.						
Project Justification						
<p>This is a replacement to our current IVR (interactive voice response) payment system currently being used by the three departments. The system will continue to use automated calling mechanisms to call our water customers concerning past due bills, urgent city notifications (service interruptions), and the ability for our customers to access their accounts, balance inquiries, and FAQs. The Courts module will continue to allow our citizens to call in for court status, enter a plea, and make payments. In addition, the new system will allow Municipal Courts to automatically call out with schedule changes and warrant notification. All phone and internet transactions such as payments, pleas and schedule changes will be posted immediately without delays due to processing at night. All modules interface directly with HTE and Incode.</p> <p>Reserves in the amount of \$70,000 is from Utility Fund Reserves and the remaining \$30,000 is from Information Services Fund Reserves.</p>						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$130,000	
Engineering/Design			Revision	2014-15	(\$30,000)	
Land/ROW Acquisition			Total		\$100,000	
Construction						
Other	03/2012	12/2016				
Total Schedule	03/2012	12/2016				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	100,000	0	0	0	\$100,000	
Sales Tax						
Other	0	0	0	0	\$0	
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	100,000	0	0	0	\$100,000	
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000	
Operating Impact						
Maintenance costs from vendor.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Fleet Services	Aerial Fire Apparatus (1)				FS1701	
Project Description						
This project is for the purchase of a 107' Aerial Fire Apparatus. This purchase will replace Unit 974, an American LaFrance 100' aerial platform.						
Project Justification						
This purchase will replace Unit 974. The replacement for this aerial device purchased in 2017 will be 12-years due to these units not rotating into reserve status. The resale of Unit 974 is expected to be approximately \$247,848						
Funding - Certificates of Obligation, Fleet Reserves, and Other (sale of Unit 974).						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$931,000	
Engineering/Design	10/2016	12/2016	Total		\$931,000	
Land/ROW Acquisition						
Construction	01/2017	01/2018				
Other						
Total Schedule	10/2016	01/2018				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	680,000	0	0	\$680,000	
Federal/State Grants						
Reserves	0	3,152	0	0	\$3,152	
Sales Tax						
Other	0	247,848	0	0	\$247,848	
Total Funding	\$0	\$931,000	\$0	\$0	\$931,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	931,000	0	0	\$931,000	
Total Costs	\$0	\$931,000	\$0	\$0	\$931,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects

Department	Project Title	Project Number
Fleet Services	Aerial Fire Apparatus (2)	FS1702

Project Description

This project is for the purchase of a 107" Aerial Fire Apparatus. This piece of equipment will replace Unit 981, a 77' Tandem Axle Quint.

Project Justification

This purchase will replace Unit 981. The replacement for this aerial device purchased in 2017 will be 12-years due to these units not rotating into reserve status. The resale of Unit 981 is expected to be approximately \$218,960.

Funding - Certificates of Obligation Fleet Reserves and Other (the sale of Unit 981).

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2016-17	\$931,000
Engineering/Design	10/2016	12/2016	Total		\$931,000
Land/ROW Acquisition					
Construction	01/2017	01/2018			
Other					
Total Schedule	10/2016	01/2018			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	710,000	0	0	\$710,000
Federal/State Grants					
Reserves	0	2,040	0	0	\$2,040
Sales Tax					
Other	0	218,960	0	0	\$218,960
Total Funding	\$0	\$931,000	\$0	\$0	\$931,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	0	931,000	0	0	\$931,000
Total Costs	\$0	\$931,000	\$0	\$0	\$931,000

Operating Impact

No operating impact anticipated.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Enterprise Computer System Replacement				IT1701	
Project Description						
This project is for the purchase and replacement of the current enterprise computer system serving the city of North Richland Hills.						
Project Justification						
Replacing the enterprise computer system will help departments become more efficient.						
Note : FY 2016-2017 funding from Information Technology Reserves. Future funding source to be determined.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$95,000	
Engineering/Design			Total		\$95,000	
Land/ROW Acquisition						
Construction						
Other	10/2016	09/2019				
Total Schedule	10/2016	09/2019				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	95,000	0	0	\$95,000	
Sales Tax						
Other	0	0	2,905,000	0	\$2,905,000	
Total Funding	\$0	\$95,000	\$2,905,000	\$0	\$3,000,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	0	95,000	0	0	\$95,000	
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	0	2,905,000	0	\$2,905,000	
Total Costs	\$0	\$95,000	\$2,905,000	\$0	\$3,000,000	
Operating Impact						
Operating impact will be determined at a future date when new system is implemented.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects

Department			Project Title			Project Number
Fleet Services			Fire Engine			FS1703
Project Description						
This is the replacement of a 1997 aerial quint, Unit 945, assigned to the Fire Department. The replacement of this equipment will be a fire engine.						
Project Justification						
The normal replacement life for large fire apparatus is 20 years. The new aerial will replace an E-1 quint that will be 21 years old when taken out of service. Unit 945 has over 120,000 miles. Due to age of the apparatus, maintenance costs are increasing and parts availability is becoming more difficult.						
Funding source is Certificates of Obligation along with Fleet Reserves and Other in the form of the resale value from Unit 945.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2016-17	\$556,000		
Engineering/Design	10/2016	12/2016	Total	\$556,000		
Land/ROW Acquisition						
Construction	01/2017	01/2018				
Other						
Total Schedule	10/2016	01/2018				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	0	525,000	0	0	\$525,000	
Federal/State Grants						
Reserves	0	3,400	0	0	\$3,400	
Sales Tax						
Other	0	27,600	0	0	\$27,600	
Total Funding	\$0	\$556,000	\$0	\$0	\$556,000	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	556,000	0	0	\$556,000	
Total Costs	\$0	\$556,000	\$0	\$0	\$556,000	
Operating Impact						
No operating impact anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Public Safety Technology				IT1702	
Project Description						
Upgrade and replace the current mobile video in-car systems, servers and data storage. Currently, 50 patrol units have video systems installed. This project also includes the purchase of body cameras and video data storage for police department, as well as the replacement of MDC's for the Police Department. This project will also include the replacement of 25 mobile data computers for the Fire Department. The units were purchased in 2008 and maintenance can no longer be obtained. This project includes replacing the units and installation of the docking stations.						
Project Justification						
Racial Profiling reporting requirements as well as the evidentiary value provided by the in-car video system to the courts is an integral tool for today's law enforcement departments. Citizen interactions are recorded and can be viewed for complaint investigation or training purposes. The new release of the equipment will also provide the latest innovation of live streaming video from the police vehicle back to the station for supervisors or commanders to monitor. Current in-car video system has reached end-of-life (by 2 years) and manufacturer/vendor will not warranty any software and hardware.						
The current Fire MDC units have achieved end-of-life status. These units are used by Fire Department vehicles for receiving dispatched calls, entering incident records, and inspections. This purchase also includes a five year warranty on the units.						
Funding Source is Reserves at \$1,076,000; Information Technology Reserves for the Fire MDCs at \$156,000 as well as a grant from the Governor's Office.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$1,306,000	
Engineering/Design			Total		\$1,306,000	
Land/ROW Acquisition						
Construction						
Other	10/2016	09/2017				
Total Schedule	10/2016	09/2017				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	74,000	0	0	\$74,000	
Reserves	0	1,232,000	0	0	\$1,232,000	
Sales Tax						
Other						
Total Funding	\$0	\$1,306,000	\$0	\$0	\$1,306,000	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	1,306,000	0	0	\$1,306,000	
Total Costs	\$0	\$1,306,000	\$0	\$0	\$1,306,000	
Operating Impact						
Software and hardware maintenance.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000
Total Operating Impact	\$0	\$35,000	\$35,000	\$35,000	\$35,000	\$140,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Replacement of Hand-Held Citation Writers and Citation Portable Printers				IT1703	
Project Description						
Replacement of 50 hand-held tickets writers and 50 portable ticket printers.						
Project Justification						
Hand-held ticket writers are at end-of-life. The current ticket writers are used on a daily basis. Although the ticket writers are ruggedized they are frequently sent to the manufacturers for repair.						
Fiscal Year 2015-2016 is the last year the City will be able to carry hardware maintenance.						
This project is for hardware only.						
Other Funding is Court Technology.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2016-17	\$130,000	
Engineering/Design			Total		\$130,000	
Land/ROW Acquisition						
Construction						
Other	01/2017	04/2017				
Total Schedule	01/2017	04/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	0	130,000	0	0	\$130,000	
Total Funding	\$0	\$130,000	\$0	\$0	\$130,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	130,000	0	0	\$130,000	
Total Costs	\$0	\$130,000	\$0	\$0	\$130,000	
Operating Impact						
Hardware maintenance for ticket writers.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$30,000	\$30,000	\$30,000	\$30,000	\$240,000

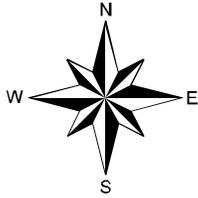
NRH

Schedule 8 Economic Development Capital Projects Budget Summary

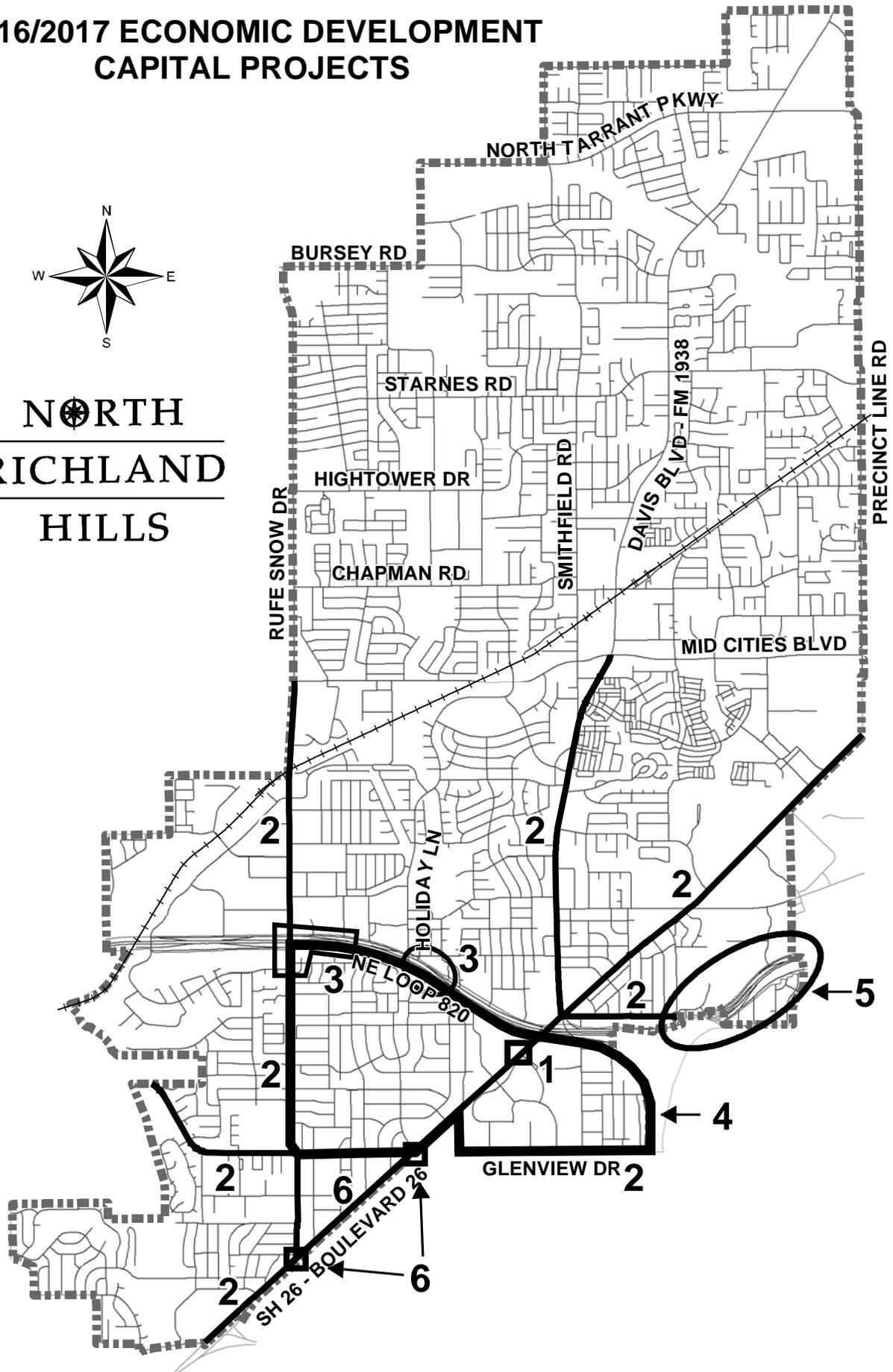
Pg. No.	Map ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
Project Costs						
Continuing Projects						
217	1	Boulevard 26 Intersection Imp. (@ Rodger Line Rd.)	450,000	0	0	0 \$ 450,000
219	2	Business Improvement and Growth (BIG) Program	250,000	0	0	0 \$ 250,000
221	-	City Point Infrastructure	2,596,070	0	0	0 \$ 2,596,070
223	3	Loop 820 Redevelopment 2010	1,595,572	0	0	0 \$ 1,595,572
225	-	Loop 820 Redevelopment 2016	6,500,000	0	0	0 \$ 6,500,000
227	4	Neighborhood Revitalization Program (NRP)	206,184	100,000	0	0 \$ 306,184
229	5	SH 121/183 & Bedford-Euleess Road Access Plan	100,000	0	0	0 \$ 100,000
231	-	Sign Removal Assistance Program	50,000	0	0	0 \$ 50,000
233	6	TIF 1 Expansion - Intersection Improvements/Utility Burial	3,000,000	0	0	0 \$ 3,000,000
234	-	TOD Land Management	1,200,000	0	0	0 \$ 1,200,000
Total Continuing Projects			\$ 15,947,826	\$ 100,000	\$ 0	\$ 0 \$ 16,047,826
Total Project Costs			\$ 15,947,826	\$ 100,000	\$ 0	\$ 0 \$ 16,047,826
Funding Sources						
Certificates of Obligation						
		Certificates of Obligation	3,000,000	0	0	0 3,000,000
Total Certificates of Obligation			\$ 3,000,000	\$ 0	\$ 0	\$ 0 \$ 3,000,000
Reserves						
		General Fund Balance	0	100,000	0	0 100,000
		General Fund Pay-As-You-Go Reserves	50,000	0	0	0 50,000
		Reserves	7,781,070	0	0	0 7,781,070
		General Fund Designated Reserves	1,200,000	0	0	0 1,200,000
		Sales Tax Reserve for Economic Development	100,000	0	0	0 100,000
		Gas Fund Reserves (Designated for ED Activities)	1,369,097	0	0	0 1,369,097
Total Reserves			\$ 10,500,167	\$ 100,000	\$ 0	\$ 0 \$ 10,600,167
Sales Tax						
		Sales Tax Reserve for Economic Development	450,000	0	0	0 450,000
Total Sales Tax			\$ 450,000	\$ 0	\$ 0	\$ 0 \$ 450,000
Other						
		Other	1,571,184	0	0	0 1,571,184
		Commercial Loan	426,475	0	0	0 426,475
Total Other			\$ 1,997,659	\$ 0	\$ 0	\$ 0 \$ 1,997,659
Total Sources of Funds			\$ 15,947,826	\$ 100,000	\$ 0	\$ 0 \$ 16,047,826

NRH

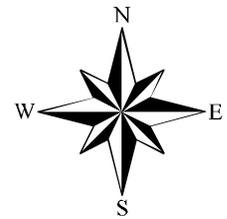
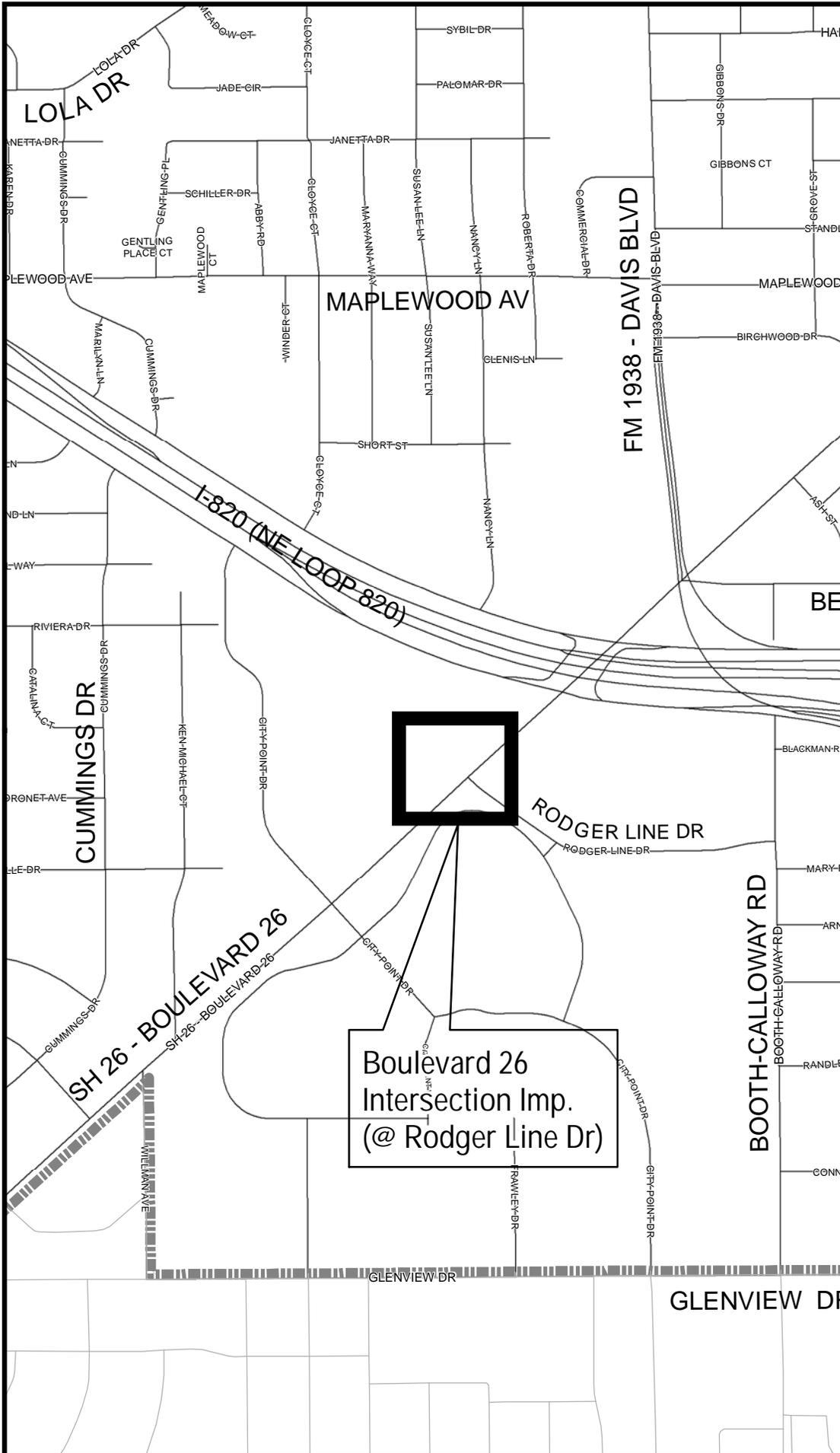
2016/2017 ECONOMIC DEVELOPMENT CAPITAL PROJECTS



NORTH RICHLAND HILLS

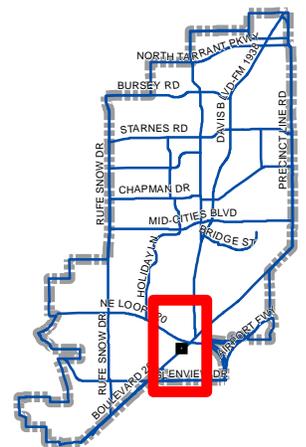


Boulevard 26 Intersection Imp. (@ Rodger Line Dr)



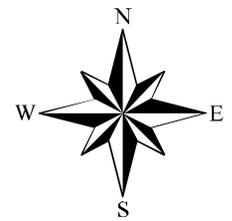
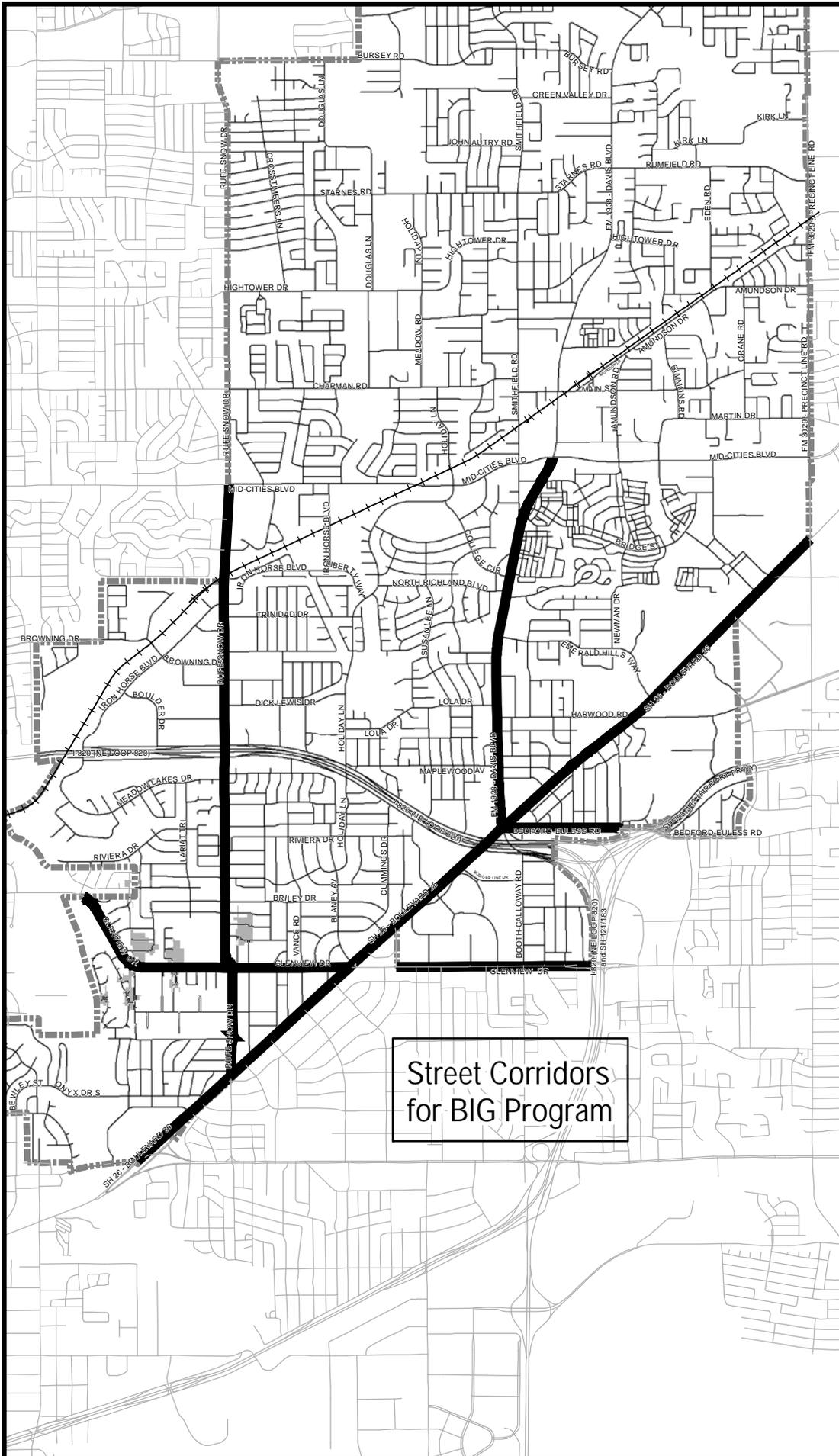
NORTH RICHLAND HILLS

Project Locator Map



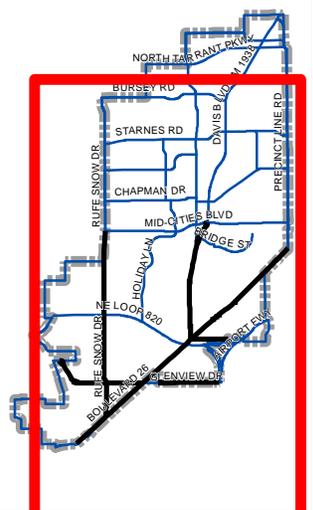
Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Boulevard 26 Intersection Imp. (@ Rodger Line Rd.)				ED0803	
Project Description						
This project will consist of making improvements to the intersection of Boulevard 26 and Rodger Line Rd. This location represents a portion of an overall branding and marketing communication strategy planned for the section of Boulevard 26 South of Loop 820. The improvements planned at this intersection include aesthetic improvements approved by the North Richland Hills Oversight Committee including landscaping and streetscaping. This is a cooperative effort between the Public Works Department, Planning & Inspections Department and Economic Development Department.						
Project Justification						
These intersection improvements are recommended as part of the South Grapevine Corridor Highway Study to stimulate private development within this corridor. This intersection was chosen because of its location near the intersection of Loop 820, which is the gateway to the south Boulevard 26 corridor. This intersection serves as a major entry to the Calloway Creek Commercial Area which includes the North Hills Hospital and the new Calloway Creek Medical Office Building. Intersection improvements at Rodger Line will also introduce new streetscape elements to encourage redevelopment of the Calloway Creek Commercial Area. The City's cost is proposed to be funded by the Economic Development Reserve portion of the Parks and Recreation Facilities Development Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2007-08	\$450,000	
Engineering/Design	09/2016	02/2017	Total		\$450,000	
Land/ROW Acquisition						
Construction	04/2017	04/2018				
Other						
Total Schedule	09/2016	04/2018				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	450,000	0	0	0	\$450,000	
Other						
Total Funding	\$450,000	\$0	\$0	\$0	\$450,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design	75,000	0	0	0	\$75,000	
Land/ROW Acquisition						
Construction	375,000	0	0	0	\$375,000	
Other						
Total Costs	\$450,000	\$0	\$0	\$0	\$450,000	
Operating Impact						
Minimal operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Business Improvement and Growth (BIG) Program



NORTH RICHLAND HILLS

Project Locator Map

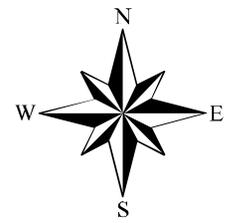
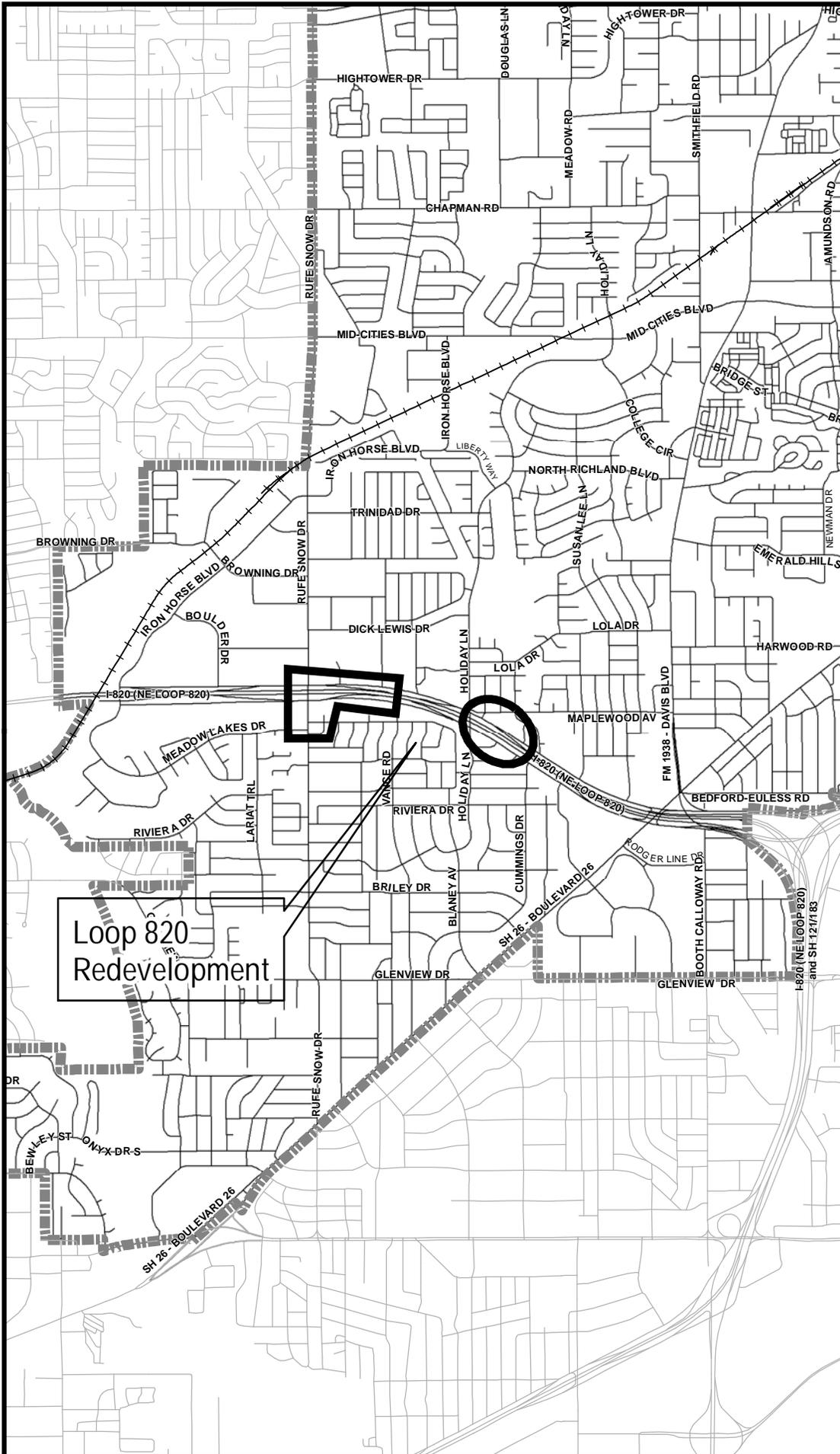


Street Corridors
for BIG Program

NRH

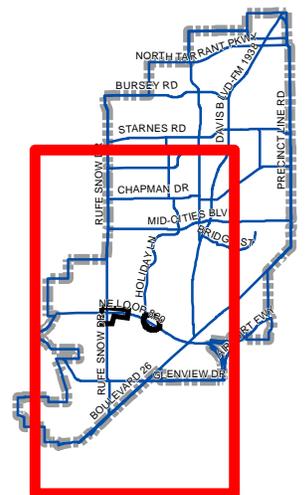
Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	City Point Infrastructure				ED1601	
Project Description						
Establishment of the City Point Infrastructure Project.						
Project Justification						
This project is to establish necessary infrastructure for the City Point area.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2015	09/2017	Proposed	2015-16	\$2,596,070	
Engineering/Design			Total		\$2,596,070	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	10/2015	09/2017				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	2,596,070	0	0	0	\$2,596,070	
Sales Tax						
Other						
Total Funding	\$2,596,070	\$0	\$0	\$0	\$2,596,070	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition	2,596,070	0	0	0	\$2,596,070	
Construction						
Other						
Total Costs	\$2,596,070	\$0	\$0	\$0	\$2,596,070	
Operating Impact						
None						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Loop 820 Redevelopment



NORTH RICHLAND HILLS

Project Locator Map



Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Loop 820 Redevelopment 2010	ED1002

Project Description
 The North Tarrant Express is bringing added attention and interest from the commercial development community at this key North Richland Hills intersection. This project will provide the ability to optimize accessibility and dictate uses with an emphasis on quality and impact to community. The construction costs associated with creating left turn access from southbound Rufe Snow via Corona into the southeast corner of Rufe Snow & Loop 820 is also included.

Project Justification
 To optimize transportation access while controlling future development, the City stands to benefit through the following:

1. Increase in sales tax revenues.
2. Increase in property tax revenues.
3. Potential increase in hotel tax revenues.
4. Indirect positive impact to other commercial areas within the vicinity.
5. Provide NRH citizens with a high quality development.

Note: Reserves funding is from the Gas Development Fund Reserves designated for Economic Development. "Other" funding is a commercial loan which will be repaid from the Gas Development Fund Reserves - General Purpose.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	12/2010	09/2016	Adopted Budget	2009-10	\$1,937,938
Engineering/Design			Revision	2011-12	\$150,000
Land/ROW Acquisition	11/2009	02/2017	Revision	2012-13	(\$61,000)
Construction			Revision	2014-15	(\$431,366)
Other			Total		\$1,595,572
Total Schedule	11/2009	02/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	1,169,097	0	0	0	\$1,169,097
Sales Tax					
Other	426,475	0	0	0	\$426,475
Total Funding	\$1,595,572	\$0	\$0	\$0	\$1,595,572

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	100,000	0	0	0	\$100,000
Engineering/Design					
Land/ROW Acquisition	1,345,572	0	0	0	\$1,345,572
Construction	150,000	0	0	0	\$150,000
Other					
Total Costs	\$1,595,572	\$0	\$0	\$0	\$1,595,572

Operating Impact
 Minimal operating impact expected

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Loop 820 Redevelopment 2016	ED1602

Project Description
 With the North Tarrant Express finalized, continued interest from potential businesses bring a need to facilitate high quality uses along the south side of the 820 corridor, just east of Rufe Snow.

Project Justification
 This project will allow the city the ability to attract quality positive full service restaurants to the community.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Proposed	2015-16	\$6,500,000
Engineering/Design			Total		\$6,500,000
Land/ROW Acquisition					
Construction					
Other	01/2016	12/2016			
Total Schedule	01/2016	12/2016			

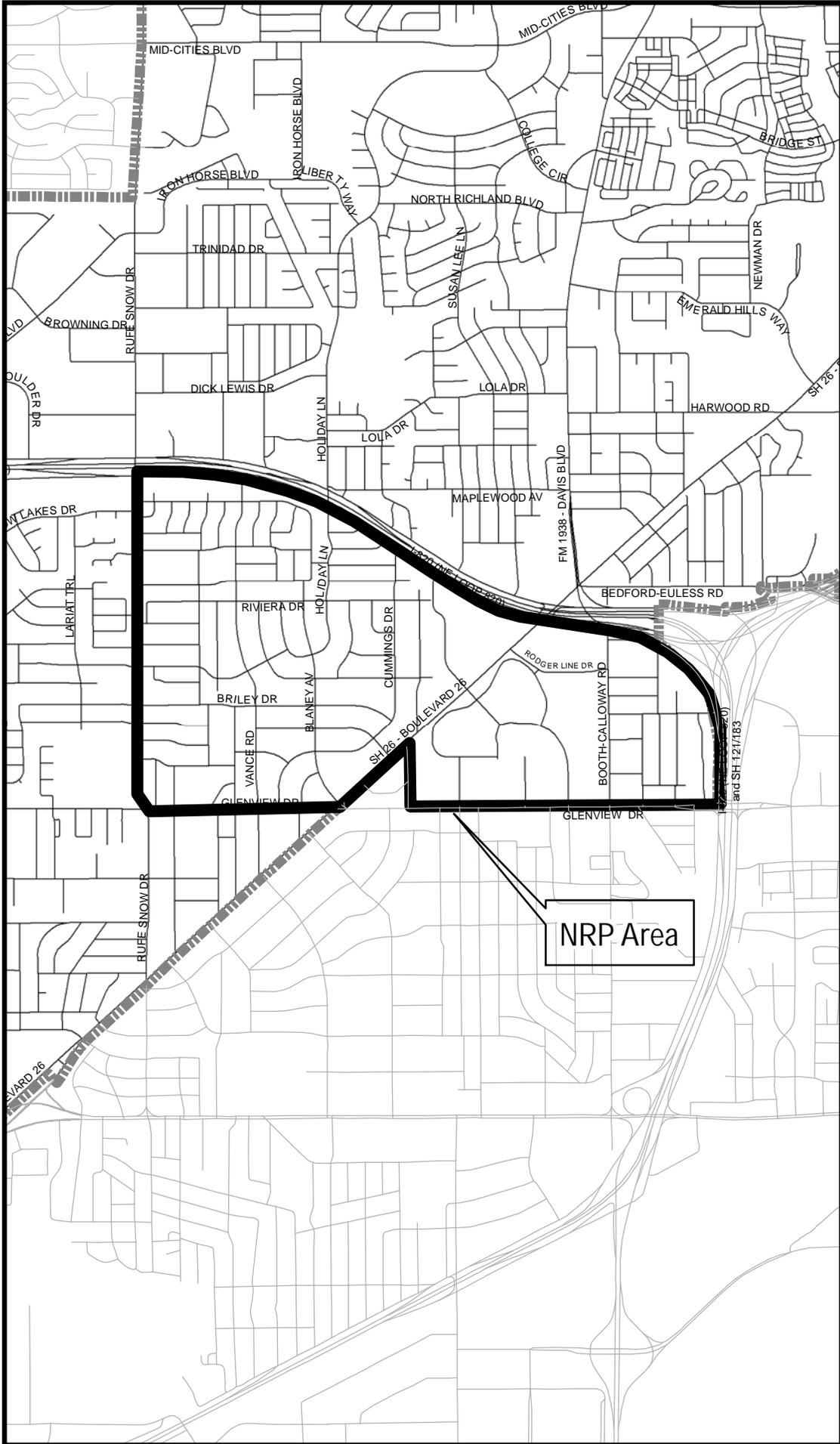
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	5,185,000	0	0	0	\$5,185,000
Sales Tax					
Other	1,315,000	0	0	0	\$1,315,000
Total Funding	\$6,500,000	\$0	\$0	\$0	\$6,500,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	6,500,000	0	0	0	\$6,500,000
Total Costs	\$6,500,000	\$0	\$0	\$0	\$6,500,000

Operating Impact
 None

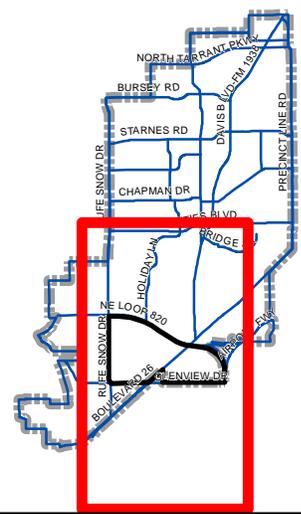
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Neighborhood Revitalization Program (NRP)



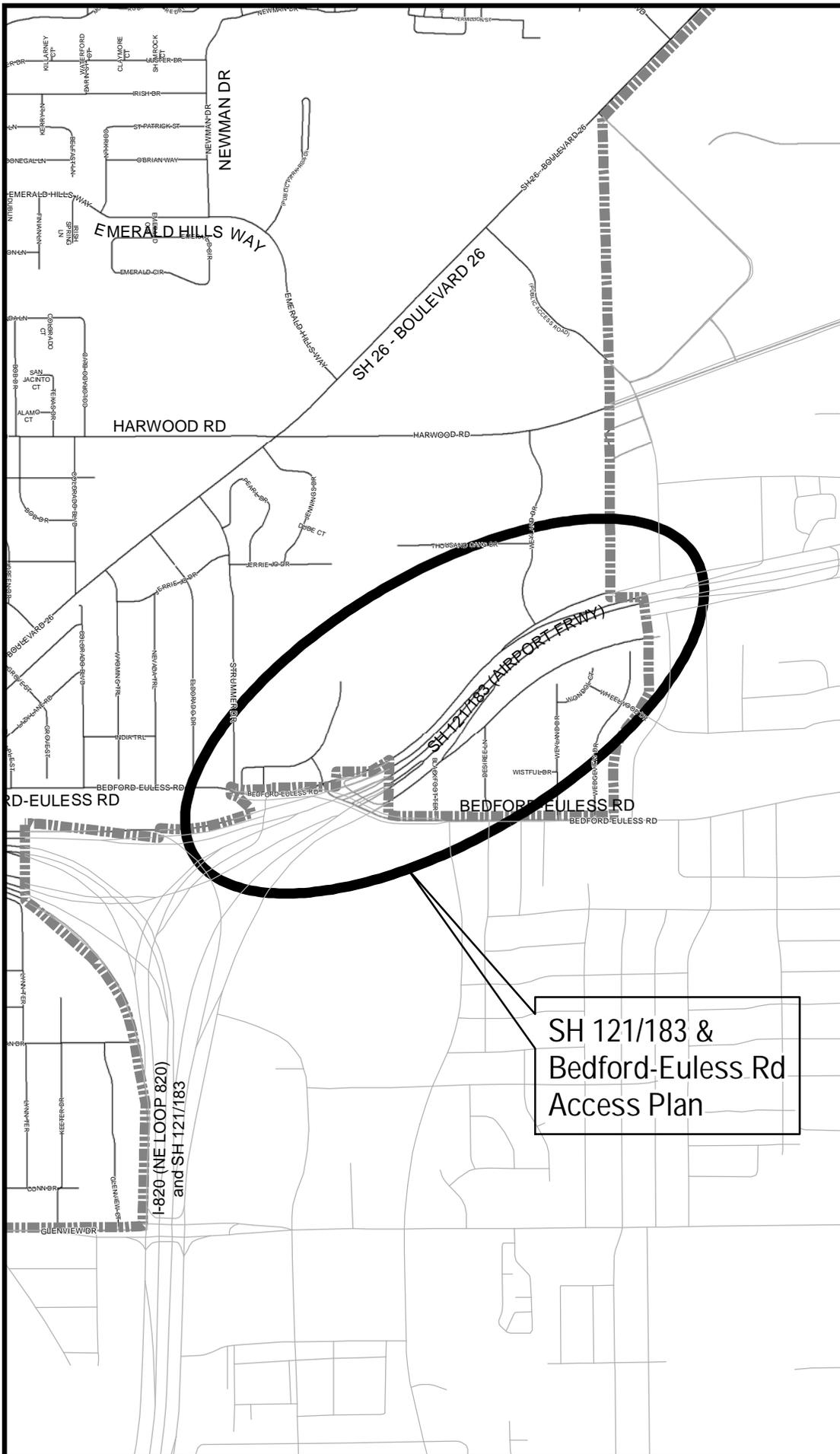
NORTH RICHLAND HILLS

Project Locator Map



Economic Development Capital Projects						
Department	Project Title				Project Number	
City Manager	Neighborhood Revitalization Program (NRP)				ED1501	
Project Description						
<p>The Neighborhood Revitalization Program (NRP) is designed to revitalize neighborhoods by renovating single-family, owner-occupied homes in a target zone. By renovating homes, the program will not only boost property values in these neighborhoods, but also provide interested single-family home buyers the opportunity to purchase an updated and safe home that they can be proud to own at a reasonable price. This program aims to give such neighborhoods a "facelift" while continuing to attract responsible citizens.</p> <p>This program provides a twenty percent (20%) grant of up to \$10,000 for the completion of well-designed home renovations that make a home more aesthetically pleasing and inspire the continued community growth of the neighborhoods in the program's initial target zone. Both contractors "flipping" homes and residents who currently own homes qualify for this incentive.</p>						
Project Justification						
<p>This project is working toward City Council's goal of Quality Community Development and Revitalization. By offering this incentive to both contractors and current residents, the Neighborhood Revitalization Program encourages redevelopment and home-ownership in the more mature residential areas in the City.</p> <p>As of July 2016, one year since program inception there are 15 approved projects with an 90% average increase in home value, totaling \$1,050,000 or \$70,000 per home. Staff receives approximately 3 program inquiries per month and estimates using 100% of the initial project funds by October 2016. Therefore there is a request for an additional \$100,000 to fully fund FY 2016-2017.</p> <p>Note: Reserve Funding for FY16/17 is identified as a transfer from the General Fund.</p>						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2014-15	\$206,184		
		Adopted Budget	2016-17	\$100,000		
		Total		\$306,184		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	02/2015	09/2017				
Other						
Total Schedule	02/2015	09/2017				
Sources of Funds						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	100,000	0	0	\$100,000	
Sales Tax						
Other	206,184	0	0	0	\$206,184	
Total Funding	\$206,184	\$100,000	\$0	\$0	\$306,184	
Project Costs						
To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost		
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	206,184	100,000	0	0	\$306,184	
Other						
Total Costs	\$206,184	\$100,000	\$0	\$0	\$306,184	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

SH 121/183 & Bedford-Eules Rd Access Plan

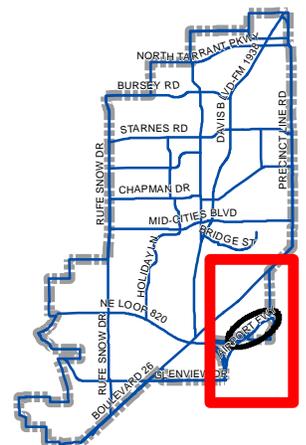


SH 121/183 &
Bedford-Eules Rd
Access Plan



NORTH
RICHLAND
HILLS

Project Locator Map



Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	SH 121/183 & Bedford-Eules Road Access Plan	ED1001

Project Description
 A small but significant amount of NRH falls along SH 121/183 portion of the North Tarrant Express. Current conditions warrant the City to re-examine suboptimal access to adjoining highways, internal site circulation and site connectivity for 65 acres of commercial property along Bedford-Eules Road that straddles SH 121/183. The goal of this project is to improve transportation access and mobility that fosters an increase in taxable sales and property value. Ultimately this project will provide TxDot the necessary impact analysis and geometric alternative designs for the North Tarrant Express, as well as site plan alternatives to commercial property owners eager for City guidance and direction.

Project Justification
 Over time, this area has experienced declines in retail occupancy, taxable sales and appraised property values. Access is considered the major source for this decline. The only exit, westbound Bedford-Eules along SH 121/183 is slated to move further east, while access from the east and south is to remain non-existent.
 The North Tarrant Express project provides a one-time opportunity to improve existing conditions and prevent further deterioration.
 Note: Source of funding is from Economic Development Sales Tax reserves.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2009	09/2017	Adopted Budget	2009-10	\$50,000
Engineering/Design			Revision	2010-11	\$50,000
Land/ROW Acquisition			Total		\$100,000
Construction					
Other					
Total Schedule	10/2009	09/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	100,000	0	0	0	\$100,000
Sales Tax					
Other					
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	50,000	0	0	0	\$50,000
Engineering/Design	50,000	0	0	0	\$50,000
Land/ROW Acquisition					
Construction					
Other					
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000

Operating Impact
 No operating impact is anticipated for this project

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Sign Removal Assistance Program	PW0402

Project Description

This project assists North Richland Hills businesses who voluntarily choose to remove their non-conforming signs. This project is a cooperative effort between the Planning and Development Department and the Economic Development Department.

Project Justification

Supports the 2001 City Image Study that details issues concerning visual clutter along the City's thoroughfares. In response, the City Council adopted a program that assists the voluntary removal of non-conforming signs in the 2003-2004 Capital Improvement Budget. Business owners are not required to remove their signs; however, they may opt for city assistance should they choose to do so. In concert with the Business Improvement and Growth (BIG) program, business owners can partner with the City on each site-specific project by contacting or working with staff for inclusion in the Sign Removal Assistance Program. New business owners cannot modify or change their non-conforming signs except under very limited conditions.

For eligible BIG program participants, the maximum sign removal assistance provided is \$2,000 per program participant.

Note: The source of funds originate from the General Fund 'pay-as-you-go' reserve.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2003-04	\$20,000
Engineering/Design			Revision	2007-08	\$20,000
Land/ROW Acquisition			Revision	2009-10	\$10,000
Construction			Total		\$50,000
Other	10/2003	10/2017			
Total Schedule	10/2003	10/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	50,000	0	0	0	\$50,000
Sales Tax					
Other					
Total Funding	\$50,000	\$0	\$0	\$0	\$50,000

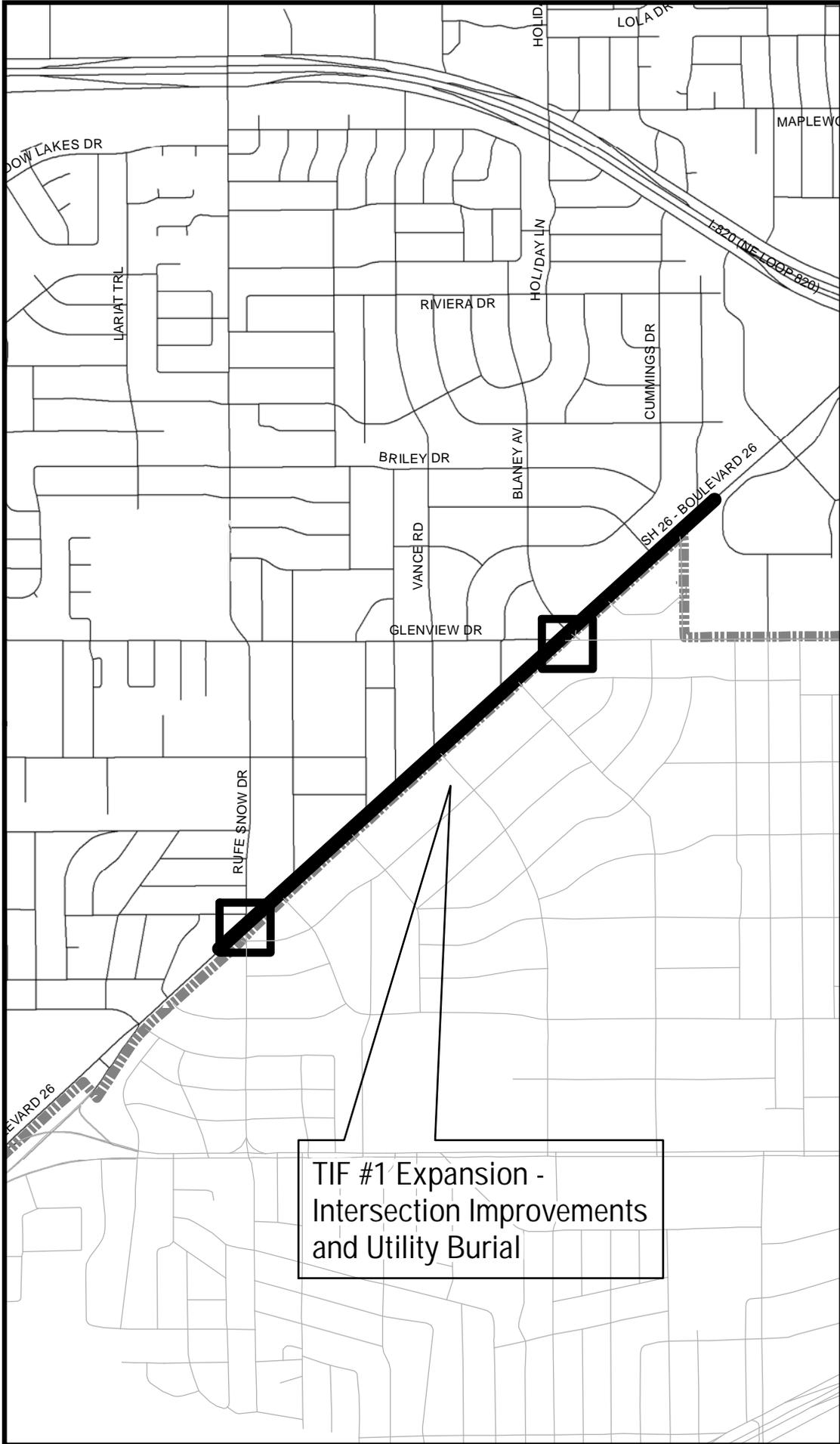
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	50,000	0	0	0	\$50,000
Total Costs	\$50,000	\$0	\$0	\$0	\$50,000

Operating Impact

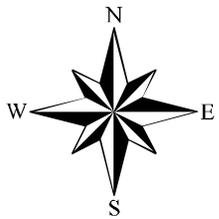
No additional operating impact.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

TIF #1 Expansion - Intersection Improvements and Utility Burial

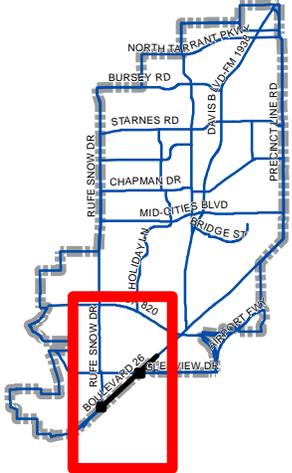


TIF #1 Expansion -
Intersection Improvements
and Utility Burial



NORTH
RICHLAND
HILLS

Project Locator Map



Economic Development Capital Projects

Department	Project Title				Project Number	
Economic Development	TIF 1 Expansion - Intersection Improvements/Utility Burial				ED0601	
Project Description						
<p>This project will consist of making improvements at two intersections and burying approximately 1.25 miles of above ground utilities located along Boulevard 26. The two intersections are Boulevard 26 at Rufe Snow Drive and Glenview Drive. These two locations represent a portion of an overall branding and marketing communication strategy planned for the section of Boulevard 26 South of Loop 820. The aesthetic improvements planned at these two intersections include landscaping and streetscaping improvements approved by the Richland Hills and North Richland Hills Oversight Committee. This is a cooperative effort between the Public Works Department, Planning & Inspections Department and Economic Development.</p>						
Project Justification						
<p>These intersection improvements are recommended as part of the South Grapevine Corridor Highway Study to stimulate private development within this corridor. The intersection improvement project is a joint venture between the City's of North Richland Hills and Richland Hills of which Richland Hills will pay for 50% of the cost on each intersection. The City's portion of the intersection improvements along with the above ground utilities are to be funded by Certificates of Obligation as part of the TIF 1 expansion effort. Burying of utilities along the NRH side of Boulevard 26 is part of the TIF#1 expansion efforts as approved by the City and all taxing entities.</p> <p>Note: The "Other" dates listed in the Project Schedule is the time line for TxDOT review and approval. Funding source is Certificates of Obligation.</p>						
Project Schedule						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2005-06	\$450,000	
Engineering/Design	05/2006	08/2015	Revision	2008-09	\$3,050,000	
Land/ROW Acquisition			Revision	2011-12	(\$500,000)	
Construction	10/2016	12/2017	Total		<u><u>\$3,000,000</u></u>	
Other	03/2014	10/2015				
Total Schedule	<u><u>05/2006</u></u>	<u><u>12/2017</u></u>				
Sources of Funds						
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	3,000,000	0	0	0	\$3,000,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	<u><u>\$3,000,000</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$3,000,000</u></u>	
Project Costs						
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	100,000	0	0	0	\$100,000	
Engineering/Design	450,000	0	0	0	\$450,000	
Land/ROW Acquisition	250,000	0	0	0	\$250,000	
Construction	2,200,000	0	0	0	\$2,200,000	
Other						
Total Costs	<u><u>\$3,000,000</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$3,000,000</u></u>	
Operating Impact						
Minimal operating impact is anticipated.						
Fiscal Year						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>	<u><u>\$0</u></u>

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	TOD Land Management	ED1503

Project Description
 The City has established two geographic areas that are designated for high levels of growth through mass transit activities. These Transit Oriented Development (TOD) areas require the advance purchase of property to facilitate various components of mass transit which include parking, platforms, loading, unloading, etc.

Project Justification
 These areas require the advance purchase of property in order to facilitate the various components of mass transit such as parking, platforms, loading, unloading, etc. This project is for these requirements

Note: Reserves are General Fund - Transportation Reserve

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Revision	2014-15	\$1,200,000
Engineering/Design			Total		\$1,200,000
Land/ROW Acquisition	04/2015	04/2017			
Construction					
Other					
Total Schedule	04/2015	04/2017			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	1,200,000	0	0	0	\$1,200,000
Sales Tax					
Other					
Total Funding	\$1,200,000	\$0	\$0	\$0	\$1,200,000

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	30,000	0	0	0	\$30,000
Engineering/Design					
Land/ROW Acquisition	1,170,000	0	0	0	\$1,170,000
Construction					
Other					
Total Costs	\$1,200,000	\$0	\$0	\$0	\$1,200,000

Operating Impact
 There is no operating impact.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0

Schedule 9
CIP Personnel Capital Projects
Budget Summary

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
General CIP Personnel Costs	995,183	0	0	0 \$	995,183
Municipal Facilities Project Funding	0	0	0	0 \$	0
Utility CIP Personnel	1,731,169	304,680	0	0 \$	2,035,849
Utility Construction Personnel	4,110,576	839,992	0	0 \$	4,950,568
Utility Construction Project Funding	-4,094,769	-840,000	0	0 \$	-4,934,769
Total Continuing Projects	\$ 2,742,159	\$ 304,672	\$ 0	\$ 0	\$ 3,046,831
Total Project Costs	\$ 2,742,159	\$ 304,672	\$ 0	\$ 0	\$ 3,046,831
<u>Funding Sources</u>					
Reserves					
General CIP Reserves and Interest Income	995,183	0	0	0	995,183
Utility Reserves and Interest Income	5,841,745	1,144,672	0	0	6,986,417
Municipal Facilities Project Funding	0	0	0	0	0
Utility Construction Project Funding	-4,094,769	-840,000	0	0	-4,934,769
Total Reserves	\$ 2,742,159	\$ 304,672	\$ 0	\$ 0	\$ 3,046,831
Total Sources of Funds	\$ 2,742,159	\$ 304,672	\$ 0	\$ 0	\$ 3,046,831

NRH

Schedule 10 Other Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2016/17 Adopted	2017/18 Estimated	2018 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
238 - Atmos Residential Energy Efficiency Program	379,359	22,500	0	0 \$	401,859
239 - Litter Not Program	25,000	0	0	0 \$	25,000
240 - Neighborhood Initiative Program	237,158	10,000	10,000	0 \$	257,158
241 - North Texas Anti-Gang Center 2015	1,506,751	0	0	0 \$	1,506,751
242 - North Texas Anti-Gang Center 2016	900,000	0	0	0 \$	900,000
243 - Strategic Plan	75,000	50,000	75,000	0 \$	200,000
244 - TEX Rail	40,200	0	0	0 \$	40,200
Total Continuing Projects	\$ 3,163,468	\$ 82,500	\$ 85,000	\$ 0	\$ 3,330,968
Total Project Costs	\$ 3,163,468	\$ 82,500	\$ 85,000	\$ 0	\$ 3,330,968
<u>Funding Sources</u>					
Federal/State Grants					
Other	2,111,751	0	0	0	2,111,751
Total Federal/State Grants	\$ 2,111,751	\$ 0	\$ 0	\$ 0	\$ 2,111,751
Reserves					
Other	187,158	0	0	0	187,158
Total Reserves	\$ 187,158	\$ 0	\$ 0	\$ 0	\$ 187,158
Sales Tax					
Economic Development Sales Tax	75,000	0	0	0	75,000
Total Sales Tax	\$ 75,000	\$ 0	\$ 0	\$ 0	\$ 75,000
Other					
Donations Fund	50,000	10,000	10,000	0	70,000
General Fund Balance	0	50,000	75,000	0	125,000
Other	739,559	22,500	0	0	762,059
Total Other	\$ 789,559	\$ 82,500	\$ 85,000	\$ 0	\$ 957,059
Total Sources of Funds	\$ 3,163,468	\$ 82,500	\$ 85,000	\$ 0	\$ 3,330,968

Other Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	Atmos Residential Energy Efficiency Program				ES1201	
Project Description						
The City has a contract with Atmos to provide low income NRH residents with energy efficient measures to their homes such as wall and attic insulation, duct sealing, repair/replacement of hot water heaters, caulking. This is a reimbursement type grant. An audit of the home is performed before and after the energy efficiency measures are completed to report the effectiveness of the work. Atmos allows up to \$1,500 per home.						
Project Justification						
This grant funding will provide energy efficiency to low income residents making their homes safer, more marketable and reduce their energy bills as well as the amount of energy used.						
Other funding is provided by the Residential Energy Efficiency Program Grant from ATMOS Energy.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$10,000	
Engineering/Design			Revision	2012-13	\$90,000	
Land/ROW Acquisition			Revision	2013-14	\$256,859	
Construction	10/2015	06/2017	Adopted Budget	2015-16	\$23,750	
Other			Revision	2015-16	(\$1,250)	
Total Schedule	10/2015	06/2017	Proposed	2016-17	\$22,500	
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	379,359	22,500	0	0	\$401,859	
Total Funding	\$379,359	\$22,500	\$0	\$0	\$401,859	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	379,359	22,500	0	0	\$401,859	
Total Costs	\$379,359	\$22,500	\$0	\$0	\$401,859	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Other Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	Litter Not Program				ES0902	
Project Description						
This project provides educational materials and other items necessary to communicate to our citizens the importance of litter prevention and how to dispose of their trash in the appropriate manner.						
Project Justification						
One of the City's goals is to revitalize neighborhoods. This project will assist in providing and/or replacing existing trash cans placed in our right-of-ways and help promote the importance of not littering in our City. City Council appropriated \$25,000 from the TXU settlement funds for this program. The remaining \$1,993 will be used to purchase litter receptacles for the new City Hall (Municipal Government Complex).						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$8,531	
Engineering/Design			Revision	2012-13	\$16,469	
Land/ROW Acquisition			Total		\$25,000	
Construction						
Other	10/2007	12/2016				
Total Schedule	10/2007	12/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	25,000	0	0	0	\$25,000	
Total Funding	\$25,000	\$0	\$0	\$0	\$25,000	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	25,000	0	0	0	\$25,000	
Total Costs	\$25,000	\$0	\$0	\$0	\$25,000	
Operating Impact						
There is no operational impact.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Other Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	Neighborhood Initiative Program				ES0901	
Project Description						
The Neighborhood Initiative Program was developed in Jan. 2004. This program helps seniors, single parents and physically challenged individuals with minor exterior home repairs. In 2007, the City Council gave an additional \$90,000 for NIP and \$15,000 for Neighborhood Looks through the TXU settlement to assist low income families with emergency repairs. The Neighborhood Initiative Program was expanded, to provide cash incentives for residential homeowners to reinvest in their homes and to provide some monetary support to volunteer groups helping with larger exterior renovations. Donations from business and faith communities are used to sustain the program.						
Project Justification						
Neighborhood Revitalization continues to be at the forefront of the City Council's goals. Encouraging homeowners to reinvest in their homes will also give them pride in homeownership and they will be more likely to remain in our City and not turn their home into rental property. This money is to be reinvested in the City, as long as funds are available, to maintain the quality of life desired.						
Anticipating \$10,000 in contributions from various local churches and business.						
This project is being used as the 30% match for the HOME Investments Partnership Program.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$105,942	
Engineering/Design			Revision	2009-10	\$28,716	
Land/ROW Acquisition			Revision	2010-11	\$15,000	
Construction			Revision	2011-12	\$5,000	
Other	01/2004	09/2017	Revision	2012-13	\$52,500	
Total Schedule	01/2004	09/2017	Adopted Budget	2013-14	\$10,000	
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	187,158	0	0	0	\$187,158	
Sales Tax						
Other	50,000	10,000	10,000	0	\$70,000	
Total Funding	\$237,158	\$10,000	\$10,000	\$0	\$257,158	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	237,158	10,000	10,000	0	\$257,158	
Total Costs	\$237,158	\$10,000	\$10,000	\$0	\$257,158	
Operating Impact						
No operating impact.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Other Capital Projects

Department	Project Title	Project Number
Police	North Texas Anti-Gang Center 2015	FC1505

Project Description

The High Intensity Drug Trafficking Area (HIDTA) program is a program authorized by federal legislation and funded through the President's Office for National Drug Control Policy. The North Texas HIDTA (NTHIDTA) is one of 28 HIDTAs across the country and is the one in which the City of North Richland Hills is located. NTHIDTA desires to start a new task force specifically to deal with gangs and has applied for a grant from the Office of the Governor to start the program. The grant funds must be disbursed to a governmental entity and requires a fiduciary to administer the funds and pay invoices generated by NTHIDTA. The Governor's office has contacted the City of North Richland Hills about acting as the fiduciary for this grant. As fiduciary, the City will receive a 5% administrative fee for such services. This fee, estimated at \$61,424, is reflected in the Other category and will be transferred out of the project as a project expense as it earned.

Project Justification

This project is the result of the Office of the Governor contacting the city of North Richland Hills to act as the fiduciary agent responsible for administering this particular grant.

Note: "Federal/State Grant" funding sources is in reference to the Office of the Governor grant distributed to the City acting as the fiduciary agent. Other funding is MOA provided by the FBI and part of the lease agreement that grants funding for construction.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	03/2015	12/2016	Adopted Budget	2014-15	\$1,211,751
Engineering/Design			Revision	2015-16	\$170,000
Land/ROW Acquisition			Revision	2015-16	\$125,000
Construction	03/2015	12/2016	Total		\$1,506,751
Other	03/2015	12/2016			
Total Schedule	03/2015	12/2016			

Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	1,211,751	0	0	0	\$1,211,751
Reserves					
Sales Tax					
Other	295,000	0	0	0	\$295,000
Total Funding	\$1,506,751	\$0	\$0	\$0	\$1,506,751

Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost
Professional Services	530,827	0	0	0	\$530,827
Engineering/Design					
Land/ROW Acquisition					
Construction	785,000	0	0	0	\$785,000
Other	190,924	0	0	0	\$190,924
Total Costs	\$1,506,751	\$0	\$0	\$0	\$1,506,751

Operating Impact

No operating impact is anticipated.

Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Other Capital Projects						
Department	Project Title				Project Number	
Police	North Texas Anti-Gang Center 2016				FC1603	
Project Description						
The North Texas HIDTA (NTHIDTA) is one of 28 HIDTAs across the country and is the one in which the City of North Richland Hills is located. NTHIDTA desires to start a new task force specifically to deal with gangs and has applied for a grant from the Office of the Governor to start the program. The grant funds must be disbursed to a governmental entity and requires a fiduciary to administer the funds and pay invoices generated by NTHIDTA. The Governor's office has contacted the City of North Richland Hills about acting as the fiduciary for this grant. This grant was awarded directly by the Governor's Office and only includes monies from the State of Texas. (Project is in conjunction with the anti gang center grant awarded by the Federal government.)						
Project Justification						
North Richland Hills is the fiduciary agency for this project.						
This grant funding is State of Texas monies.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	05/2016	09/2017	Adopted Budget	2015-16	\$900,000	
Engineering/Design			Total		<u>\$900,000</u>	
Land/ROW Acquisition						<u>\$900,000</u>
Construction	05/2016	09/2017				
Other	05/2016	09/2017				
Total Schedule	<u>05/2016</u>	<u>09/2017</u>				
Sources of Funds						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	900,000	0	0	0	\$900,000	
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$900,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$900,000</u>	
Project Costs						
	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	300,000	0	0	0	\$300,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	300,000	0	0	0	\$300,000	
Other	300,000	0	0	0	\$300,000	
Total Costs	<u>\$900,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$900,000</u>	
Operating Impact						
No operating impact is expected.						
Fiscal Year						
	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Other Capital Projects						
Department	Project Title				Project Number	
Planning & Development	Strategic Plan				PL1501	
Project Description						
This CIP request is to create a Strategic Plan for NRH that will stem from the goals and objectives established by the City Council as well as incorporate action items for each of the objectives. The Strategic Plan will involve an update to the current Comprehensive Plan (adopted in 2001) to include a fresh look at development and redevelopment planning areas identified by the City Council as well as update the current Land Use Plan and revise and update the current thoroughfare plan into a multi-modal mobility plan that will incorporate the NRH trail system along with the future rail corridor.						
Project Justification						
North Richland Hills has seen significant change in the 14 years since the Comprehensive Plan was last amended. During this year's goals session, the City Council discussed and identified several areas in the City that are experiencing new development or are transitioning with age. The City Council discussed the need to develop strategies to insure that the few areas that remain for new development in the City are developed in such a manner as to provide sustainability for the quality services and amenities provided in North Richland Hills, and that redevelopment also be steered in a manner that will promote sustainability of the quality of life citizens of NRH enjoy. In addition, the City Council discussed the need to create an overall mobility plan to overall strategic plan for the City that would flow from the goals and objectives established, take a fresh look at the City's position relative to development in the region and outline action steps that will allow City leaders to seize opportunities that are in line with the vision for each development or redevelopment area identified. Funding for this project will allow staff to seek a qualified traffic engineering and land planning consultant team to facilitate the Mobility Plan portion of this project and provide corridor plans centered on transportation improvements. Example corridors include Bedford-Eules Road, Iron Horse Boulevard and Meadow Lakes Drive. Consultants would assist in the "right-size" analysis of other roadways in NRH, such as Eden Road, Liberty Way, Burse Road, Hightower Drive, etc. \$75,000 in funding was provided in the 2014/2015 CIP budget to begin the RFQ process. To reduce overall costs of the project, updates to the Comprehensive Land Use Plan would be conducted in-house by Planning & Zoning Department staff. The funds previously requested have been reduced to reflect this scope change. Note: Other Funding for FY16/17 is identified as a transfer from the General Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2014	09/2017	Adopted Budget	2014-15	\$75,000	
Engineering/Design			Total		<u>\$75,000</u>	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	<u>10/2014</u>	<u>09/2017</u>				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	75,000	0	0	0	\$75,000	
Other	0	50,000	75,000	0	\$125,000	
Total Funding	<u>\$75,000</u>	<u>\$50,000</u>	<u>\$75,000</u>	<u>\$0</u>	<u>\$200,000</u>	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	75,000	50,000	75,000	0	\$200,000	
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other						
Total Costs	<u>\$75,000</u>	<u>\$50,000</u>	<u>\$75,000</u>	<u>\$0</u>	<u>\$200,000</u>	
Operating Impact						
There is no operating impact for this project.						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Other Capital Projects						
Department	Project Title				Project Number	
Public Works	TEX Rail				PW1601	
Project Description						
This project is for the design of the TEX Rail that will be coming to North Richland Hills in the near future. The rail will stop at areas around Iron Horse and near Smithfield.						
Project Justification						
North Richland Hills is partnering with the T (Fort Worth Transportation Authority) to bring the light rail that extends from Fort Worth to Grapevine, and will have two stops in NRH.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	02/2016	10/2016	Adopted Budget	2015-16	\$40,200	
Engineering/Design			Total		\$40,200	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	02/2016	10/2016				
Sources of Funds	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	40,200	0	0	0	\$40,200	
Total Funding	\$40,200	\$0	\$0	\$0	\$40,200	
Project Costs	To Date	2016-17 Budget	2017-18 Estimate	2018-Completion	Total Cost	
Professional Services	40,200	0	0	0	\$40,200	
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$40,200	\$0	\$0	\$0	\$40,200	
Operating Impact						
No impact is anticipated						
Fiscal Year	2016-17	2017-18	2018-19	2019-20	2020-21	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Schedule 11
2015/2016 Budget Revisions
Budget Summary

Page No	Project Number	Project Name	Adopted Through 2015/2016	Budget Revision 2015/2016	2015/2016 Revised Budget	Remaining Amount	Total
STREET & SIDEWALK CAPITAL PROJECTS							
247	ST0902	Cloyce Ct. (820 to Maplewood)	\$ 950,000	\$ (140,000)	\$ 810,000	\$ -	\$ 810,000
248	ST0401	Davis Blvd / Mid Cities Blvd Intersection	\$ 5,200,726	\$ -	\$ 5,200,726	\$ -	\$ 5,200,726
249	ST1404	Jennings Dr. / Dude Court	\$ 610,000	\$ (35,000)	\$ 575,000	\$ -	\$ 575,000
250	CDBG16	Lynda Court	\$ 226,821	\$ 35,000	\$ 261,821	\$ -	\$ 261,821
251	PW1602	Meadow Lakes Drive & Rufe Snow Drive Intersection	\$ -	\$ 1,000,000	\$ 1,000,000	\$ -	\$ 1,000,000
252	SM1601	Preventative Street Maintenance (2016)	\$ 800,000	\$ -	\$ 800,000	\$ -	\$ 800,000
253	SM1602	Preventative Street Maintenance (Old Cagle Rd)	\$ 200,000	\$ -	\$ 200,000	\$ -	\$ 200,000
254	ST0102	Rufe Snow Drive (Karent to 820)	\$ 1,385,950	\$ 150,000	\$ 1,535,950	\$ -	\$ 1,535,950
255	ST0202	Rufe Snow Drive Improvements (Mid-Cities to Hightower)	\$ 21,703,236	\$ (100,000)	\$ 21,603,236	\$ -	\$ 21,603,236
256	ST1201	Rufe Snow Drive and Glenview Drive Intersection improvement	\$ 1,435,000	\$ 750,000	\$ 2,185,000	\$ -	\$ 2,185,000
		Sub-Total	\$ 32,511,733	\$ 1,660,000	\$ 34,171,733	\$ -	\$ 34,171,733
DRAINAGE CAPITAL PROJECTS							
258	DR1503	Calloway Branch Channel Repair	\$ 68,500	\$ 30,000	\$ 98,500	\$ -	\$ 98,500
259	DR1501	Main Street Drainage Improvements	\$ 800,000	\$ 220,000	\$ 1,020,000	\$ -	\$ 1,020,000
260	DR1004	Meadowview Channel Drainage Improvements	\$ 1,863,222	\$ (120,000)	\$ 1,743,222	\$ -	\$ 1,743,222
		Sub-Total	\$ 2,731,722	\$ 130,000	\$ 2,861,722	\$ -	\$ 2,861,722
UTILITY CAPITAL PROJECTS							
261	UT1601	Franklin Court Sewer Addition/Gifford Connection	\$ 150,000	\$ -	\$ 150,000	\$ -	\$ 150,000
262	UT1603	Miscellaneous Water/Sewer Main Replacements	\$ 420,000	\$ -	\$ 420,000	\$ -	\$ 420,000
263	UT1604	Sanitary Sewer Line Replacements (Crabtree & Onyx)	\$ 125,000	\$ -	\$ 125,000	\$ -	\$ 125,000
264	UT1605	Small Water Main Replacements(2016)	\$ 420,000	\$ -	\$ 420,000	\$ -	\$ 420,000
265	UT1607	Walker Branch Intercept Project	\$ -	\$ 416,525	\$ 416,525	\$ -	\$ 416,525
266	UT1505	Water Line Replacement on Susan Lee	\$ 800,000	\$ (10,000)	\$ 790,000	\$ -	\$ 790,000
		Sub-Total	\$ 1,915,000	\$ 406,525	\$ 2,321,525	\$ -	\$ 2,321,525
PARKS & RECREATION CAPITAL PROJECTS							
267	PK9601	Calloway Branch Trail Development	\$ 1,489,811	\$ (5,500)	\$ 1,484,311	\$ -	\$ 1,484,311
268	PK1603	Northfield Park Redevelopment	\$ 397,000	\$ 5,500	\$ 402,500	\$ -	\$ 402,500
269	PK1608	Trail Head Gateways	\$ 110,000	\$ 12,260	\$ 122,260	\$ -	\$ 122,260
270	PK1609	Unforeseen Park Damage	\$ -	\$ 61,535	\$ 61,535	\$ -	\$ 61,535
		Sub-Total	\$ 1,996,811	\$ 73,795	\$ 2,070,606	\$ -	\$ 2,070,606
AQUATIC PARK CAPITAL PROJECTS							
272	WP1503	NRH2O Slide Tower Replacement	\$ 2,800,000	\$ 180,425	\$ 2,980,425	\$ -	\$ 2,980,425
276	WP1504	NRH2O Parking Lot Improvements	\$ 75,000	\$ 8,250	\$ 83,250	\$ -	\$ 83,250
		Sub-Total	\$ 2,875,000	\$ 188,675	\$ 3,063,675	\$ -	\$ 3,063,675
FACILITIES CAPITAL PROJECTS							
277	FC1602	Building ACM Abatement and Site Demolition	\$ -	\$ 630,000	\$ 630,000	\$ -	\$ 630,000
278	FC1205	City Hall (Municipal Government Complex)	\$ 69,229,337	\$ 54,950	\$ 69,284,287	\$ -	\$ 69,284,287
		Sub-Total	\$ 69,229,337	\$ 684,950	\$ 69,914,287	\$ -	\$ 69,914,287
MAJOR CAPITAL EQUIPMENT CAPITAL PROJECTS							
279	FS1601	Ambulance Replacement Unit 958	\$ 240,000	\$ 30,000	\$ 270,000	\$ -	\$ 270,000
280	FS1602	Gradall Excator	\$ 375,000	\$ 25,000	\$ 400,000	\$ -	\$ 400,000
281	FS1603	Pothole Patcher Replacement	\$ 172,600	\$ 5,800	\$ 178,400	\$ -	\$ 178,400
282	FS1604	Street Sweeper Replacement Unit 6627	\$ 291,900	\$ (51,900)	\$ 240,000	\$ -	\$ 240,000
		Sub-Total	\$ 1,079,500	\$ 8,900	\$ 1,088,400	\$ -	\$ 1,088,400

Schedule 11
2015/2016 Budget Revisions
Budget Summary

<u>Page No</u>	<u>Project Number</u>	<u>Project Name</u>	<u>Adopted Through 2015/2016</u>	<u>Budget Revision 2015/2016</u>	<u>2015/2016 Revised Budget</u>	<u>Remaining Amount</u>	<u>Total</u>
<u>ECONOMIC DEVELOPMENT CAPITAL PROJECTS</u>							
284	ED1601	City Point Infrastructure	\$ -	\$ 2,596,070	\$ 2,596,070	\$ -	\$ 2,596,070
285	ED1002	Loop 820 Redevelopment (2010)	\$ 2,026,938	\$ (431,366)	\$ 1,595,572	\$ -	\$ 1,595,572
286	ED1602	Loop 820 Redevelopment (2016)	\$ -	\$ 6,500,000	\$ 6,500,000	\$ -	\$ 6,500,000
		Sub-Total	\$ 2,026,938	\$ 8,664,704	\$ 10,691,642	\$ -	\$ 10,691,642
<u>OTHER CAPITAL PROJECTS</u>							
287	FC1505	North Texas Anti-Gang Center	\$ 1,211,751	\$ 295,000	\$ 1,506,751	\$ -	\$ 1,506,751
289	FC1603	(2016)North Texas Anti-Gang Center	\$ -	\$ 900,000	\$ 900,000	\$ -	\$ 900,000
290	PW1601	TEX Rail	\$ -	\$ 40,200	\$ 40,200	\$ -	\$ 40,200
		Sub-Total	\$ 1,211,751	\$ 1,235,200	\$ 2,446,951	\$ -	\$ 2,446,951
		Total All Projects	\$ 115,577,792	\$ 13,052,749	\$ 128,630,541	\$ -	\$ 128,630,541
<u>SOURCES OF FUNDS</u>							
		General Obligation Bonds	\$ 58,949,172	\$ -	\$ 58,949,172	\$ -	\$ 58,949,172
		Certificates of Obligations	\$ 25,506,900	\$ 3,118,100	\$ 28,625,000	\$ -	\$ 28,625,000
		Federal / State Grants	\$ 18,680,464	\$ 3,294	\$ 18,683,758	\$ -	\$ 18,683,758
		Reserves	\$ 8,371,753	\$ 6,494,205	\$ 14,865,958	\$ -	\$ 14,865,958
		Sales Tax	\$ 1,173,691	\$ -	\$ 1,173,691	\$ -	\$ 1,173,691
		Other	\$ 2,895,812	\$ 3,437,150	\$ 6,332,962	\$ -	\$ 6,332,962
		Total Sources of Funds	\$ 115,577,792	\$ 13,052,749	\$ 128,630,541	\$ -	\$ 128,630,541

Street & Sidewalk Capital Projects

Cloyce Court (820-Maplewood)

ST0902

PROJECT DESCRIPTION & JUSTIFICATION

This section of Cloyce Ct. serves as the main entrance to the Loop 820 frontage road from the north. Most of Cloyce Ct. is fronted by multifamily, but there are some commercial uses at the frontage road. This section of Cloyce Ct. was originally constructed in 1965. The street is approximately 47 years old and was last overlaid in 1984. This rating is considered to be poor consisting of significant surface deterioration. An old clay sanitary sewer line pipe will be replaced with an 8" PVC pipe.

Cloyce Court is identified on the Master Thoroughfare Plan as a Residential, 2 Lane Undivided (R2U) roadway. It was, however, constructed 40 feet wide in 1965. This 2003 Bond Program project will consist of reconstructing approximately 1,400 feet of the existing asphalt street with a new 40 foot wide concrete section with sidewalks. The limits of the project will begin at the Loop 820 frontage road and end at Maplewood Ave. After the new street section is complete this section of Cloyce Ct. will meet all of the City's current paving and drainage standards. In addition, the 8" Sanitary Sewer line which currently is an old clay pipe will need to be replaced.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	06/2009		08/2015	
Land/ROW Acquisition				
Construction	09/2015		04/2016	
Other				

REVISION EXPLANATION

During construction on ST0102, it was discovered that a gas line will need to relocate in order to construct the extension for the Meadow Lake turn lane. Also, additional funds are needed to pay for the street light and signalization. In order to pay for construction, funds will need to be transferred from this project into the Rufe Snow Karen to 820 project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$200,000		\$200,000		\$200,000
GO's	750,000	(140,000)	610,000		\$610,000
			0		\$0
			0		\$0
			0		\$0
Total	\$950,000	(\$140,000)	\$810,000	\$0	\$810,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	100,000		100,000		\$100,000
Land/ROW Acquisition			0		\$0
Construction	850,000	(140,000)	710,000		\$710,000
Other			0		\$0
Total	\$950,000	(\$140,000)	\$810,000	\$0	\$810,000

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected	0	0	0	0	0	\$0

**Street & Sidewalk Capital Projects
Davis Blvd / Mid-Cities Blvd Intersection**

ST0401

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of intersection improvements at the Davis Blvd and Mid-Cities Blvd Intersection. The improvements include adding additional right and left turn lanes, signalization improvements, and all necessary water and sewer main adjustments. This project is a 2003 Bond Program Project.

This intersection is located on a major east/west and north/south thoroughfare that runs through NE Tarrant County. Heavy traffic congestion is experienced during peak hours. As of 2006, more than 53,000 vehicles travel through this intersection per day. In the future, this intersection will experience significant development which will add to the traffic congestion. Improvements to this intersection will reduce the traffic congestion and provide added capacity to handle future traffic volumes.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	10/2003		05/2008	
Engineering	07/2008		10/2014	
Land/ROW Acquisition	08/2014		08/2016	
Construction	11/2016		06/2017	
Other				

REVISION EXPLANATION

Revising reserves to include money that was not received through grant funding. Grant funding was reduced based on actual monies received.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO Bonds	\$500,000	\$0	\$500,000	\$0	\$500,000
CO Bonds	500,000	0	500,000	0	\$500,000
Grant	3,796,772	(471,706)	3,325,066	0	\$3,325,066
Reserves	403,954	471,706	875,660	0	\$875,660
			0		\$0
Total	\$5,200,726	\$0	\$5,200,726	\$0	\$5,200,726
PROJECT EXPENDITURES					
Professional Services	\$107,000	\$0	\$107,000	\$0	\$107,000
Engineering/Design	536,971	0	536,971	0	\$536,971
Land/ROW Acquisition	400,000	0	400,000	0	\$400,000
Construction	4,156,755	0	4,156,755	0	\$4,156,755
Other			0		\$0
Total	\$5,200,726	\$0	\$5,200,726	\$0	\$5,200,726

IMPACT ON OPERATING BUDGET

No additional impact is projected with this project.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects
Jennings Drive/ Dude Court Street Reconstruction
 ST1404

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of reconstructing Jennings Drive from Jerrie Jo Drive to Boulevard 26. Since Dude Court is a very small cul-de-sac located just off of Jennings this project will also include reconstructing Dude Court. The approximate length of Jennings Drive is 1,500 LF with Dude Court adding about 200 LF. Both streets are the original asphalt streets constructed with the subdivision. This project will reconstruct both streets as new concrete streets.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	01/2013		07/2013	
Land/ROW Acquisition				
Construction	08/2014		09/2015	
Other				

REVISION EXPLANATION

The project came in under budget and we would like to transfer \$35,000.00 to the CDBG16 Lynda Court project in order to fulfill a pledge request from Tarrant County.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
G.O.	\$610,000	(\$35,000)	\$575,000	\$0	\$575,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$610,000	(\$35,000)	\$575,000	\$0	\$575,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	173,000	0	173,000	0	\$173,000
Land/ROW Acquisition			0		\$0
Construction	437,000	(35,000)	402,000	0	\$402,000
Other			0		\$0
Total	\$610,000	(\$35,000)	\$575,000	\$0	\$575,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects

Lynda Court CDBG

CDBG16

PROJECT DESCRIPTION & JUSTIFICATION

This is the 41st Year Community Development Block Grant (CDBG) project. The existing street is an asphalt pavement section and it will be reconstructed as a 31 foot wide concrete pavement section. Reconstruction of the street will also include pavement excavation, curb and gutter replacement, sub-grade stabilization, installation of sidewalks, street right-of-way restoration and utility improvements.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015		09/2016	
Land/ROW Acquisition				
Construction	10/2015		09/2016	
Other				

REVISION EXPLANATION

The total cost of this project came in over the projected budgeted amount. The City needs to transfer \$35,000.00 from ST1404 to cover the City's portion and the required pledge amount requested from Tarrant County.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Grants CDBG	\$226,821	\$0	\$226,821	\$0	\$226,821
G.O.	0	35,000	35,000	0	\$35,000
			0		\$0
			0		\$0
			0		\$0
Total	\$226,821	\$35,000	\$261,821	\$0	\$261,821
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	32,700		32,700	0	\$32,700
Land/ROW Acquisition			0		\$0
Construction	194,121	35,000	229,121	0	\$229,121
Other			0		\$0
Total	\$226,821	\$35,000	\$261,821	\$0	\$261,821

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects
Meadow Lakes Drive & Rufe Snow Drive Intersection

PW1602

PROJECT DESCRIPTION & JUSTIFICATION

The area along Rufe Snow, south of LP 820 is severely congested that include 7 different ingress/egress points within a 700 foot span. The project proposes the conversion of current the Rufe Snow Meadow lakes 3 way signalized intersection into a 4 way signalized intersection. This project would extend Meadow lakes east of Rufe Snow, connecting to the commercial area along LP 820. The project would also eliminate 3 of the 7 ingress/egress points within the 700 foot span.

In January of 2012, City Council requested staff to proceed with a long term plan to reduce congestion, improve safety and enhance mobility in this particular area. According to internal traffic counts, there are over 30,000 cars per day along Rufe Snow between Karen Drive and LP 820, with automobiles stacking well south of Marilyn Lane during peak periods. As the LP 820 corridor redevelops, traffic volume and improved access to and from commercial on the south side of LP 820 will be necessary.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering		05/2016		09/2017
Land/ROW Acquisition		05/2017		09/2017
Construction		05/2016		09/2017
Other				

REVISION EXPLANATION

Project was not included at time of adoption.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
CO's		\$1,315,000	\$1,315,000		\$1,315,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$1,315,000	\$1,315,000	\$0	\$1,315,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design		80,000	80,000		\$80,000
Land/ROW Acquisition		435,000	435,000		\$435,000
Construction		800,000	800,000		\$800,000
Other			0		\$0
Total	\$0	\$1,315,000	\$1,315,000	\$0	\$1,315,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects

Preventive Street Maintenance 2016

SM1601

PROJECT DESCRIPTION & JUSTIFICATION

This is an annual program where funds are dedicated to enhance the city's efforts for preventive maintenance of city streets. The scope of this project provides crack sealing for approximately 15-25 streets, slurry seals for 15-25 streets and a 2" asphalt overlay for 12-15 streets. In addition to these three maintenance methods, staff will be searching for new preventive procedures to consider in the future.

Preventive maintenance activities delays more costly street reconstruction and extends the life of the current street system. This project provides staff with funding to apply the appropriate maintenance activities to the streets selected for the program. Depending on the current condition of the street and the type of preventive measures taken, the street life can be extended for a minimum cost in comparison to a total reconstruction.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2015		09/2016	
Other				

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$800,000	(\$800,000)	\$0		\$0
Certificates of Obligation	0	800,000	800,000	0	\$800,000
			0		\$0
			0		\$0
			0		\$0
Total	\$800,000	\$0	\$800,000	\$0	\$800,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	800,000	0	800,000	0	\$800,000
Other			0		\$0
Total	\$800,000	\$0	\$800,000	\$0	\$800,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects
Preventive Street Maintenance (Old Cagle Drive)

SM1602

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of making street and subgrade improvements on City Point Drive (formally Cagle Drive) beginning at Glenview Drive and ending at the Medical Office Building (MOB). The improvements will consist of compacting the subgrade and providing six inches of asphalt over the newly compacted subgrade as well as repairing and replacing the bad sections of curb and gutter. The length of roadway improved is approximately 1,250 feet.

This section of City Point is the primary construction entrance for the new City Hall project and has experienced extensive wear and tear. It is also one of the primary access points for the Medical Office Building. Repaving the roadway and replacing the bad sections of curb and gutter will provide a more drivable road surface.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
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Professional Services
 Engineering
 Land/ROW Acquisition
 Construction
 Other

10/2015

12/2015

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$200,000	(\$200,000)	\$0		\$0
Certificates of Obligation	0	200,000	200,000	0	\$200,000
			0		\$0
			0		\$0
			0		\$0
Total	\$200,000	\$0	\$200,000	\$0	\$200,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	200,000	0	200,000	0	\$200,000
Other			0		\$0
Total	\$200,000	\$0	\$200,000	\$0	\$200,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Street & Sidewalk Capital Projects

Rufe Snow Drive (Karen to 820)

ST0102

PROJECT DESCRIPTION & JUSTIFICATION

This project begins at Karen Dr. and will end on the north side of Corona Dr. The intersection of Meadowlakes Dr. will be improved as part of this project. Rufe Snow Dr. will be widened to six (6) lanes along with right turn lanes and improved signalization. Construction for this project is scheduled to begin after TX DOT has completed the Rufe Snow Dr. Bridge and Frontage Roads.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	01/2001		05/2008	
Land/ROW Acquisition	08/2008		01/2015	
Construction	11/2015		07/2016	
Other				

REVISION EXPLANATION

Due to an increase in construction costs (the need to replace an additional eight inch water line), funds will need to be transferred into this project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$100,000	\$10,000	\$110,000		\$110,000
GO	1,285,950		1,285,950		\$1,285,950
			0		\$0
			0		\$0
			0		\$0
Total	\$1,385,950	\$10,000	\$1,395,950	\$0	\$1,395,950
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	170,000		170,000		\$170,000
Land/ROW Acquisition	198,331		198,331		\$198,331
Construction	1,017,619	10,000	1,027,619		\$1,027,619
Other			0		\$0
Total	\$1,385,950	\$10,000	\$1,395,950	\$0	\$1,395,950

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Rufe Snow Drive Improvements (Mid-Cities to Hightower)

ST0202

PROJECT DESCRIPTION & JUSTIFICATION

This project widens approximately 5,300 feet of the existing 5-lane thoroughfare to 7 lanes. This section of Rufe Snow Drive will be reconstructed as a concrete street with sidewalks along both sides, signalization improvements at the major intersections and all necessary water and sewer main adjustments. The funding for design will be provided by the 1994 Bond Program and Federal Grants (TEA-21). The funding for the construction phase of this project will come from the 2003 Bond Program and Federal Grants.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	03/2008		03/2014	
Land/ROW Acquisition	04/2011		06/2014	
Construction	04/2016		02/2018	
Other				

REVISION EXPLANATION

Funds will be restored as part of the FY2015-16 revised budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO	\$5,690,000		\$5,690,000		\$5,690,000
CO	2,900,000		2,900,000		\$2,900,000
Federal/State Grants	12,162,000		12,162,000		\$12,162,000
Reserves	951,236	(100,000)	851,236		\$851,236
			0		\$0
Total	\$21,703,236	(\$100,000)	\$21,603,236	\$0	\$21,603,236
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	1,700,000		1,700,000		\$1,700,000
Land/ROW Acquisition	6,933,263		6,933,263		\$6,933,263
Construction	13,070,000	(100,000)	12,970,000		\$12,970,000
Other			0		\$0
Total	\$21,703,263	(\$100,000)	\$21,603,263	\$0	\$21,603,263

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Rufe Snow Drive & Glenview Drive Intersection Improvements
ST1201

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of improvements to the intersection of Rufe Snow Dr. and Glenview Dr. Glenview Dr. will be widened to provide dedicated left turn lanes for the eastbound and westbound leg of the intersection and realign the southbound segment of Rufe Snow Dr. to shift the dedicated right turn lane adjacent to the other travel lanes. Additionally, aesthetic improvements will be installed which include a public art exhibit at the northwest corner of the intersection, landscaping features, burying power lines at the immediate intersection and brick pavers at crosswalks.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	11/2011		09/2017	
Land/ROW Acquisition	06/2014		09/2017	
Construction	11/2018		11/2019	
Other				

REVISION EXPLANATION

Part of the funding was a grant that was credited to this project but was awarded actually to a different project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Grants	\$550,000	(\$550,000)	\$0		\$0
Reserves	885,000	0	885,000	0	\$885,000
			0		\$0
			0		\$0
			0		\$0
Total	\$1,435,000	(\$550,000)	\$885,000	\$0	\$885,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design	200,000	0	200,000	0	\$200,000
Land/ROW Acquisition	200,000	0	200,000	0	\$200,000
Construction	1,035,000	(550,000)	485,000		\$485,000
Other			0		\$0
Total	\$1,435,000	(\$550,000)	\$885,000	\$0	\$885,000

IMPACT ON OPERATING BUDGET

No anticipated operating impact

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Rufe Snow Drive & Glenview Intersection

ST1201

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of improvements to the intersection of Rufe Snow Dr. and Glenview Dr. Glenview Dr. will be widened to provide dedicated left turn lanes for the eastbound and westbound leg of the intersection and realign the southbound segment of Rufe Snow Dr. to shift the dedicated right turn lane adjacent to the other travel lanes. With the addition of a new charter school at Glenview and Rufe Snow, a traffic impact analysis was conducted. The traffic impact analysis indicated that the city would see a considerable increase of traffic on Rufe Snow and Glenview. In order to mitigate the traffic the Rufe Snow/ Glenview intersection will be expanded to provide an additional lane north and south of Glenview, and a traffic signal will be added at Glenview/ Chapel Park to aide those wanting to take a left out of the charter school to allow vehicular traffic to return north via Rufe Snow. Additionally, aesthetic improvements will be installed which include a public art exhibit at the northwest corner of the intersection, landscaping features, burying power lines at the immediate intersection and brick pavers at crosswalks.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	03/2016		07/2016	
Land/ROW Acquisition	04/2016		09/2016	
Construction	10/2016		09/2017	
Other				

REVISION EXPLANATION

An additional amount of funds in the amount of \$1,300,000.00 will be added to project ST1201. These funds are from a City-developer agreement for public improvements required by the rough proportionality determination on the charter school located at Rufe Snow and Glenview Drive.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO			\$0		\$0
CO			0		\$0
Reserves	885,000		885,000		\$885,000
State and Federal Grants			0		\$0
Other		1,300,000	1,300,000		\$1,300,000
Total	\$885,000	\$1,300,000	\$2,185,000	\$0	\$2,185,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	200,000	300,000	500,000		\$500,000
Land/ROW Acquisition	200,000	100,000	300,000		\$300,000
Construction	485,000	900,000	1,385,000		\$1,385,000
Other			0		\$0
Total	\$885,000	\$1,300,000	\$2,185,000	\$0	\$2,185,000

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected	0	0	0	0	0	\$0

Drainage Capital Projects
Calloway Branch Channel Repair
DR1503

PROJECT DESCRIPTION & JUSTIFICATION

This is for the repair of failing channel along the Calloway Branch Channel that has resulted in the loss of material in several backyards along Waggoner Ranch Road. With the extraordinary rainfall this spring the side slopes of a portion of this channel failed, sliding into the channel bottom and causing a loss of material in several of the backyards along Waggoner Ranch Road. Staff hired a Geotechnical firm to learn exactly what caused the failure and what could be done to correct the problem. Unfortunately, it is not as simple as replacing the dislodged material back onto the channel bank. The clay material is not suited to exist at the required slope with elevated moisture content. While the rains this year were unusually high, it is a high probability that we will experience the level of rainfall again at some point.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	09/2015		02/2016	
Land/ROW Acquisition				
Construction				
Other				

REVISION EXPLANATION

The hydraulic analysis of the Calloway Branch Channel Improvements resulted in a rise in water surface elevations. The rise resulting from work within the floodway will require FEMA approval of a Conditional Letter of Map Revision prior to construction. The preparation of a Conditional Letter of Map Revision was not included in the original scope of work for this project. In addition, there will be a required FEMA review fee for this project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$68,500	\$0	\$68,500		\$68,500
Reserves	0	30,000	30,000		\$30,000
			0		\$0
			0		\$0
			0		\$0
Total	\$68,500	\$30,000	\$98,500	\$0	\$98,500
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	68,500	30,000	98,500		\$98,500
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other			0		\$0
Total	\$68,500	\$30,000	\$98,500	\$0	\$98,500

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected	0	0	0	0	0	\$0

Drainage Capital Projects Main Street Drainage Improvements

DR1501

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of replacing approximately 1000 linear feet of 18" and 21" Reinforced Concrete Pipe (RCP) with 30" and 36" RCP beginning at Chilton Drive and ending at Crane Road. A branch of the new system will be extended up Jerry Court and will connect to an existing system. Because much of the storm drainage system will be underneath the existing street pavement the street cuts will be patched and the entire street will be overlaid to provide a uniform pavement finish and look. Some driveways and curb and gutter will be reconstructed. There will also be the relocation of approximately 400 feet of an existing 6" water and 6" sanitary sewer line.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	11/2014		03/2015	
Land/ROW Acquisition				
Construction	05/2015		11/2015	
Other				

REVISION EXPLANATION

Due to an increase in construction costs, all bids received exceeded the project's construction budget. In order to pay for construction, funds will need to be transferred into this project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$800,000	\$100,000	\$900,000		\$900,000
GO	0	120,000	120,000		\$120,000
			0		\$0
			0		\$0
			0		\$0
Total	\$800,000	\$220,000	\$1,020,000	\$0	\$1,020,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	89,500		89,500		\$89,500
Land/ROW Acquisition			0		\$0
Construction	710,500	220,000	930,500		\$930,500
Other			0		\$0
Total	\$800,000	\$220,000	\$1,020,000	\$0	\$1,020,000

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected						\$0

Drainage Capital Projects
Meadowview Channel Drainage Improvements
DR1004

PROJECT DESCRIPTION & JUSTIFICATION

Reconstruction of the existing concrete channel from Northfield Park to Jill Court and reconstructing larger box culverts at Northfield Drive.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	09/2010		07/2013	
Land/ROW Acquisition				
Construction	06/2014		05/2015	
Other				

REVISION EXPLANATION

Funds will be restored as part of the FY2015-16 revised budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO	\$1,863,222	(\$120,000)	\$1,743,222		\$1,743,222
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$1,863,222	(\$120,000)	\$1,743,222	\$0	\$1,743,222
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	415,000		415,000		\$415,000
Land/ROW Acquisition			0		\$0
Construction	1,448,222	(120,000)	1,328,222		\$1,328,222
Other			0		\$0
Total	\$1,863,222	(\$120,000)	\$1,743,222	\$0	\$1,743,222

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected						\$0

Utility Capital Projects
Franklin Court Sewer Addition and Gifford Connection
UT1601

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of design and construction of a new 6" sanitary sewer along Franklin Court with a partial connection to Gifford for future development. The project will consist of approximately 1,000 linear feet of 6" sanitary sewer. The lots on Franklin Court were platted in the 1950's and have not had access to NRH City utilities since that time. The older mobile homes on the street were served by individual septic systems. Currently the platted lot sizes (less than ¼ acre each) pose a challenge to development in the area as there is insufficient land area to accommodate conventional R-2 homes with onsite septic systems. A sanitary sewer stub-out to the far south end of Franklin Court was provided in the 1990's with Shady Oaks. Extending this system north to serve Franklin Court unlocks development potential on the immediate 19 lots and also allows for a future extension to serve Gifford Lane, which also lacks sewer service

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	11/2015		06/2016	
Land/ROW Acquisition	07/2016		08/2016	
Construction	08/2016		04/2017	
Other				

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$150,000	(\$150,000)	\$0		\$0
Certificates of Obligation	0	150,000	150,000	0	\$150,000
			0		\$0
			0		\$0
			0		\$0
Total	\$150,000	\$0	\$150,000	\$0	\$150,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	20,000		20,000		\$20,000
Land/ROW Acquisition	10,000		10,000		\$10,000
Construction	120,000	0	120,000	0	\$120,000
Other			0		\$0
Total	\$150,000	\$0	\$150,000	\$0	\$150,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Miscellaneous Water/Sewer Main Replacements (2016)

UT1603

PROJECT DESCRIPTION & JUSTIFICATION

This is an annual program that is completed by the Public Works Construction Division. The program will provide for water & sewer replacements on the following streets: Chapman Rd. (7104 Chapman to Brookshire), Cummings (Maplewood to Janetta), Mary Drive (Davis Blvd. to Stone).

The specific projects are selected based on factors such as maintenance cost, location, age, and size. This project provides for the retirement of existing water lines which are causing a decrease in system capacity and water quality. This project also replaces old lines that have significant maintenance and operating costs. The construction of these lines are completed by the Public Works Construction Division.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
------------------------	---------------------	----------------------	---------------------

Professional Services
 Engineering
 Land/ROW Acquisition
 Construction
 Other

10/2015

09/2016

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$420,000	(\$420,000)	\$0	\$0	\$0
Certificates of Obligation	0	420,000	420,000	0	\$420,000
			0		\$0
			0		\$0
			0		\$0
Total	\$420,000	\$0	\$420,000	\$0	\$420,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	420,000	0	420,000	0	\$420,000
Other			0		\$0
Total	\$420,000	\$0	\$420,000	\$0	\$420,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Sanitary Sewer Line Replacements (Crabtree & Onyx N.)

UT1604

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of pipe bursting 1,790 lf of 6 inch clay pipe on Crabtree Ln. The project will also include replacing a 6 inch ductile iron sewer main that crosses the storm drainage channel on Onyx Dr. N. (Kris Street through Charles Street).

The sanitary sewer line on Crabtree Ln. has root intrusion from surrounding vegetation that has caused deterioration to the existing pipe. The line is located in the rear easement of the surrounding homes. Numerous failures have occurred on the line and deterioration of the line is beyond typical repairs for city crews.

The sanitary sewer line on Onyx Dr N spans aerially across a storm drainage channel. The ductile iron pipe is deteriorating faster than normal due to the environment of the aerial pipe. A failure to this pipe could cause major violations from TCEQ (Texas Commission On Environmental Quality) due to having sanitary sewer discharging into the storm drain.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015		09/2016	
Land/ROW Acquisition				
Construction	01/2016		09/2016	
Other				

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$125,000	(\$125,000)	\$0	\$0	\$0
Certificates of Obligation	0	125,000	125,000	0	\$125,000
			0		\$0
			0		\$0
			0		\$0
Total	\$125,000	\$0	\$125,000	\$0	\$125,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design	20,000	0	20,000	0	\$20,000
Land/ROW Acquisition			0		\$0
Construction	105,000	0	105,000	0	\$105,000
Other			0		\$0
Total	\$125,000	\$0	\$125,000	\$0	\$125,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Small Water Main Replacements (2016)

UT1605

PROJECT DESCRIPTION & JUSTIFICATION

This is an annual program that is completed by the Public Works Construction Division. The project replaces old 2" and 4" water mains with 6" or larger water pipes and provides adequate fire hydrant coverage to areas currently without proper coverage. This project will provide for small water main replacement on the following streets: Shamrock Court (Ulster to Cul-de-sac), St. Patrick (Newman to Cork), Timberidge (Starnes to Timberlane), Terry Court (Scott to Cul-de-sac) , Still Meadows Cir. N & S.) Susan Court (Scott to Cul-de-sac) .

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2015		09/2016	
Other				

REVISION EXPLANATION

Source of funds moving from Reserves to CO's.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$420,000	(\$420,000)	\$0	\$0	\$0
Certificates of Obligation	0	420,000	420,000	0	\$420,000
			0		\$0
			0		\$0
			0		\$0
Total	\$420,000	\$0	\$420,000	\$0	\$420,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	420,000	0	420,000	0	\$420,000
Other			0		\$0
Total	\$420,000	\$0	\$420,000	\$0	\$420,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Walker Branch Intercept Project
UT1607

PROJECT DESCRIPTION & JUSTIFICATION

As the Transit Orientated Development (TOD) areas begin to develop it is becoming apparent that the city's existing sanitary sewer system needs to be upgraded. The Walker Branch Interceptor Project will consist of sanitary sewer improvements. Section one of the project will consist of increasing the sizes of the lines from 6-inch, 8-inch, and 10-inch to an 8-inch, 12-inch and a 15-inch respectively from Smithfield Road along Main Street to the Walker Creek and Mid-Cities Boulevard confluence. The total length of sewer line for this section is approximately 5,500 feet. Section two consists of replacing an 18-inch and 21-inch line with a 27-inch sewer line. The approximate length of this section of the project is 4,100 feet.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	07/2016		04/2017	
Land/ROW Acquisition				
Construction				
Other				

REVISION EXPLANATION

A portion of the sewer upgrade in the Smithfield area is on the city's long term CIP plan but will now need to be constructed sooner than we had originally planned and one portion is a direct result of the development of the TOD. Funding sources are split 50/50 from the impact fees (listed as other) and utility fees (listed as reserves).

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves (Utility fees)	\$0	\$216,525	\$216,525		\$216,525
Other (Impact fees)	0	200,000	200,000		\$200,000
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$416,525	\$416,525	\$0	\$416,525
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design	0	416,525	416,525		\$416,525
Land/ROW Acquisition	0		0		\$0
Construction	0		0		\$0
Other			0		\$0
Total	\$0	\$416,525	\$416,525	\$0	\$416,525

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Water Line Replacement on Susan Lee
UT1505

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of replacing 1,950 feet of the existing 12 inch cast iron water line and 1,600 feet of the existing 8 inch cast iron water line on Susan Lee Lane with new 12 inch PVC water line. This project will be performed by open cut trench method.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	05/2015		12/2015	
Land/ROW Acquisition				
Construction	03/2016		11/2016	
Other				

REVISION EXPLANATION

During construction, we found an eight inch water line that needs to be replaced in project ST0102. This water line was not originally accounted for in the construction budget. In order to pay for construction, funds will need to be transferred from this project into ST0102.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$800,000	(\$10,000)	\$790,000		\$790,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$800,000	(\$10,000)	\$790,000	\$0	\$790,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	105,000	(10,000)	95,000		\$95,000
Land/ROW Acquisition			0		\$0
Construction	695,000		695,000		\$695,000
Other			0		\$0
Total	\$800,000	(\$10,000)	\$790,000	\$0	\$790,000

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/2018	2018/2019	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects
Calloway Branch Trail Development (CMAQ)

PK9601

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the design and construction of a 5 mile on-road/off-road multi-purpose concrete trail along the Calloway Branch Drainage Corridor from Liberty Park to the John Barfield Trail. The trail has terminus points at Holiday Lane and at the John Barfield Trail within the Little Bear Creek Community Park site. Connections are provided to Liberty Park, Richfield Park, the Cotton Belt Trail, and Cross Timbers Park. The project, and associated time-line, is being implemented concurrently with the John Barfield Trail.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	01/1996		09/2012	
Land/ROW Acquisition				
Construction	04/2013		04/2016	
Other				

REVISION EXPLANATION

Funds are being transferred to the Northfield Park Redevelopment Project to cover the contract with Dunkin, Sims & Stoffels.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Federal/State Grants	\$733,120		\$733,120		\$733,120
Sales Tax	756,691	(5,500)	751,191		\$751,191
			0		\$0
			0		\$0
			0		\$0
Total	\$1,489,811	(\$5,500)	\$1,484,311	\$0	\$1,484,311
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	275,973		275,973		\$275,973
Land/ROW Acquisition			0		\$0
Construction	1,213,838	(5,500)	1,208,338		\$1,208,338
Other			0		\$0
Total	\$1,489,811	(\$5,500)	\$1,484,311	\$0	\$1,484,311

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects

Northfield Park Redevelopment

PK1603

PROJECT DESCRIPTION & JUSTIFICATION

This project involves the redevelopment of the existing community park and adjacent natural area through the design and construction of new amenities based on meetings to gather stakeholder input. Recommended park elements for the redevelopment of the park include a new park entry, new modern park layout with a unique theme, upgrade of all equipment and support facilities and introduction of loop trails. This project will also ensure the protection of the natural creek corridor and provide engaging views to natural areas.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015		09/2016	
Land/ROW Acquisition				
Construction	12/2016		12/2017	
Other				

REVISION EXPLANATION

Dunkin, Sims & Stoffels were selected to provide professional services for the redevelopment of Northfield Park. Their contract was negotiated to \$402,500 which required an additional \$5,500 which was available from savings in PK9601.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	\$397,000	\$5,500	\$402,500		\$402,500
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$397,000	\$5,500	\$402,500	\$0	\$402,500
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	397,000	5,500	402,500		\$402,500
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other			0		\$0
Total	\$397,000	\$5,500	\$402,500	\$0	\$402,500

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects

Trail Head Gateway

PK1608

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the design and construction of trail head gateways to our trail system that would offer amenities for trail users to include information kiosks or signage, landscaped gateway monuments and parking for trail users. FY 2015-2016 priorities include a trail head gateway for the John Barfield Trail at Fire Station # 1 on Davis and Shadywood.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015		01/2016	
Land/ROW Acquisition				
Construction	03/2016		09/2016	
Other				

REVISION EXPLANATION

Double D Contracting was selected as having the best value to the city with their proposal, which was slightly over budget. Staff was able to review options with DoubleD to reduce cost by \$5,500 without reducing the scope of the project. This reduced the amount of additional funding needed for the project to \$10,260. These funds are available in the park Development Fund, reserve for future capital projects.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	\$20,000		\$20,000		\$20,000
Other	90,000	2,000	92,000		\$92,000
Reserves		10,260	10,260		\$10,260
			0		\$0
			0		\$0
Total	\$110,000	\$12,260	\$122,260	\$0	\$122,260
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	15,000	(11,540)	3,460		\$3,460
Land/ROW Acquisition			0		\$0
Construction	95,000	23,800	118,800	0	\$118,800
Other			0		\$0
Total	\$110,000	\$12,260	\$122,260	\$0	\$122,260

IMPACT ON OPERATING BUDGET

Minimal impact is anticipated

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects

Unforeseen Park Damage

PK1609

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the repair and replacement of park amenities and structures as well as street and right-of-way landscape, hardscape, furniture and other enhancements in response to unanticipated or foreseen damage resulting from vandalism or accidents.

This project allows for quickly responding to damage or vandalism of landscape features, amenities and structures in our parks and within our rights-of-way arising from accidents or vandalism. Often, public safety is paramount to taking quick action to repair such damage. Because processing insurance claims is a time consuming course of action, allocated funds to repair this damage allows staff to respond to the accident or vandalism event quickly, preserving public safety and maintaining a positive City image, especially when located in areas of high visibility.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION
------------------------	---------------------

ORIGINAL END DATE	2015/16 REVISION
----------------------	---------------------

Professional Services
Engineering
Land/ROW Acquisition
Construction
Other

10/2016

09/2017

REVISION EXPLANATION

This project is a result of damage that occurred at various places around the city parks. This project was not a part of the FY15-16 budget, it will now become an annual project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$0	\$60,000	\$60,000	\$0	\$60,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$60,000	\$60,000	\$0	\$60,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	0	60,000	60,000	0	\$60,000
Other			0		\$0
Total	\$0	\$60,000	\$60,000	\$0	\$60,000

IMPACT ON OPERATING BUDGET

Minimal impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects

Unforeseen Park Damage

PK1609

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the repair and replacement of park amenities and structures as well as street and right-of-way landscape, hardscape, furniture and other enhancements in response to unanticipated or foreseen damage resulting from vandalism or accidents.

This project allows for quickly responding to damage or vandalism of landscape features, amenities and structures in our parks and within our rights-of-way arising from accidents or vandalism. Often, public safety is paramount to taking quick action to repair such damage. Because processing insurance claims is a time consuming course of action, allocated funds to repair this damage allows staff to respond to the accident or vandalism event quickly, preserving public safety and maintaining a positive City image, especially when located in areas of high visibility.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION
------------------------	---------------------

ORIGINAL END DATE	2015/16 REVISION
----------------------	---------------------

Professional Services
Engineering
Land/ROW Acquisition
Construction
Other

10/2016

09/2017

REVISION EXPLANATION

This project is a result of damage that occurred at various places around the city parks. This project was not a part of the FY15-16 budget, it will now become an annual project. Another incident was added to this project on 3/31.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$60,000	\$1,535	\$61,535	\$0	\$61,535
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$60,000	\$1,535	\$61,535	\$0	\$61,535
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	60,000	1,535	61,535	0	\$61,535
Other			0		\$0
Total	\$60,000	\$1,535	\$61,535	\$0	\$61,535

IMPACT ON OPERATING BUDGET

Minimal impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects

NRH2O Slide Tower Replacement

WP1503

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for the first major attraction renovation identified in the recently completed NRH2O Long Term Development Plan. The project will include the design and construction of a new themed slide tower and slides replacing the original wooden slide tower and body slides. Demolition of the existing tower and slides will allow for construction of the new tower which will provide access to four new slide experiences.

As designated in prior and current NRH2O Strategic Plans, new facilities and attractions must be added to continue to keep current guests attending as well as attracting future guests. NRH2O continues to add these facilities at the rate of approximately once every 2-3 years. Continued development enables the park to reach audiences and increase the economic opportunities for the City of North Richland Hills. This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for the guests.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2014		01/2015	
Land/ROW Acquisition				
Construction	01/2015		05/2016	
Other				

REVISION EXPLANATION

Rest of the Bid Bond money will be utilized to finance this project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$200,000	\$117,769	\$317,769	\$0	\$317,769
Certificate of Obligation	2,600,000	0	2,600,000		\$2,600,000
			0		\$0
			0		\$0
			0		\$0
Total	\$2,800,000	\$117,769	\$2,917,769	\$0	\$2,917,769
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	200,000		200,000		\$200,000
Land/ROW Acquisition			0		\$0
Construction	2,600,000	117,769	2,717,769	0	\$2,717,769
Other			0		\$0
Total	\$2,800,000	\$117,769	\$2,917,769	\$0	\$2,917,769

IMPACT ON OPERATING BUDGET

Impact on revenue

<u>ANNUAL OPERATING IMPACT</u>	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects

NRH2O Slide Tower Replacement

WP1503

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for the first major attraction renovation identified in the recently completed NRH2O Long Term Development Plan. The project will include the design and construction of a new themed slide tower and slides replacing the original wooden slide tower and body slides. Demolition of the existing tower and slides will allow for construction of the new tower which will provide access to four new slide experiences.

As designated in prior and current NRH2O Strategic Plans, new facilities and attractions must be added to continue to keep current guests attending as well as attracting future guests. NRH2O continues to add these facilities at the rate of approximately once every 2-3 years. Continued development enables the park to reach audiences and increase the economic opportunities for the City of North Richland Hills. This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for the guests.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2014		01/2015	
Land/ROW Acquisition				
Construction	01/2015		05/2016	
Other				

REVISION EXPLANATION

Reallocating funds from PS to CN to accommodate Change Order No. 2 to JC Commercial.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$351,183		\$351,183		\$351,183
Certificate of Obligation	2,600,000		2,600,000		\$2,600,000
			0		\$0
			0		\$0
			0		\$0
Total	\$2,951,183	\$0	\$2,951,183	\$0	\$2,951,183
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design	200,000	(5,908)	194,092		\$194,092
Land/ROW Acquisition			0		\$0
Construction	2,751,183	5,908	2,757,091		\$2,757,091
Other			0		\$0
Total	\$2,951,183	\$0	\$2,951,183	\$0	\$2,951,183

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects

NRH2O Slide Tower Replacement

WP1503

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for the first major attraction renovation identified in the recently completed NRH2O Long Term Development Plan. The project will include the design and construction of a new themed slide tower and slides replacing the original wooden slide tower and body slides. Demolition of the existing tower and slides will allow for construction of the new tower which will provide access to four new slide experiences.

As designated in prior and current NRH2O Strategic Plans, new facilities and attractions must be added to continue to keep current guests attending as well as attracting future guests. NRH2O continues to add these facilities at the rate of approximately once every 2-3 years. Continued development enables the park to reach audiences and increase the economic opportunities for the City of North Richland Hills. This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for the guests.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2014		01/2015	
Land/ROW Acquisition				
Construction	01/2015		05/2016	
Other				

REVISION EXPLANATION

To accommodate Change Order No. 1 to Walker Utilities. Additional funding is currently available as part of the Fiscal Year 2015-16 Aquatic Park Development Fund designated for reserves.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$351,183	\$1,175	\$352,358		\$352,358
Certificate of Obligation	2,600,000		2,600,000		\$2,600,000
			0		\$0
			0		\$0
			0		\$0
Total	\$2,951,183	\$1,175	\$2,952,358	\$0	\$2,952,358
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	200,000		200,000		\$200,000
Land/ROW Acquisition			0		\$0
Construction	2,751,183	1,175	2,752,358		\$2,752,358
Other			0		\$0
Total	\$2,951,183	\$1,175	\$2,952,358	\$0	\$2,952,358

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

<u>ANNUAL OPERATING IMPACT</u>	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects

NRH2O Slide Tower Replacement

WP1503

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for the first major attraction renovation identified in the recently completed NRH2O Long Term Development Plan. The project will include the design and construction of a new themed slide tower and slides replacing the original wooden slide tower and body slides. Demolition of the existing tower and slides will allow for construction of the new tower which will provide access to four new slide experiences.

As designated in prior and current NRH2O Strategic Plans, new facilities and attractions must be added to continue to keep current guests attending as well as attracting future guests. NRH2O continues to add these facilities at the rate of approximately once every 2 -3 years. Continued development enables the park to reach audiences and increase the economic opportunities for the City of North Richland Hills. This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for the guests.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2014		01/2015	
Land/ROW Acquisition				
Construction	01/2015		05/2016	
Other				

REVISION EXPLANATION

To Accommodate Change Order no. 2 to JC Commercial. Additional funding is currently available as part of the Fiscal Year 2015-16 Aquatic Park Development Fund designated for reserves.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$317,769	\$33,414	\$351,183	\$0	\$351,183
Certificate of Obligation	2,600,000	0	2,600,000		\$2,600,000
			0		\$0
			0		\$0
			0		\$0
Total	\$2,917,769	\$33,414	\$2,951,183	\$0	\$2,951,183
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	200,000		200,000		\$200,000
Land/ROW Acquisition			0		\$0
Construction	2,717,769	33,414	2,751,183		\$2,751,183
Other			0		\$0
Total	\$2,917,769	\$33,414	\$2,951,183	\$0	\$2,951,183

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects
NRH2O Parking Lot Improvements
WP1504

PROJECT DESCRIPTION & JUSTIFICATION

This project involves the removal of existing parking spaces in order to accommodate adjacent commercial development along the north property line of the park. A portion of a parking drive isle will be removed and parking spaces will be re-configured accordingly.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	09/2015		12/2015	
Other				

REVISION EXPLANATION

It has been determined that additional funding will be required to complete the project

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$75,000	\$8,250	\$83,250		\$83,250
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$75,000	\$8,250	\$83,250	\$0	\$83,250
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	75,000	8,250	83,250		\$83,250
Other			0		\$0
Total	\$75,000	\$8,250	\$83,250	\$0	\$83,250

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

**Municipal Facility Capital Projects
Building ACM Abatement and Site Demolition**

FC1602

PROJECT DESCRIPTION & JUSTIFICATION

Contract with a materials monitoring company and with an ACM abatement/demolition contractor for the city building located at 6720 NE Loop 820. Complete removal of all utilities back to the service tap and the demolition and removal of all structures from the site. This will leave the property a vacant lot for future development.
With the completion of the new City Hall Complex all departments currently located at 6720 and 7301 NE Loop 820 will relocate to the new City Hall. To prepare for the sale and/or future development of this site, all existing structures is to be removed. Demolition of structures will provide a site for future investment and or development opportunities.
Project funding source is Facilities Reserves and the sale of property.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services		01/2016		01/2017
Engineering				
Land/ROW Acquisition				
Construction				
Other				

REVISION EXPLANATION

Project was not included at time of adoption, this is a proposed FY17 project that is needed in FY16

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$0	\$275,000	\$275,000	\$0	\$275,000
Other - Sale of Property		355,000	355,000		\$355,000
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$630,000	\$630,000	\$0	\$630,000
PROJECT EXPENDITURES					
Professional Services	\$0	\$74,000	\$74,000	\$0	\$74,000
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	0	556,000	556,000	0	\$556,000
Other			0		\$0
Total	\$0	\$630,000	\$630,000	\$0	\$630,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Municipal Facility Capital Projects
City Hall (Municipal Government Complex)

FC1205

PROJECT DESCRIPTION & JUSTIFICATION

This project is for the design, acquisition, and construction of a new municipal complex up to 183,000 square feet to consolidate multiple city services and departments into one location. The new City Hall (Municipal Government Complex) will include the following city services and departments: City Hall, Police Department (including Police Property, Traffic, Crime Scene and SWAT), Municipal Court, Parks Administration, Citicable, Fire Administration & Emergency Management, and Neighborhood Services. The proposed 183,000 square feet would be constructed to provide Public Safety operations 93,000 square feet, City Hall 75,000 square feet, and Municipal Court 15,000 square feet. The square feet dimensions by function could be redefined during the design process.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	07/2012		09/2016	
Engineering	07/2012		09/2016	
Land/ROW Acquisition	06/2012		02/2013	
Construction	12/2013		09/2016	
Other				

REVISION EXPLANATION

Revision to include additional funding

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	\$48,250,000	\$0	\$48,250,000	\$0	\$48,250,000
Certificates of Obligation	18,600,000	0	18,600,000	0	\$18,600,000
Other	2,379,337	54,950	2,434,287	0	\$2,434,287
			0		\$0
			0		\$0
Total	\$69,229,337	\$54,950	\$69,284,287	\$0	\$69,284,287
PROJECT EXPENDITURES					
Professional Services	\$4,944,197	\$0	\$4,944,197	\$0	\$4,944,197
Engineering/Design	282,000	0	282,000	0	\$282,000
Land/ROW Acquisition	162,785	0	162,785	0	\$162,785
Construction	58,645,756	0	58,645,756	0	\$58,645,756
Other	5,194,599	54,950	5,249,549	0	\$5,249,549
Total	\$69,229,337	\$54,950	\$69,284,287	\$0	\$69,284,287

IMPACT ON OPERATING BUDGET

Operating impact will be added after Consultants are hired and provided a Performa on estimated expenditures.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects

Ambulance Replacement Unit 958

FS1601

PROJECT DESCRIPTION & JUSTIFICATION

This is the purchase of a new ambulance to replace unit 958, a 2002 year-model Ford 450 outfitted with a 14' Frazer brand generator-powered module. When replaced, the ambulance will be 14 years old and have an estimated odometer reading of 172,000 miles.

Estimated cost of the ambulance is \$240,000 which does not include the cost of any replacement medical equipment, if required. The Fire Department operates three front-line ambulances and utilizes three reserve ambulances. A new ambulance is placed into front line service for six years and then utilized as a reserve unit for another six years. The new ambulance will be placed into front line service at Fire Station No. 3. Unit 980, which is a 2009 year-model, will then be placed into reserve status for six years. Each fire station that operates a front line ambulance also has a reserve unit located at that same location. This helps ensure an ambulance can respond as needed.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015	10/2015	12/2015	02/2016
Land/ROW Acquisition				
Construction	12/2015	03/2016	06/2016	09/2016
Other				

REVISION EXPLANATION

The quote came in higher than anticipated due to the Stryker cot and load system previously funded by the Fire Department. Funds will be transferred from another Fleet capital project that experience savings in order to cover the higher than anticipated costs.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$240,000	\$30,000	\$270,000	\$0	\$270,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$240,000	\$30,000	\$270,000	\$0	\$270,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	240,000	30,000	270,000		\$270,000
Total	\$240,000	\$30,000	\$270,000	\$0	\$270,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects

Gradall Excavator Replacement Unit 633

FS1602

PROJECT DESCRIPTION & JUSTIFICATION

This is the purchase of a new Gradall excavator to replace unit 633, a 1998 year-model XL4100 series tandem-axle excavator outfitted with dual cabs and air conditioning. When replaced, the Gradall will be 18 years old and have an estimated odometer reading of 27,500 miles.

The CIP Major Capital equipment replacement program was implemented using the recommendations obtained in an independent study conducted for the City by Peat Marwick in August of 1986 and August of 1993 which recommended a minimum 10-year replacement for capital equipment. At the 10-year interval, the equipment is evaluated for replacement based on frequency of use, the number of like equipment in the fleet, equipment condition, and the availability of parts and service. The Gradall excavator is a specialized one-of-a-kind unit setup which is subject to 24 hours/7 days a week operation by the user department for maintenance of the City roadways and creeks. The replacement excavator would be equipped with an energy-efficient clean-burning diesel engine which meets the replacement guidelines of the Clean Fleet Vehicle Program.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other	10/2015	12/2015	04/2016	03/2016

REVISION EXPLANATION

The quote came in higher than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$375,000	\$25,000	\$400,000		\$400,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$375,000	\$25,000	\$400,000	\$0	\$400,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	375,000	25,000	400,000		\$400,000
Total	\$375,000	\$25,000	\$400,000	\$0	\$400,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

<u>ANNUAL OPERATING IMPACT</u>	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects

Pothole Patcher Replacement Unit 673

FS1603

PROJECT DESCRIPTION & JUSTIFICATION

This is the purchase of a new pothole patcher to replace unit 673, a 1999 year-model GMC Kodiak with a Pro-Patch module. Estimated cost of the pothole patcher is \$172,600. When replaced, the pothole patcher will be 17 years old and have an estimated odometer reading of 82,000 miles.

The CIP Major Capital equipment replacement program was implemented using the recommendations obtained in an independent study conducted for the City by Peat Marwick in August of 1986 and August of 1993 which recommended a minimum 10-year replacement for capital equipment. At the 10-year interval, the equipment is evaluated for replacement based on frequency of use, the number of like equipment in the fleet, equipment condition, and the availability of parts and service. The pothole patcher is a specialized one-of-a-kind unit setup used to maintain City streets. The City currently has two of these units in service. The replacement pothole patcher would be equipped with an energy-efficient clean-burning diesel engine which meets the replacement guidelines of the Clean Fleet Vehicle Program.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015	10/2015	12/2015	01/2016
Land/ROW Acquisition				
Construction				
Other	01/2016	02/2016	07/2016	07/2016

REVISION EXPLANATION

The quote came in higher than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$172,600	\$5,800	\$178,400		\$178,400
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$172,600	\$5,800	\$178,400	\$0	\$178,400
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	172,600	5,800	178,400		\$178,400
Total	\$172,600	\$5,800	\$178,400	\$0	\$178,400

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects
Street Sweeper Replacement Unit 6627
FS1604

PROJECT DESCRIPTION & JUSTIFICATION

This is the purchase of a new street sweeper to replace unit 6627, which is a 2007 year-model Tymco street sweeper. When replaced, the street sweeper will be 9 years old and have an estimated odometer reading of 53,000 miles. The street sweeper is a specialized one-of-a-kind unit which is subject to 24 hours/7 days a week operation by the user department for sweeping City streets and parking lots. The City also provides backup emergency assistance with this specialized equipment to surrounding cities as requested. The replacement street sweeper would be equipped with an energy-efficient clean-burning diesel engine which meets the replacement guidelines of the Clean Fleet Vehicle Program.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION
------------------------	---------------------

ORIGINAL END DATE	2015/16 REVISION
----------------------	---------------------

Professional Services
 Engineering
 Land/ROW Acquisition
 Construction
 Other

10/2015

04/2016

REVISION EXPLANATION

City issues CO's in increments of \$5,000 so this project needed to be rounded up.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$291,900	\$3,100	\$295,000		\$295,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$291,900	\$3,100	\$295,000	\$0	\$295,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	291,900	3,100	295,000		\$295,000
Total	\$291,900	\$3,100	\$295,000	\$0	\$295,000

IMPACT ON OPERATING BUDGET

No impact is expected

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects

Street Sweeper Replacement Unit 6627

FS1604

PROJECT DESCRIPTION & JUSTIFICATION

This is the purchase of a new street sweeper to replace unit 6627, which is a 2007 year-model Tymco street sweeper. Estimated cost of the street sweeper is \$291,900. When replaced, the street sweeper will be 9 years old and have an estimated odometer reading of 53,000 miles.

The CIP Major Capital equipment replacement program was implemented using the recommendations obtained in an independent study conducted for the City by Peat Marwick in August of 1986 and August of 1993 which recommended a minimum 10-year replacement for capital equipment. At the 10-year interval, the equipment is evaluated for replacement based on frequency of use, the number of like equipment in the fleet, equipment condition, and the availability of parts and service. The street sweeper is a specialized one-of-a-kind unit which is subject to 24 hours/7 days a week operation by the user department for sweeping City streets and parking lots. The replacement street sweeper would be equipped with an energy-efficient clean-burning diesel engine which meets the replacement guidelines of the Clean Fleet Vehicle Program.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services				
Engineering	10/2015	10/2015	12/2015	12/2015
Land/ROW Acquisition				
Construction				
Other	01/2016	01/2016	07/2016	07/2016

REVISION EXPLANATION

The quote came in lower than anticipated.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$295,000	(\$55,000)	\$240,000		\$240,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$295,000	(\$55,000)	\$240,000	\$0	\$240,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	295,000	(55,000)	240,000		\$240,000
Total	\$295,000	(\$55,000)	\$240,000	\$0	\$240,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Economic Development Capital Projects

City Point Infrastructure

ED 1601

PROJECT DESCRIPTION & JUSTIFICATION

This is for the purchasing of the land for new municipal facilities

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION
------------------------	---------------------

ORIGINAL END DATE	2015/16 REVISION
----------------------	---------------------

Professional Services
Engineering
Land/ROW Acquisition
Construction
Other

REVISION EXPLANATION

Project created after first of new fiscal year

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$0	\$2,596,070	\$2,596,070	\$0	\$2,596,070
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$2,596,070	\$2,596,070	\$0	\$2,596,070
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition	0	2,596,070	2,596,070	0	\$2,596,070
Construction			0		\$0
Other			0		\$0
Total	\$0	\$2,596,070	\$2,596,070	\$0	\$2,596,070

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Municipal Facility Capital Projects

Loop 820 Redevelopment

ED1002

PROJECT DESCRIPTION & JUSTIFICATION

The North Tarrant Express is bringing added attention and interest from the commercial development community at this key North Richland Hills intersection. This project will provide the ability to optimize accessibility and dictate uses with an emphasis on quality and impact to community. The construction costs associated with creating left turn access from southbound Rufe Snow via Corona into the southeast corner of Rufe Snow & Loop 820 is also included.

To optimize transportation access while controlling future development, the City stands to benefit through the following:

1. Increase in sales tax revenues.
2. Increase in property tax revenues.
3. Potential increase in hotel tax revenues.
4. Indirect positive impact to other commercial areas within the vicinity.
5. Provide NRH citizens with a high quality development.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	12/2010		09/2016	
Engineering				
Land/ROW Acquisition	11/2009		02/2017	
Construction				
Other				

REVISION EXPLANATION

Reduce funding as purchases were shifted to more appropriate project, that was a revision in FY16.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$1,600,463	(\$431,366)	\$1,169,097	\$0	\$1,169,097
Other	426,475	0	426,475	0	\$426,475
			0		\$0
			0		\$0
			0		\$0
Total	\$2,026,938	(\$431,366)	\$1,595,572	\$0	\$1,595,572
PROJECT EXPENDITURES					
Professional Services	\$100,000	\$0	\$100,000	\$0	\$100,000
Engineering/Design			0		\$0
Land/ROW Acquisition	1,776,938	(431,366)	1,345,572	0	\$1,345,572
Construction	150,000	0	150,000		\$150,000
Other			0	0	\$0
Total	\$2,026,938	(\$431,366)	\$1,595,572	\$0	\$1,595,572

IMPACT ON OPERATING BUDGET

Minimal operating impact expected

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Economic Development Capital Projects

Loop 820 Redevelopment (2016)

ED 1602

PROJECT DESCRIPTION & JUSTIFICATION

With the North Tarrant Express finalized, continued interest from potential business brings a need to facilitate high quality uses along the sound side of the 820 corridor, just east of Rufe Snow. This project will allow the city the ability to attract quality positive full service restaurants to the community.

PROJECT STATUS

ORIGINAL START DATE	2015/16 REVISION
------------------------	---------------------

ORIGINAL END DATE	2015/16 REVISION
----------------------	---------------------

Professional Services
Engineering
Land/ROW Acquisition
Construction
Other

01/2016

12/2016

REVISION EXPLANATION

Project created after first of new fiscal year.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$0	\$5,185,000	\$5,185,000	\$0	\$5,185,000
Other	0	1,315,000	1,315,000	0	\$1,315,000
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$6,500,000	\$6,500,000	\$0	\$6,500,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	0	6,500,000	6,500,000	0	\$6,500,000
Total	\$0	\$6,500,000	\$6,500,000	\$0	\$6,500,000

IMPACT ON OPERATING BUDGET

Impact on operating budget is expected to be minimal.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Other Capital Projects
North Texas Anti-Gang Center
FC1505

PROJECT DESCRIPTION & JUSTIFICATION

The North Texas High Intensity Drug Trafficking Area (HIDTA) program is one of 28 HIDTAs across the country and is the one in which the City of North Richland Hills is located. NTHIDTA desires to start a new task force specifically to deal with gangs and has applied for a grant from the Office of the Governor to start the program. The grant funds must be disbursed to a governmental entity and requires a fiduciary to administer the funds and pay invoices generated by NTHIDTA. The Governor's office has contacted the City of North Richland Hills about acting as the fiduciary for this grant. As fiduciary, the City will receive a 5% administrative fee for such services. This fee, estimated at \$61,424, is reflected in the Other category and will be transferred out of the project as a project expense as it earned. This project is the result of the Office of the Governor contacting the city of North Richland Hills to act as the fiduciary agent responsible for administering this particular grant. This is federal grant money that is filtered from the state.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	03/2015		08/2016	09/2016
Engineering				
Land/ROW Acquisition				
Construction	03/2015		08/2016	09/2016
Other	03/2015		08/2016	09/2016

REVISION EXPLANATION

On 02/16/2016, an MOA between NRH and the FBI was providing up to \$125,000 for the reimbursement of renovation expenses associated with the TAG space.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Federal/State Grants	\$1,211,751		\$1,211,751		\$1,211,751
Other		125,000	125,000		\$125,000
			0		\$0
			0		\$0
			0		\$0
Total	\$1,211,751	\$125,000	\$1,336,751	\$0	\$1,336,751
<u>PROJECT EXPENDITURES</u>					
Professional Services	\$530,827		\$530,827		\$530,827
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	615,000		615,000		\$615,000
Other	65,924	125,000	190,924		\$190,924
Total	\$1,211,751	\$125,000	\$1,336,751	\$0	\$1,336,751

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Other Capital Projects
North Texas Anti-Gang Center
FC1505

PROJECT DESCRIPTION & JUSTIFICATION

The North Texas High Intensity Drug Trafficking Area (HIDTA) program is one of 28 HIDTAs across the country and is the one in which the City of North Richland Hills is located. NTHIDTA desires to start a new task force specifically to deal with gangs and has applied for a grant from the Office of the Governor to start the program. The grant funds must be disbursed to a governmental entity and requires a fiduciary to administer the funds and pay invoices generated by NTHIDTA. The Governor's office has contacted the City of North Richland Hills about acting as the fiduciary for this grant. As fiduciary, the City will receive a 5% administrative fee for such services. This fee, estimated at \$61,424, is reflected in the Other category and will be transferred out of the project as a project expense as it earned. This project is the result of the Office of the Governor contacting the city of North Richland Hills to act as the fiduciary agent responsible for administering this particular grant. This is federal grant money that is filtered from the state.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	03/2015		08/2016	09/2016
Engineering				
Land/ROW Acquisition				
Construction	03/2015		08/2016	09/2016
Other	03/2015		08/2016	09/2016

REVISION EXPLANATION

This revision is due to the landlord providing \$170,000 for remodeling work.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Federal/State Grants	\$1,211,751		\$1,211,751		\$1,211,751
Other	125,000	170,000	295,000		\$295,000
			0		\$0
			0		\$0
			0		\$0
Total	\$1,336,751	\$170,000	\$1,506,751	\$0	\$1,506,751
PROJECT EXPENDITURES					
Professional Services	\$530,827		\$530,827		\$530,827
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	615,000	170,000	785,000		\$785,000
Other	190,924	0	190,924	0	\$190,924
Total	\$1,336,751	\$170,000	\$1,506,751	\$0	\$1,506,751

IMPACT ON OPERATING BUDGET

No operating impact expected.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Other Capital Projects
North Texas Anti-Gang Center (2016)

FC1603

PROJECT DESCRIPTION & JUSTIFICATION

The North Texas HIDTA (NTHIDTA) is one of 28 HIDTAs across the country and is the one in which the City of North Richland Hills is located. NTHIDTA desires to start a new task force specifically to deal with gangs and has applied for a grant from the Office of the Governor to start the program. The grant funds must be disbursed to a governmental entity and requires a fiduciary to administer the funds and pay invoices generated by NTHIDTA. The Governor's office has contacted the City of North Richland Hills about acting as the fiduciary for this grant. This grant was awarded directly by the Governor's Office and only includes monies from the State of Texas. (Project is in conjunction with the anti gang center grant awarded by the federal government.)

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services	03/2015		09/2016	
Engineering				
Land/ROW Acquisition				
Construction	03/2015		09/2016	
Other	03/2015		09/2016	

REVISION EXPLANATION

This grant was awarded in the middle of fiscal year 2015/2016.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Grant - State Grant		\$900,000	\$900,000	\$0	\$900,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$900,000	\$900,000	\$0	\$900,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	0	900,000	900,000		\$900,000
Other			0		\$0
Total	\$0	\$900,000	\$900,000	\$0	\$900,000

IMPACT ON OPERATING BUDGET

No impact on operating budget

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected	0	0	0	0	0	\$0

Other Capital Projects

TEX Rail

PW1601

PROJECT DESCRIPTION & JUSTIFICATION

This project is for the design of the TEX Rail that will be coming to North Richland Hills in the near future. The rail will stop at areas around Iron Horse and near Smithfield.

North Richland Hills is partnering with the T (Fort Worth Transportation Authority) to bring the light rail that extends from Fort Worth to Grapevine, and will have two stops in NRH.

PROJECT STATUS

	ORIGINAL START DATE	2015/16 REVISION	ORIGINAL END DATE	2015/16 REVISION
Professional Services		02/2016		10/2016
Engineering				
Land/ROW Acquisition				
Construction				
Other				

REVISION EXPLANATION

This project was not included in the original Capital Projects Budget for FY16.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2015/16	PROJECT REVISION	REVISED BUDGET THRU 2015/16	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Other	\$0	\$40,200	\$40,200	\$0	\$40,200
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$40,200	\$40,200	\$0	\$40,200
<u>PROJECT EXPENDITURES</u>					
Professional Services	\$0	\$40,200	\$40,200	\$0	\$40,200
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other			0		\$0
Total	\$0	\$40,200	\$40,200	\$0	\$40,200

IMPACT ON OPERATING BUDGET

No impact is anticipated.

ANNUAL OPERATING IMPACT	2015/16	2016/17	2017/18	2018/2019	2019/2020	TOTAL
Projected						\$0

**CITY OF NORTH RICHLAND HILLS
ADOPTED 2016/2017 CAPITAL PROJECTS BUDGET**

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GLOSSARY

ACCRUAL BASIS: The basis of accounting under which transactions are recognized when they occur, regardless of the timing of estimated cash flows.

ACCRUED EXPENSES: Expense incurred but not due until a later date.

ACTIVITY: A specified and distinguishable line of work performed by a Division.

ADOPTED BUDGET: A term used to describe revenue and expenditures for the fiscal year beginning October 1 of each year, as approved by the City Council.

AD VALOREM TAX (current): All property, real, personal, mixed tangible, intangible, annexations, additions, and improvements to property located within the taxing units jurisdiction which are subject to taxation on January 1 of the current fiscal year. Each year, following the final adoption of the budget ordinance, the City Council sets the tax rate and levy for the fiscal year beginning October 1 and continuing through the following September 20.

AD VALOREM TAX (delinquent): All taxes are due on receipt of bill and are delinquent if not paid before February 1 of the fiscal year in which the tax is imposed.

AD VALOREM TAX (penalty & interest): A delinquent tax incurs a penalty of six percent of the amount of the tax for the first calendar month it is delinquent, plus one percent for each additional month or portion of the month the tax remains unpaid prior to July 1 of the year in which it becomes delinquent. However, the delinquent tax on July 1 incurs a total penalty of twelve percent of the amount of the delinquent tax without regard to the number of months the tax has been delinquent.

APPRAISED VALUE: The market value of real and personal property located in the City as of January 1 each year, as determined by the Tarrant Appraisal District.

APPROPRIATION: A legal authorization granted by a legislative body to make expenditures and incur obligations for specific purposes. An appropriation is usually limited in amount and time when it may be expended.

ASSESSED VALUATION: A value that is established for real or personal property for use as a basis for levying property taxes. (Note: Property values are established by the Tarrant Appraisal District.)

AUDIT: An examination of an organizations' financial statements and the utilization of resources.

BAD DEBT: A debt that is not collectible and therefore worthless to the creditor

BALANCED BUDGET: A budget (i.e. financial plan, estimate, etc.) whose expenditures are equal to or less than revenues (resources).

BOND: A written promise to pay a specified sum of money, called the face value or principal amount, at a specified date in the future, called the maturity date, together with periodic interest at a specified rate.

BONDED DEBT: Portion of indebtedness represented by outstanding bonds.

BUDGET: A financial plan for a specified period of time (fiscal year) that matches all planned revenues and expenditures for various municipal services provided for the residents of the City.

GLOSSARY

BUDGET ADJUSTMENT: Legal procedure utilized by the City staff and City Council to revise a budget appropriation. The City of North Richland Hills has a written budget adjustment policy that allows adjustments in accordance with the City Charter.

BUDGET CALENDAR: Schedule of key dates which the City follows in the preparation and adoption of the budget.

BUDGET DOCUMENT: Instrument used by the budget-making authority to present a comprehensive financial plan of operations to the City Council.

BUDGET MESSAGE: The opening section of the document which provides the reader of the budget document with a general summary of the most important aspects of the budget, including current and previous fiscal years, and recommendations and views of the City Manager.

BUDGET ORDINANCE: The official enactment, by City Council to legally authorize City staff to obligate and expend resources.

BUDGETARY CONTROL: The control or management of a governmental or enterprise fund in accordance with an approved budget to keep expenditures within the limitations of available appropriations of revenue.

BUILDING MAINTENANCE FUND: A Fund whereby monies provide solely for the maintenance and upkeep of City owned buildings, facilities and structures. Refer to Resolution No. 97-39, approved September 8, 1997.

CAPITAL OUTLAY: An expenditure which results in the acquisition of or addition to fixed assets, and meets these criteria: has an anticipated useful life of more than one year; can be permanently identified as an individual unit of property; belongs to one of the following categories: Land, Buildings, Structures & Improvements, Equipment; constitutes a tangible, permanent addition to the value of City assets; does not constitute repair or maintenance; and, is not readily susceptible to loss.

CAPITAL PROJECT: A specific identifiable improvement or purpose for which expenditures are proposed within the capital budget or capital improvement program.

CAPITAL PROJECT FUND: A fund created to account for financial resources to be used for the acquisition or the construction of major capital facilities or equipment.

CASH BASIS: A basis of accounting under which transactions are recognized only when cash changes hand.

COMMUNITY EMERGENCY RESPONSE TEAM (CERT): If a disaster or emergency strikes and overwhelms or delays emergency responders, trained CERT members will be called upon to help save and sustain lives until additional emergency responders arrive.

CITY CHARTER: The document of a home rule City similar to a constitution, which establishes the City's government structure and provides for the distribution of powers and duties among the various branches of government.

CITY COUNCIL: The Mayor and seven (7) Council members collectively acting as the legislative and policymaking body of the City.

CODE RANGER PROGRAM: A program which became active in June 2012. The program has volunteers which observe code violations, including falling fence, high grass, and inoperable vehicles and illegals signs.

COMMUNITY DEVELOPMENT BLOCK GRANT (CDBG): Federal funds made available to municipalities

GLOSSARY

specifically for community revitalization.

CONTINGENCY: A budgetary reserve set-aside for emergencies or unforeseen expenditures not otherwise budgeted.

CONTRACTUAL SERVICES: The costs related to services performed for the City by individuals, businesses, or utilities.

CURRENT TAXES: Taxes levied and due within one year.

DEBT SERVICE: The City's obligation to pay the principal and interest of all bonds and other debt instruments according to a pre-determined payment schedule.

DEBT SERVICE FUND: A fund established to account for the accumulation of resources for the payment of principal and interest on long term debt, also called a Sinking Fund.

DEFICIT: The excess of the liabilities of a fund over its assets; or the excess of expenditures over revenues during an accounting period; or, in the case of proprietary funds, the excess of expense over income during an accounting period.

DELINQUENT TAXES: Taxes remaining unpaid on or after the date on which a penalty for non-payment is attached.

DEPARTMENT: Administrative subsection of the City that indicates management responsibility for an operation.

DEPRECIATION: That portion of the cost of a capital asset that is charged as an expense during a particular period. This is a process of estimating and recording the lost usefulness, expired useful life or diminution of service from a fixed asset that cannot or will not be restored by repair and will be replaced. The cost of the loss of usefulness of a fixed asset is the depreciation or the cost to reserve in order to replace the item at the end of its useful life.

DISTINGUISHED BUDGET PRESENTATION AWARD: A voluntary program administered by the Government Finance Officers Association to encourage governments to publish well organized and easily readable budget documents and to provide peer recognition and technical assistance to the fiscal officers preparing them.

EFFECTIVE TAX RATE: A rate which generates the same amount of revenues from property which is taxed in both years.

ENCUMBRANCES: Obligations in the form of purchase orders and contracts which are chargeable to an appropriation and for which a part of the appropriation is reserved because the goods or services have not been received. When paid, the encumbrance is liquidated.

ENTERPRISE FUND: A fund established to account for operations that are financed and operated in a manner similar to private business enterprises--where the intent of the governing body is that the costs of providing goods or services to the general public on a continuing basis be financed or recovered primarily through user charges.

EQUIPMENT REPLACEMENT FUND: A Fund whereby monies provide solely for the replacement, maintenance and upkeep of City owned equipment. Refer to Resolution No. 97-39, approved September 8, 1997.

EXPENDITURE: This term refers to the outflow of funds paid or to be paid for an asset obtained or goods and

GLOSSARY

services obtained regardless of when the expense is actually paid. This term applies to all funds.

EXPENSES: A decrease in net total assets. Expenses represent the total cost of operations during a period regardless of the timing of related expenditures.

FISCAL YEAR: The time period designated by the City signifying the beginning and ending period for recording financial transactions. The City of North Richland Hills has specified October 1 to September 30 as its fiscal year.

FIXED ASSETS: Assets of a long term character which are intended to continue to be held or used, such as land, buildings, machinery and equipment.

FRANCHISE FEE: The fee paid by public service businesses for use of City streets, alleys and property in providing their services to the citizens of a community. Services requiring franchises include electricity, telephone, natural gas and cable television.

FUND: An accounting entity with a separate set of self-balancing accounts which comprise its assets, liabilities, fund balance, revenues and expenditures.

FUND ACCOUNTING: A governmental accounting system that is organized and operated on a fund basis.

FUND BALANCE: The assets of a fund less liabilities, as determined at the end of each fiscal year. Any reservations of fund balance are deducted to result in an "unreserved fund balance".

FUND TYPE: In governmental accounting, all funds are classified into eight fund types: General, Special Revenue, Debt Services, Capital Projects, Special Assessment, Enterprise, Internal Service, and Trust and Agency.

GENERAL FUND: The largest fund within the City, the General Fund accounts for most of the financial resources of the government. General Fund revenues include property taxes, licenses and permits, local taxes, service charges, and other types of revenue. This fund usually includes most of the basic operating services, such as fire and police protection, park and recreation, libraries, public works, and general administration.

GENERAL OBLIGATION BONDS: Bonds that finance public projects such as streets, municipal facilities, and park improvements. The repayment of these bonds is made from property taxes, and these bonds are backed by the full faith and credit of the issuing government.

GENERALLY ACCEPTED ACCOUNTING PRINCIPLES (GAAP): Uniform minimum standard of and guidelines to financial accounting and reporting. They govern the form and content of the basic financial statements of an entity. They encompass the conventions, rules, and procedures necessary to define accepted accounting practice at a particular time. They include not only broad guidelines of general application, but also detailed practices and procedures. They provide a standard by which to measure financial presentations.

GOALS: Broad, general statements of each activity or department's desired outcomes.

GOVERNMENT FINANCE OFFICERS ASSOCIATION (GFOA): Association of public financial professionals founded in 1906 as the Municipal Finance Officers Association. The GFOA has played a major role in the development and promotion of GAAP for state and local government since its inception and has sponsored the Certificate of Achievement in Financial Reporting Program since 1946. It also publishes "Governmental Accounting, Auditing, and Financial Reporting" commonly known as the "blue book."

GLOSSARY

GOVERNMENTAL ACCOUNTING STANDARDS BOARD (GASB): Ultimate authoritative accounting and financial reporting standard-setting body for state and local governments. The GASB was established in June 1984 to replace the NCGA.

GOVERNMENTAL FUNDS: Funds generally used to account for tax-supported activities. There are five different types of governmental funds: the general fund, special revenue funds, debt service funds, capital projects funds, and permanent funds.

GRANT: A contribution by a government or other organization to support a particular function. Typically, these contributions are made to local governments from the state and federal governments.

HALF CENT SALES TAX: A half percent sales tax can be imposed by qualifying cities to fund specific development activities under the Development Corporation Act of 1979 with voter approval.

HOMESTEAD EXEMPTION: A deduction from the total taxable assessed value of owner occupied property. The exemption in North Richland Hills is 15% with an additional \$35,000 for disabled and senior citizens.

INCOME: A term used in proprietary fund type accounting to represent revenues, or the excess of revenues over expenses.

INFRASTRUCTURE: The underlying permanent foundation or basic framework.

INTEREST EARNINGS: The earnings from available funds invested during the year in U.S. Treasury Bonds, Government agencies, and Certificates of Deposits.

INTERFUND TRANSFER: Amounts transferred from one fund to another.

INTERNAL SERVICE FUND: Fund used to account for the financing of goods or services provided by one department to another department on a cost reimbursement basis.

INVESTMENTS: Securities and real estate held for the production of revenues in the form of interest, dividends, rentals, or lease payments. The term does not include fixed assets used in governmental operations.

LEVY: To impose taxes, special assessments, or service charges for the support of City services.

LIABILITIES: Debts or other legal obligations arising out of transactions in the past which must be liquidated, renewed, or refunded at some future date.

LINE ITEM BUDGET: A budget that lists each expenditure item separate along with the dollar amount budgeted for each specific account number.

LONG TERM DEBT: Debt with a maturity of more than one year after the date of issuance.

MAINTENANCE: All materials or contract expenditures covering repair and upkeep of City buildings, machinery and equipment, systems, and land.

MAINTENANCE & OPERATIONS (M&O): Represents the portion of taxes assessed for the maintenance and operations of the General Fund Services.

GLOSSARY

MIXED BEVERAGE TAX: A tax at the rate of ten (10%) percent imposed on the gross receipts of a Licensee for the sale, preparation, or service of mixed beverages or from the sale of ice or non-alcoholic beverages consumed on the premises of the permitted.

METROPLEX: The contiguous metropolitan area located in North Central Texas consisting of the Dallas-Fort Worth Area and surrounding areas including the City of North Richland Hills.

MODIFIED ACCRUAL BASIS: The accrual basis of accounting adapted to the governmental fund type spending measurement focus. Under it, revenues are recognized when they become both “measurable” and “available” to finance expenditures of the current period. Expenditures are recognized when the related fund liability is incurred except for (1) inventories of materials and supplies which may be considered expenditures either when purchased or when used; (2) prepaid insurance and similar items which need not be reported; (3) accumulated unpaid vacation, sick pay, and other employee benefit amounts which need not be recognized in the current period, but for which larger than normal accumulations must be disclosed in the notes to the financial statements; (4) interest on special assessment indebtedness which may be recorded when due rather than accrued, if offset by interest earnings on special assessment levies; and (5) principal and interest on long-term debt which are generally recognized when due.

MUNICIPAL: Of or pertaining to a city or its government.

NEIGHBORHOOD INITIATIVE PROGRAM: Program developed in 2004 by the City of North Richland Hills to help single parents, elderly, and people with disabilities with repairs to their homes and yard work. The city receives donated equipment and supplies from local businesses in order to help those in need.

NON-DEPARTMENTAL: Department to budget expenses that benefit the fund as a whole rather than a particular department within the fund.

OPERATING BUDGET: A financial plan outlining estimated revenues and expenditures and other information for a specified period (usually a fiscal year). The "proposed budget" is the financial plan presented by the City Manager for consideration by the City Council, and the "adopted budget" is the financial plan ultimately approved and authorized by the City Council.

OPERATING EXPENSES: Proprietary fund expenses that are directly related to the fund’s primary service activities.

OPERATING INCOME: The excess of proprietary fund operating revenues over operating expenses.

OPERATING REVENUES: Proprietary fund revenues that are directly related to the fund’s primary service activities. They consist primarily of user charges for services.

OPERATING TRANSFERS: All inter-fund transfers other than residual equity transfers.

ORDINANCE: A formal legislative enactment by the governing body of a municipality. It is not in conflict with any higher form of law, such as a state statute or constitutional provision, it has the full force and effect of law within the boundaries of the municipality to which it applies.

PER CAPITA COSTS: The cost of service per person. Per capita costs in North Richland Hills are based on a 60,500 estimated population provided by the North Central Texas Council of Governments.

PERFORMANCE MEASURES: Specific quantitative and qualitative measures of work performed as an objective of the department.

GLOSSARY

PERMANENT STREET MAINTENANCE FUND: A Fund whereby all monies provide solely for the maintenance and up keep of public streets, thoroughfares and public ways. Refer to Resolution No. 95-47, approved August 28, 1995.

PROGRAM DESCRIPTION: Describes the nature of service delivery provided at this level of funding.

PROGRAM GOALS: Program goals describe the purpose or benefit the activity or department plans to provide to the community and/or organizations it serves. Goals identify the end result the activity/department desires to achieve with its planned activities, but goals are often ongoing and may not be achieved in one year.

PROGRAM MEASURES: Productivity measures should reflect how well a program is performing its activities to meet the needs of the public and the organization. They should measure productivity, effectiveness, efficiency or the impact of a service provided. While activity measures indicate “how much” activity the department is performing, productivity measures identify “how well” the department/activity is performing.

PROGRAM OBJECTIVES: Program objectives are quantifiable steps toward accomplishing stated goals. They should have a specific time frame or measurable achievement. Objectives should be able to be reached or completed within the current fiscal year in most cases. Objectives are not required for every activity performed, but should focus on the major steps necessary for achieving established goals.

PROPERTY TAXES: Used to describe all revenues received in a period from current taxes, delinquent taxes, penalties and interest on delinquent taxes. Property taxes are levied on both real and personal property according to the property's valuation and tax rate.

PROPRIETARY FUNDS: Funds that focus on the determination of operating income, changes in net assets, (or cost recovery), financial position, and cash flows. There are two different types of proprietary funds: enterprise funds and internal service funds.

PUBLIC HEARING: The portions of open meetings held to present evidence and provide information on both sides of an issue.

RESERVE: An account used to indicate that a portion of fund balance is restricted for a specific purpose. An account used to earmark a portion of fund balance to indicate that it is not appropriate for expenditure. A reserve may also be an account used to earmark a portion of fund equity as legally segregated for a specific future use.

RESERVE FOR REPLACEMENT AND REPAIR OF INFRASTRUCTURE AT THE AQUATIC PARK: Funds in this reserve shall be specifically reserved annually for major improvements and replacements. This reserve is not for routine maintenance or the addition of attractions at the Park. Refer to Resolution No. 97-54, approved November 24, 1997.

RESOURCES: Assets that can be used to fund expenditures.

REVENUES: All amounts of money earned or received by the City from external sources.

REVENUE BONDS: Bonds whose principal and interest are payable exclusively from a revenue source pledged as the payment source before issuance.

SALES TAX: A general “sales tax” is levied on persons and businesses selling merchandise or services in the city limits on a retail basis. The categories for taxation are defined by state law. Monies collected under authorization of this tax are for the use and benefit of the city; however, no city may pledge anticipated revenues from this source to secure the payment of funds or other indebtedness.

GLOSSARY

SIDEWALK CONSTRUCTION FUND: A Fund whereby monies are solely for the purpose of construction and/or reconstruction of sidewalks throughout the City for the safety and convenience of pedestrians. Refer to Ordinance No. 2484, approved June 26, 2000.

SPECIAL REVENUE FUNDS: A fund used to account for the proceeds of specific revenue sources (other than special assessments, expendable trusts or for major capital projects) that are legally restricted to expenditures for specific purposes.

SUNDRY CHARGES: This includes items which are not in the supply or maintenance category. These expenses may be for services provided by private business organizations, by public utilities, for contract labor, for outside consultants, payment of claims and damages against the City, or service provided by some department of the government agency.

SUPPLIES: Expendable materials and operating supplies necessary to conduct the business of departmental activities.

TAX BASE: The total value of all real and personal property in the City as of January 1 of each year, as certified by the Appraisal Review Board. The tax base represents net value after all exemptions.

TAX INCREMENT FINANCING (TIF): The act of capturing the amount of property taxes levied by a taxing unit for the year on the appraised value of real property located within a defined investment zone. The tax increments are paid into the TIF fund and used to pay project costs within the zone, including debt service obligations.

TAX LEVY: The resultant product when the tax rate per one hundred dollars is multiplied by the tax base.

TAX RATE: A percentage applied to all taxable property to raise general revenues. It is derived by dividing the total tax levy by the taxable net property valuation.

TAX ROLL: The official list showing the amount of taxes levied against each taxpayer or property in the City. This list is provided to the City by Tarrant Appraisal District.

TAXABLE VALUE: Estimated value of taxable property to which the ad valorem tax rate is applied.

TAXES: Compulsory charges levied by a government for the purpose of financing services performed for the common benefit.

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (TCEQ): The Texas Commission on Environmental Quality (TCEQ) is the environmental agency for the state that is charged with protection of the state's health and development/preservation of natural resources consistent with economic development.

TEXAS DEPARTMENT OF TRANSPORTATION (TxDOT): An agency of the State of Texas responsible for regional and statewide transportation and a source of transportation and regional mobility grant funds.

TEXAS MUNICIPAL RETIREMENT SYSTEM (TMRS): A pension plan for employees of member cities with the State of Texas.

THE T: Originally named the Fort Worth Transportation Authority in 1983, The T provides transportation services in the form of buses, vanpools, and the Trinity Railway Express to citizens in the Tarrant County and North Texas area that is based out of Fort Worth, Texas.

GLOSSARY

TRANSIT ORIENTED DEVELOPMENT (TOD): The Transit Oriented Development or TOD is the creation of compact, vibrant communities that are centered around high quality train systems. The goal of TOD is to help citizens eliminate the need for cars by building walkable communities that essentially lead to a higher quality of life.

TRINITY RIVER AUTHORITY (TRA): The Trinity River Authority of Texas is tasked with providing water and wastewater treatment along with reservoir facilities as well as being the sponsor for federal water projects authorized by Texas Legislature within the boundaries that the TRA services.

USER CHARGES: The payment of a fee for direct receipt of a public service by the party benefiting from the service.

VOLUNTEERS IN POLICING SERVICE (VIPS): Help the NRH Police Department with non-enforcement duties, allowing police officers more time to focus on crime reduction.

WORKING CAPITAL: Budgeted working capital is calculated as a fund's current assets less current liabilities and outstanding encumbrances. The term is used to indicate unencumbered fund balances in enterprise funds such as the Utility, Golf Course, and Aquatic Park funds.

RESOLUTION NO. 2016-029

WHEREAS, the City of North Richland Hills is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Council of the City of North Richland Hills, Texas received the Ad Valorem Tax Roll for the Tax Year 2016 from the Tarrant Appraisal District in the amount of \$4,599,695,190, including minimum value or properties pending disposition before the Appraisal Review Board and the estimated net taxable value on incomplete properties; and

WHEREAS, the City Council studied said Tax Roll and approve same on September 26, 2016.

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS, TEXAS:

SECTION 1. That the approval of said Tax Roll received from the Tarrant Appraisal District in July 2016, be and is hereby ratified and said Tax Rolls shall be collectively considered the Tax Roll of this City for Tax Year 2016 and it is hereby in all things adopted and approved.

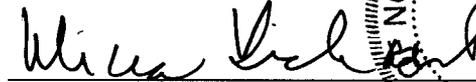
PASSED AND APPROVED this the 26th day of September, 2016.

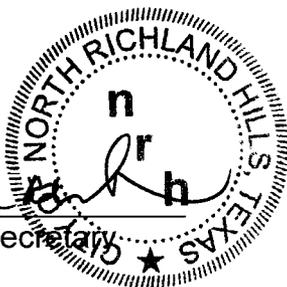
CITY OF NORTH RICHLAND HILLS

By: _____

Oscar Trevino, Mayor

ATTEST:

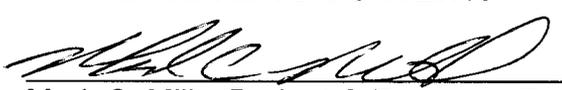

Alicia Richardson, City Secretary



APPROVED AS TO FORM AND LEGALITY:


Cara Leahy White, City Attorney

APPROVED AS TO CONTENT:


Mark C. Mills, Budget & Research Director

ORDINANCE NO. 3427

AN ORDINANCE ADOPTING THE BUDGET FOR THE FISCAL YEAR OCTOBER 1, 2016 THOUGH SEPTEMBER 30, 2017, IN ACCORDANCE WITH THE CHARTER OF THE CITY OF NORTH RICHLAND HILLS, TEXAS; PROVIDING FOR THE FILING OF THE BUDGET; ADOPTING THE AMENDED BUDGET FOR OCTOBER 1, 2015 THOUGH SEPTEMBER 30, 2016, PROVIDING FOR INVESTMENTS AND TRANSFERS; PROVIDING A SEVERABILITY CLAUSE AND PROVIDING AND EFFECTIVE DATE

WHEREAS, the City of North Richland Hills is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Manager of the City of North Richland Hills submitted a budget proposal to the City Council at least forty-five (45) days prior to the beginning of the fiscal year as required by the City Charter of the City of North Richland Hills; and

WHEREAS, the City Council finds that all provisions pertaining to the adoption of a budget contained in the City Charter and in state law have been in all things complied with; and

WHEREAS, in accordance with Section 102.001, et seq, TEX. LOC. GOV'T Code, the Council determined that a public hearing should be held at a time and place which was set forth in a notices published as required by law; and

WHEREAS, such public hearing on the budget was duly held on August 22, 2016, and all taxpayers were given an opportunity to attend and participate in such public hearing; and

WHEREAS, after full and final consideration, the City Council is of the opinion that the budget should be approved and adopted.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL, CITY OF NORTH RICHLAND HILLS, TEXAS, THAT:

SECTION 1. The budget of the Revenues of the City of North Richland Hills and the Expenses of conducting the affairs thereof for the ensuing Fiscal Year beginning October 1, 2016 and ending September 30, 2017, as modified by the City Council attached hereto as Exhibit A, be, and the same is, in all things, adopted and approved as the said City of North Richland Hills budget for the Fiscal Year beginning the first day of October, 2016, and ending the thirtieth day of September, 2017.

SECTION 2. The City Manager be and is hereby authorized to make inter-departmental and inter-fund transfers during the fiscal year as deemed necessary in order to avoid over-expenditure of particular accounts.

SECTION 3. The City Manager or his designee be and is hereby authorized to invest any funds not needed for current use in any lawful manner. Interest accrued from investments shall be deposited to the interest income account of the funds from which the principal was invested.

SECTION 4. The amended budget for the City of North Richland Hills for the fiscal year beginning October 1, 2015, and ending September 30, 2016, filed herewith is hereby amended and approved. A copy of the amended budget shall be filed with the City Secretary.

SECTION 5. The amended capital projects budget for the City of North Richland Hills for the fiscal year beginning October 1, 2015, and ending September 30, 2016, filed herewith are hereby amended and approved. A copy of the amended projects shall be filed with the City Secretary.

SECTION 6. This ordinance shall be cumulative of all provisions of ordinances and of the Code of Ordinances, City of North Richland Hills, Texas, as amended, except where the provisions are in direct conflict with the provisions of other ordinances, in which event the conflicting provisions of the other ordinances are hereby repealed.

SECTION 7. It is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs and sections of this ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City Council without the incorporation in this ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.

SECTION 8. This ordinance shall be in full force and effect from and after its passage as provided by law, and it is so ordained.

PASSED AND APPROVED on this the 26th day of September, 2016.

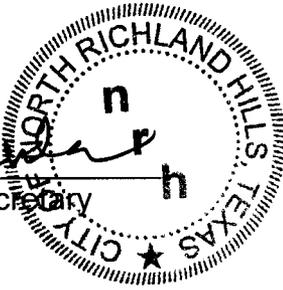
CITY OF NORTH RICHLAND HILLS

By: _____

Oscar Trevino, Mayor

ATTEST:


Alicia Richardson, City Secretary



APPROVED AS TO FORM AND LEGALITY:


Cara Leahy White, City Attorney

APPROVED AS TO CONTENT:


Mark C. Mills, Budget & Research Director

ORDINANCE NO. 3428

AN ORDINANCE SETTING THE TAX RATE; LEVYING AND ASSESSING GENERAL AND SPECIAL AD VALOREM TAXES FOR THE USE AND SUPPORT OF THE MUNICIPAL GOVERNMENT OF THE CITY OF NORTH RICHLAND HILLS, TEXAS; APPORTIONING THE LEVIES FOR SPECIFIC PURPOSES; PROVIDING A SEVERABILITY CLAUSE AND PROVIDING AN EFFECTIVE DATE.

WHEREAS, the City of North Richland Hills is a home rule city acting under its charter adopted by the electorate pursuant to Article XI, Section 5 of the Texas Constitution and Chapter 9 of the Local Government Code; and

WHEREAS, the City Manager of the City of North Richland Hills submitted a tax rate proposal to the City Council prior to the beginning of the fiscal year, and in said tax rate proposal set forth the estimated necessary tax rate required to provide adequate revenues for the general use and support of the Municipal Government of the City of North Richland Hills; and

WHEREAS, the City Council finds that all provisions pertaining to the adoption of an ad valorem tax rate have been in all things complied with; and

WHEREAS, Public Hearings were held by the City Council for the City of North Richland Hills on August 22, 2016, September 12, 2016 and September 19, 2016; and

WHEREAS, after a full and final consideration, the City Council is of the opinion that the tax rate should be approved and adopted; and

WHEREAS, the taxes have been levied in accordance with the adopted fiscal year 2017 budget as required by state law.

NOW, THEREFORE, BE IT ORDAINED BY THE CITY COUNCIL, CITY OF NORTH RICHLAND HILLS, TEXAS, THAT:

SECTION 1. There shall be and there is hereby levied and assessed and there shall be collected for the tax year 2016 for the general use and support of the Municipal Government of the City of North Richland Hills, Texas a total ad valorem tax of Sixty-One Cents (\$0.61) on each One Hundred Dollars (\$100.00) of valuation of property – real and personal – within the corporate limits of City of North Richland Hills, Texas, subject to taxation. The assessment ration shall be One Hundred percent (100%).

SECTION 2. The taxes collected shall be apportioned for the use as follows:

(a) For maintenance and operations levied on the \$100.00 valuation;
\$0.348083; and

(b) For interest and sinking levied on the \$100.00 valuation;
\$0.261917.

All monies collected and hereby apportioned and set apart for the specific purposes indicated and the funds shall be accounted for in such a manner as to readily show balances at any time.

SECTION 3. That the tax rate for maintenance and operations of \$0.348083 will impose an amount of taxes that exceeds the amount of taxes imposed for that purpose in the preceding year, therefore:

THIS TAX RATE WILL RAISE MORE TAXES FOR MAINTENANCE AND OPERATIONS THAN LAST YEAR'S TAX RATE.

SECTION 4. That the maintenance and operations tax rate of \$0.348083 exceeds the effective maintenance and operations rate of \$0.322308, therefore:

THIS TAX RATE WILL EFFECTIVELY BE RAISED BY 7.997 PERCENT AND WILL RAISE TAXES FOR MAINTENANCE AND OPERATIONS ON A \$100,000 HOME BY APPROXIMATELY \$25.78.

SECTION 5. It is hereby declared to be the intention of the City Council that the phrases, clauses, sentences, paragraphs and sections of this ordinance are severable, and if any phrase, clause, sentence, paragraph or section of this ordinance shall be declared unconstitutional by the valid judgment or decree of any court of competent jurisdiction, such unconstitutionality shall not affect any of the remaining phrases, clauses, sentences, paragraphs and sections of this ordinance, since the same would have been enacted by the City Council without the incorporation in this ordinance of any such unconstitutional phrase, clause, sentence, paragraph or section.

SECTION 6. this ordinance shall be in full force and effect from and after its passage as provided by law, and it is so ordained.

PASSED AND APPROVED on this the 26th day of September, 2016.

CITY OF NORTH RICHLAND HILLS

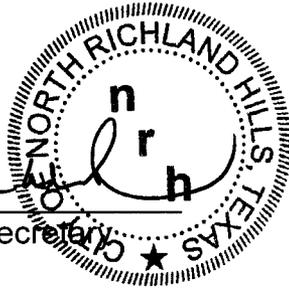
By: 

Oscar Trevino, Mayor

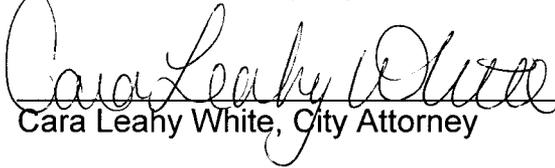
ATTEST:



Alicia Richardson, City Secretary



APPROVED AS TO FORM AND LEGALITY:



Cara Leahy White, City Attorney

APPROVED AS TO CONTENT:



Mark C. Mills, Budget & Research Director

RESOLUTION NO. 2016-035

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS AUTHORIZING REIMBURSEMENT OF CAPITAL EXPENDITURES WITH RESPECT TO PROCEEDS OF DEBT HEREAFTER TO BE INCURRED.

WHEREAS, the City of North Richland Hills, Texas (the "Issuer") intends to issue debt for the acquisition of multiple fire apparatus, street capital projects, and the redevelopment of existing parkland (collectively, the "Project") and further intends to make certain capital expenditures with respect to the Project and currently desires and expects to reimburse capital expenditures with proceeds of such debt;

WHEREAS, under Treas. Reg. § 1.150-2 (the "Regulation"), to fund such reimbursement with proceeds of tax-exempt obligations, the Issuer must declare its expectation to make such reimbursement; and

WHEREAS, the Issuer desires to preserve its ability to reimburse the capital expenditures with proceeds of tax-exempt obligations.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS, TEXAS THAT the Issuer reasonably expects to reimburse capital expenditures with respect to the Project with proceeds of debt hereafter to be incurred by the Issuer, and that this resolution shall constitute a declaration of official intent under the Regulation. The maximum principal amount of obligations expected to be issued for the Project is \$6,900,000.

AND IT IS SO RESOLVED.

PASSED AND APPROVED this the 14th day of November, 2016.

CITY OF NORTH RICHLAND HILLS

By: 
Oscar Trevino, Mayor

ATTEST:


Alicia Richardson, City Secretary



APPROVED AS TO FORM AND LEGALITY:



Maleshia Farmer, City Attorney

APPROVED AS TO CONTENT:



Mark C. Mills, Budget Director / Interim Finance Director

ORDINANCE NO. 2484

WHEREAS, the City Council of the City of North Richland Hills finds a need for more pedestrian walkways in the City; and

WHEREAS, the City Council of the City of North Richland Hills wants to encourage the construction and reconstruction of sidewalks in the City; and

WHEREAS, the City Council is willing to participate in the cost of sidewalk construction when deemed appropriate.

NOW, THEREFORE, be it ordained by the City Council of North Richland Hills, Texas, that:

I. **PURPOSE**

It is the intent of this policy to encourage the construction and/or reconstruction of sidewalks throughout the City for the safety and convenience of pedestrians.

II. **DESIGN STANDARDS**

The design and construction of sidewalks shall conform to City standards and shall provide, at a minimum, a four-foot wide concrete sidewalk located approximately 5-1/2 feet behind the back-of-curb, or a five-foot wide concrete walkway located immediately behind the back-of-curb. The specific design and placement of the sidewalk may vary depending upon location and extenuating circumstances, however, the Public Works Department shall approve the final design. In all cases, the placement of the sidewalk shall provide a continuous walkway for the pedestrian and will be compatible with other existing sidewalks in the neighborhood. Curb ramps will be required at the corners of all intersections as sidewalks are constructed.

III. **SIDEWALK REQUIREMENTS AND COSTS**

A. New Developing Areas

1. Sidewalks are required on both sides of all new streets.
2. In developing areas, sidewalks should normally be installed along with the construction of homes, offices, buildings, etc. so as to avoid being damaged by heavy trucks during that stage of development. The City Building Official will require that sidewalks that were required at the time of platting be installed during the construction of buildings on the lot(s) and prior to the issuance of the Certificate of Occupancy and/or final connection of utilities.

3. The cost of required sidewalks in new developing areas shall be paid by the builder and/or property owner.

B. Redeveloping Areas (developments being expanded or reconstructed)

1. Sidewalks shall be required in redeveloping areas under the same conditions as new developing areas. An area shall be considered to be redeveloping for purposes of this policy when:
 - a.(i.) A building permit is issued in an amount equal to or greater than 50-percent of the fair market value of the existing improvements (as determined by the City Building Official); and
 - (ii.) There are sidewalks existing along the rest of the block face; or the property on which the building permit is issued has a frontage of 300-feet or more, or extends for 50-percent or more of the block face; or
 - b. The property is located in a residential area identified and targeted by the City Council for redevelopment.
2. The property owner shall pay the cost of the required sidewalks in redeveloping areas meeting the requirements of Section III, B.1.a. above. The City shall have the option to pay for a portion or all of the cost for sidewalks in all other redeveloping areas.
3. All required sidewalks shall be installed prior to the issuance of the Certificate of Occupancy or final connection of utilities.

C. Existing Developed Areas

1. Replacement of Sidewalks

In some areas where sidewalks have previously been constructed, it is essential that they be kept in good state of repair and be properly maintained. In certain cases poorly maintained sidewalks constitute a greater hazard to pedestrians than no sidewalks at all.

- a. It shall be the responsibility of the property owner to inspect existing sidewalk conditions in front, side, or behind his property and to keep them in good repair. Faulty sidewalks should be brought to the attention of the Department of Public Works by the property owner.

- b. After sidewalks in need of replacement have been identified, the City will initiate corrective action and so notify the affected property owner(s). Such notification will include the project scope, the estimated cost of the project, and the estimated cost for the individual property owner(s).
 - c. The City shall initiate the replacement of sidewalks upon receipt of the property owner's share of the cost or assessments having been formally made. In cases where a hazard exists and the adjacent property owner refuses to pay the property owner's share of the cost of replacement, the City may file a lien on the adjacent property for the value of the assessment.
 - d. The cost of replacing sidewalks will be the property owner's responsibility.
2. New Sidewalks
- a. In developed areas with no existing sidewalks, property owners can request the installation of sidewalks by petitioning the City. At a minimum, 80-percent of the property owners along the block face must sign the petition requesting the installation of the sidewalks. The 80-percent will be determined by linear feet of frontage the petitioning property owner's have to the total feet of frontage the block has.
 - b. The cost of installing new sidewalks in developed areas will be the property owner's responsibility.
 - c. When the City determines that a sidewalk is warranted to provide for the safety and convenience of the public-at-large, no property owner participation will be required. This determination will be made by the Public Works Department using a "priority warranting system" which shall include but may not be limited to such factors as number of pedestrians, pedestrian accident history, vehicular volume, traffic speed, and proximity to a school or place of public assembly (see Attachment "A"). Such warranted sidewalks will be constructed by the City as needed and shall be paid for 100-percent by the City from the appropriate fund. If funds are not available from the current budget, the sidewalk construction cost will be included in the following year's budget.

D. City Improvement Projects

1. When the City remodels, improves or constructs a building (i.e., fire station, police station, garage, civic center), parkway improvements will normally be a part of the work. These improvements will consist of the installation of new sidewalks or the replacement of deteriorated sidewalks adjacent to the property as deemed necessary and desirable. The cost of this work will be paid for 100-percent by the City and shall be included as a cost of the building project.
2. When the City widens or reconstructs an existing street and it is determined that sidewalks are necessary and desirable, the cost of these sidewalks shall be paid for by the owners of the adjacent properties in accordance with the Street Assessment Policy.
3. When the City reconstructs a street utilizing Community Development Block Grant funds through HUD, the cost of any sidewalks constructed will be paid for by the City.

IV. REQUIRED PUBLIC NOTICE

- A. Assessments for the construction or replacement of all sidewalks will require a public meeting as required by Ordinance of the City of North Richland Hills and applicable State Law.
- B. In all sidewalk cases requiring cost participation by the property owner(s), the City will notify the affected property owner(s) of the project scope, length, total estimated cost, and the estimated property owner's cost of participation. Notice will be given of any required meeting, the meeting date, time, and place, as required by law.

V. PAYMENT

- A. The total amount of an assessment may be paid in a lump sum cash payment, without interest, if payment is made within 30-days of acceptance of the project by the City Council.
- B. The assessment may be divided into five equal annual payments over a four-year period with the first payment due within 30-days of acceptance by the City Council, and with interest not to exceed the maximum permitted by State law on the unpaid balance.
- C. The assessment may be paid in monthly payments of \$9.00 or more per month of a maximum period of 49-months, with the interest rate pre-computed and made a part of the monthly payment.

- D. In those cases where an existing sidewalk constitutes a hazard the adjacent property owner refuses to pay the property owner's share and the City Council has determined the necessity for the improvements and has ordered the improvements, it will be necessary to obtain sealed bids and let a contract for such work as required by law. One hundred-percent of the cost as determined from the low bid shall be assessed against the owners in accordance with applicable statutes.

IV. EFFECTIVE DATE

This policy shall become effective upon the date of City Council approval.

PASSED AND APPROVED this the 26th day of June, 2000.

APPROVED:


Charles Scoma, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, City Attorney

APPROVED AS TO CONTENT:


Gregory W. Dickens, Public Works Director

ATTACHMENT "A"

PRIORITY WARRANTING SYSTEM

		Points
Number of pedestrians at peak hour	>30	25
	21 – 30	20
	11 – 20	15
	1 – 10	10
Routes serving schools or pedestrian-generating facilities	1 – 3 blocks	15
	4 – 7 blocks	10
	> 7 blocks	5
Street classification	Arterial \geq 48' roadway	20
	Collector \geq 40' roadway	15
	Residential $<$ 40' roadway	10
Posted speed limit	40 mph or higher	15
	35 mph	10
	\leq 30 mph	5
Gaps in sidewalk network	0 – 50 feet	20
	50 – 100 feet	15
	100 – 200 feet	10
	200 – 400 feet	5
	> 400 feet	0

Location is a "priority warrant" and qualifies for sidewalk construction by the City with no property owner participation if points earned are 50 or greater.

RESOLUTION NO. 97-39

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment in all City owned equipment, buildings, facilities, and structures within the City of North Richland Hills; and

WHEREAS, the City Council finds it desirable and sound fiscal management to replace and maintain said City owned equipment, buildings, facilities and structures; and

WHEREAS, the City Council believes such maintenance may be secured by the creation of an Equipment Replacement and Building Maintenance Fund dedicated solely to the replacement, maintenance, renovation, and upkeep of City owned equipment, buildings, facilities, and structures; and

WHEREAS, the City Council has determined that the creation of said Fund will be in the best interest of the citizens of the City of North Richland Hills;

NOW, THEREFORE:

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS,

SECTION 1 : THAT there be and is hereby created an Equipment Replacement and Building Maintenance Fund to provide solely for the replacement, maintenance, upkeep and renovation of City owned equipment, buildings, facilities, and structures existing within the City of North Richland Hills and under the control of the City of North Richland Hills.

SECTION 2 : THAT the Fund shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary process of the City of North Richland Hills.

SECTION 3 : THAT all expenditures from said Fund shall be consistent with approved contracts or bid specifications and that policies and procedures for the administration of said Fund shall be developed by the City Manager.

SECTION 4 : THAT funds shall be specifically reserved annually (based on value and life expectancy, as with depreciation) to provide for replacement of major capital equipment valued at \$50,000 or more; and such reserve funds for replacements of such major equipment shall be separately budgeted and accounted for and such funds shall be solely used for said purposes.

SECTION 5 : THAT such reserve funds for major capital equipment shall not be used for new equipment, but rather replacement equipment. Any new equipment acquired

will immediately be included in the replacement reserve schedule as described in Section 4, and can then be replaced as needed using reserved funds.

SECTION 6 : THAT funds shall be specifically reserved annually (based on life expectancy and replacement value as with depreciation) for building improvements such as roof replacements, floor covering replacements, heating / air conditioning system replacements, major plumbing replacements, major electrical system replacements, and other major modifications to existing structures or buildings; such reserve funds shall be separately budgeted and accounted for and shall be solely used for said purposes in this Section.

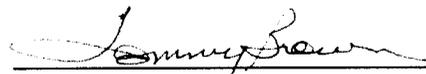
SECTION 7 : THAT such reserve funds for building improvements shall not be used to acquire new buildings or land or maintenance of buildings, but shall be used for major renovations and replacements to existing municipal buildings and structures. When new buildings are constructed, such buildings will immediately have a reserve established as described in Section 6, and in future years as needed such funds can be used for these newly added buildings.

SECTION 8 : THAT in the event of natural disaster or other public calamity resulting in an extreme emergency, reserves from said Fund may be used for purposes other than those specified herein with approval of the City Council.

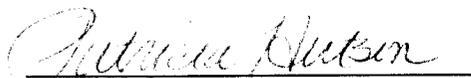
SECTION 9 : THAT on an annual basis the major equipment and building components (HVAC, roofs, etc.) will be inventoried and valued by the Director of Support Services (or other person assigned with managing equipment and building facilities) and the Director of Finance who will jointly prepare an inventory and reserve schedule for the City Manager.

PASSED BY THE CITY COUNCIL this 8th day of September, 1997.

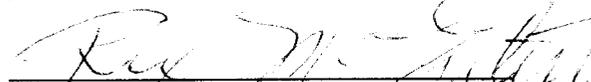
APPROVED:


Tommy Brown, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, Attorney for the City

RESOLUTION NO. 97-54

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment in the Aquatic Park known as NRH₂O; and

WHEREAS, the City Council finds it desirable and sound fiscal management to replace and preserve the infrastructure of said City owned Aquatic Park; and

WHEREAS, the City Council believes such preservation may be secured by the creation of a Reserve in the Aquatic Park Fund dedicated solely to the major replacement and maintenance of the Aquatic Park facilities and structures; and

WHEREAS, the City Council has determined that the creation of said Reserve will be in the best interest of the citizens of the City of North Richland Hills,

NOW THEREFORE:

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS,

SECTION 1: THAT there be and is hereby created a Reserve in the Aquatic Park Fund to provide solely for major replacement and maintenance of Aquatic Park facilities and structures.

SECTION 2: THAT the Reserve shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary and fiscal process of the City of North Richland Hills.

SECTION 3: THAT funds shall be specifically reserved annually (based on life expectancy and replacement value as with depreciation) for major improvements and replacements, and the reserves will continue to grow and be maintained at a level which will preserve the Aquatic Park as determined by the City Manager and approved by the City Council.

SECTION 4: THAT all expenditures from said Reserve shall be consistent with approved contracts or bid specifications and that policies and procedures for the Administration of said Reserve shall be developed by the City Manager.

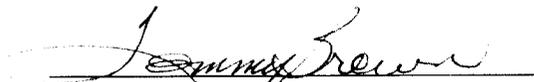
SECTION 5: THAT such Reserves shall not be used for routine maintenance and minor replacements which will be provided for in the annual operating budget of the Aquatic Park.

SECTION 6: THAT such Reserves shall not be used for additions to the Aquatic Park, including but not limited to new attractions or support areas for new attractions.

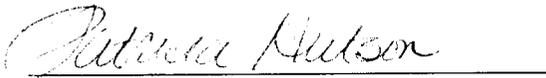
SECTION 7: THAT in the event of a natural disaster or other public calamity resulting in an extreme emergency said Reserves may be used for purposes other than those specified herein with approval of the City Council.

PASSED BY THE CITY COUNCIL this 24th day of November, 1997.

APPROVED:


Tommy Brown, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, Attorney for the City

RESOLUTION NO. 95-47

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment and all public streets, thoroughfares and public ways within the City of North Richland Hills; and

WHEREAS, the City Council finds it desirable to maintain said public streets, thoroughfares and public ways in a satisfactory condition; and

WHEREAS, the City Council believes such maintenance may be secured by the creation of a Permanent Street Maintenance Fund dedicated solely to the maintenance of public streets, thoroughfares and public ways within the City of North Richland Hills; and

WHEREAS, the City Council has determined that the creation of said Fund will be in the best interest of citizens of the City of North Richland Hills;

NOW, THEREFORE:

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF NORTH RICHLAND HILLS,

SECTION 1: THAT there BE and is hereby created a permanent Street Maintenance Fund to provide solely for the maintenance and up keep of public streets, thoroughfares and public ways existing within the City of North Richland Hills and under the control of the City of North Richland Hills.

SECTION 2: THAT the Fund shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary process of the City of North Richland Hills.

SECTION 3: THAT the reserves provided by such Fund shall be used solely for the following purposes:

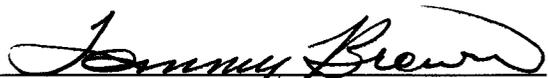
- A. To provide for the reconstruction of public streets, thoroughfares and public ways existing within the City of North Richland Hills and under the control of the City of North Richland Hills.
- B. To provide for the resurfacing, overlay, seal coating, patching or other required maintenance necessary to preserve and protect the public investment in such public streets, thoroughfares and public ways.

SECTION 4: THAT all expenditures from said fund shall be consistent with approved contracts or bid specifications and that policies and procedures for the administration of said Fund shall be developed by the City Manager.

SECTION 5: THAT in the event of natural disasters or other public calamity resulting in an extreme emergency, reserves from said Fund may be used for purposes other than those specified herein with approval of the City Council.

PASSED BY THE CITY COUNCIL this 28th day of August, 1995.

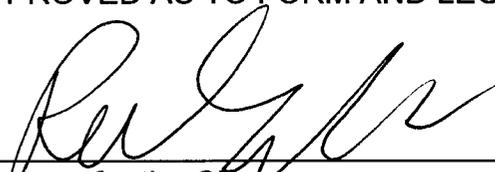
APPROVED:


Tommy Brown, Mayor

ATTEST:

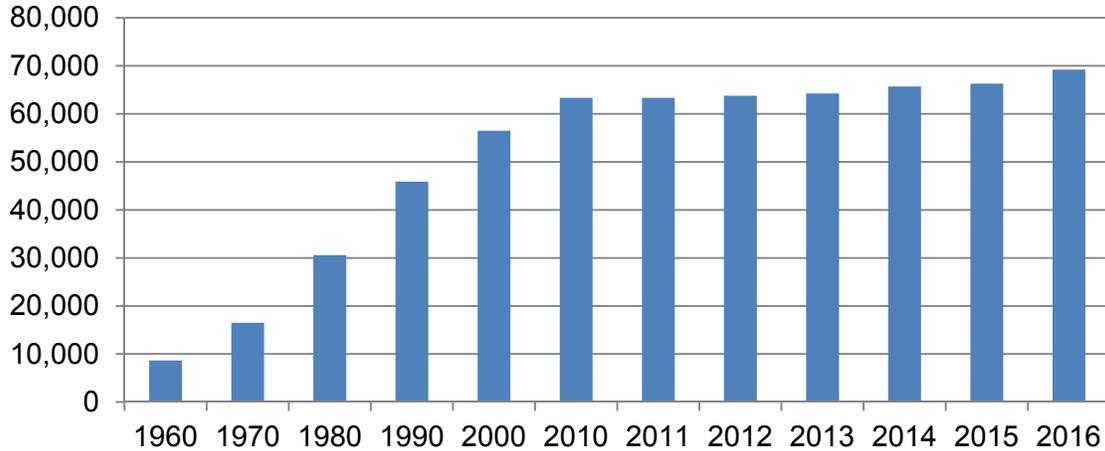

City Secretary

APPROVED AS TO FORM AND LEGALITY:

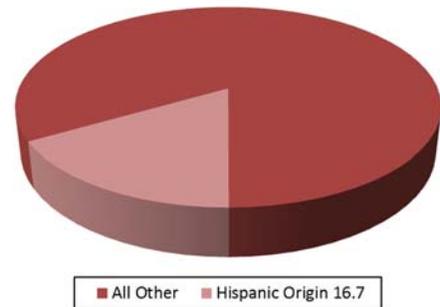
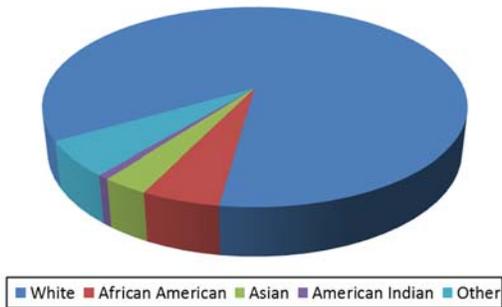

Attorney for the City

CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Population Growth¹



The City of North Richland Hills has grown from a population of 8,662 in 1960 to an estimated population of 69,204 in 2016. By population, North Richland Hills is the third largest city in Tarrant County.

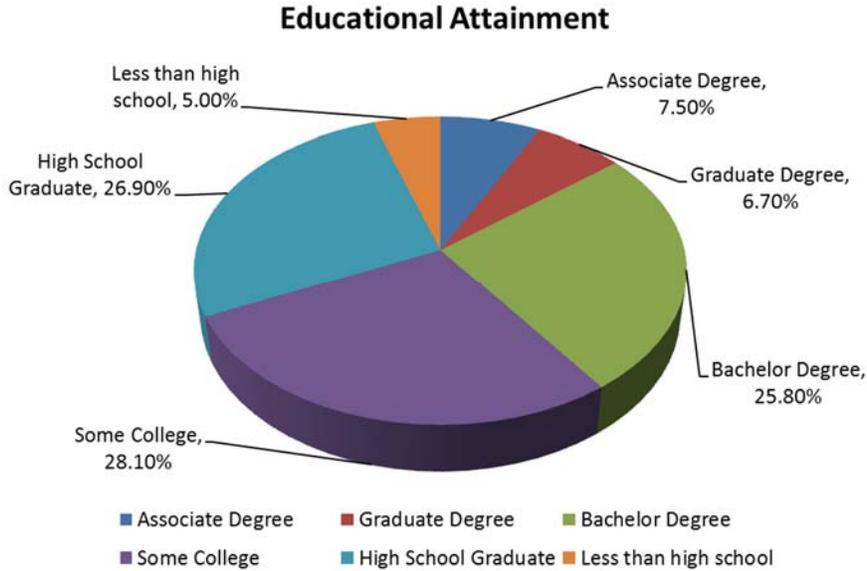


Racial Information²

Since the 2010 Census the White population has decreased from 83.8% to 82%, the African American population has increased from 4.8% to 5.2%, the Asian population increased to 3.1%. The American Indian population has stayed close to 0.7% and all other categories have increased from 5.2% to 6.1%. Hispanic origin of any race is 17.7% of the total population, an increase from 15.6%

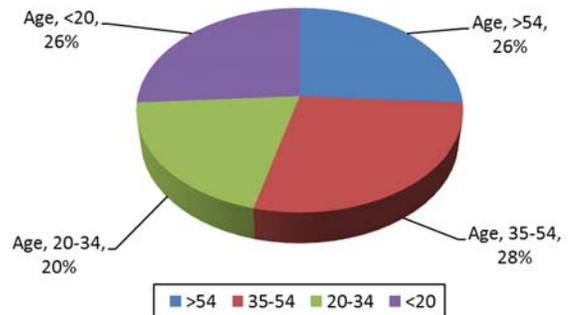
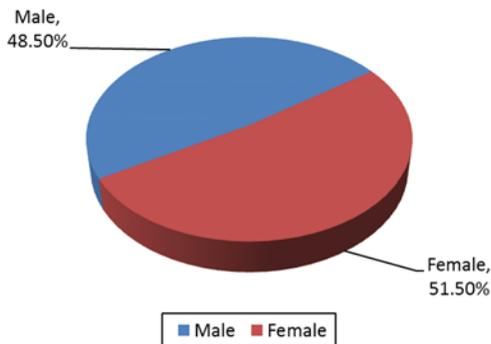
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Educational Attainment³



Since the 2000 Census, City population as a whole is acquiring more education. Citizens that have received a high school degree remained close to 27% this year, citizens that received a bachelor’s degree remained close to 26%, and those who have received a master’s degree is estimated to be 6.7%. Those who had not completed or received a high school diploma was close to 5%.

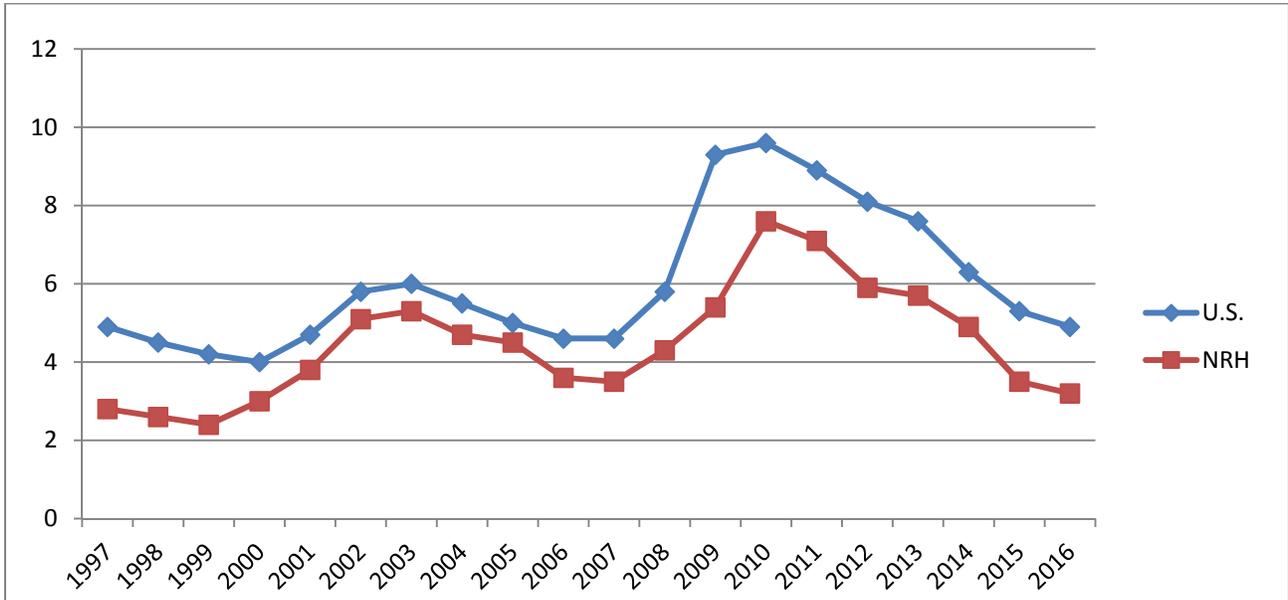
Gender Composition⁴ and Age Distribution⁵



The gender composition for North Richland Hills is now 51.5% female and 48.5%⁴ male. Of the current City population, 26% of citizens are 54 years old or older. The largest segment of the population within North Richland Hills is between the ages of 35 and 54 at 28%. Citizens between the ages of 20-34 make up 20% of the population, while citizens under the age of 20 make up 26%.

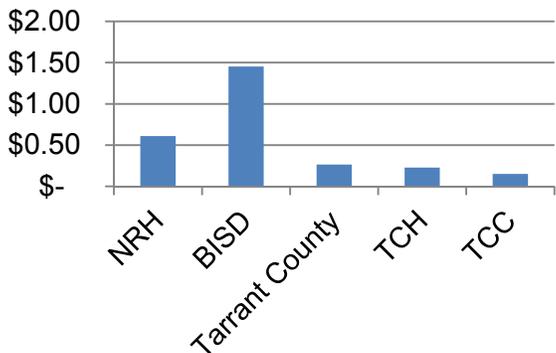
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Unemployment Rate⁶



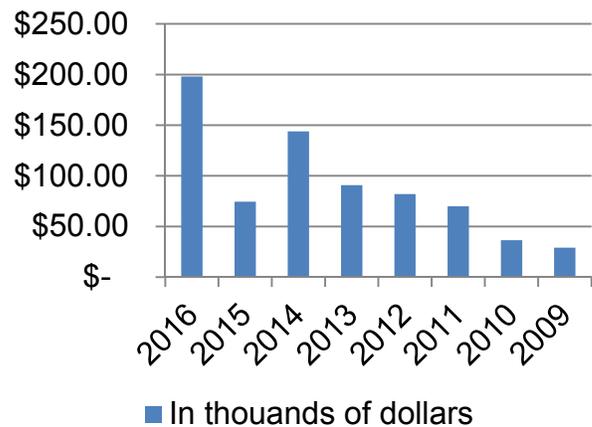
The unemployment rate as of May 2014 was 4.9 for North Richland Hills compared to the national rate of nearly 6.3%.⁷ Although unemployment trends for the City usually mirrors national trends, the unemployment rate for the City has consistently been less than the national average.

Property Tax Rate



■ Rate per \$100 Valuation: Note some residents will pay a property tax to Keller ISD, not BISD.

Value of Building Permits



■ In thousands of dollars

CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Community Information		
City Profile		Details
Incorporation	1953	
Form of Government	Council/Manager	
Original Charter Adoption	November 3, 1964	
Last Charter Amendment	November 6, 2001	
Area		
Measurement Type	Size	
Square Miles	18.29	
Acres	11,708	
Mean Household Income		
Household	Annual Income	
Mean Household Income	\$81,100	
Public Safety Stations (Police and Fire Protection)		
Station	Number of Stations	
Police Stations	1	
Fire Stations	4	
Public Safety Number of Sworn Personnel		
Sworn Personnel	Number of Positions	
Sworn Police Officers	108	
Sworn Firefighters	88	
Air Service		
Airport Name	Distance from Airport	Airport Type
DFW Airport	10 miles	Commercial Airport
Alliance Airport	15 miles	Industrial Aviation
Meacham Field	5 miles	General Aviation
Highway Transportation System		
Highway Type	Highway Name	
I – 820	Interstate Highway	
183	State Highway	
121	State Highway	
26	State Highway	
FM 1938	State Highway	
Railroad Transportation System		
Rail Road Service Providers	Location	
Burlington Northern Santa Fe	Fort Worth	
Western Railroad	Fort Worth	
Community Facilities		
Facility Type	Number of Facilities	
Full Service Hospital	1	
Freestanding Emergency Room	1	
Movie Theater	1 (8 screens)	
Churches	42	
Motels	7	
Financial Institutions		
Financial Institution	Number of Facilities	
Banking Institutions	21	
Utilities		

Utility Provider	Utility Type
Atmos Energy	Natural Gas
Southwestern Bell	Telephone
Duncan Disposal	Solid Waste
Trinity River Authority/City of Fort Worth	Water / Wastewater
Oncor, Green Mountain, Reliant	Electricity
Economics	
Average Value	Dollar Value
Single Family Home	\$ 199,573
Bond Rating	
Rating Agency	Bond Rating
Standard & Poor's	AA+
Moody's	AA2
2015 Appraised Value (As of 09/01/2016)	
Property Type	Appraised Value
Real Property	\$ 5,270,886,994
Personal Property	\$ 342,106,810
Other	\$ 2,737,430
Library Information ⁸	
Library Item	Number of
Library Materials	210,655
Annual Circulation	559,318
Active Registered Borrowers	44,952
Education	
Schools Servicing Area	Institution Type
Birdville Independent School District	Public School System
Keller Independent School District	Public School System
Tarrant County College	Community College
Number of Birdville ISD Facilities located in NRH	
Public School Type	Number of Facilities
Elementary Schools	9
Middle Schools	3
High Schools	3
Number of other school institutions located in NRH	
Private/Parochial School	Number of Facilities
Private/Parochial Schools	3
Parks and Recreation Facilities	
Park Facilities Type	Number of Facilities
Neighborhood Parks	13
Community Park	7
Special Purpose Parks	7
Linear Parks	8
Miles of Trails	20.67
Senior Adult Centers	13
Recreation Centers	7
Event/Banquet Facility	7
Water Park	8
Tennis Center	20.67
Golf Course	1
Total Acres of Park land	908.63

CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

References

1. North Central Texas Council of Governments
2. U.S. Census Bureau
3. Environmental Systems Research Institute Data
4. U.S. Census Bureau
5. Environmental Systems Research Institute Data
6. U.S. Bureau of Labor Statistics
7. Building Permit Activity is the total value of building permits for fiscal year
8. Annual Circulation includes renewals for fiscal year

CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

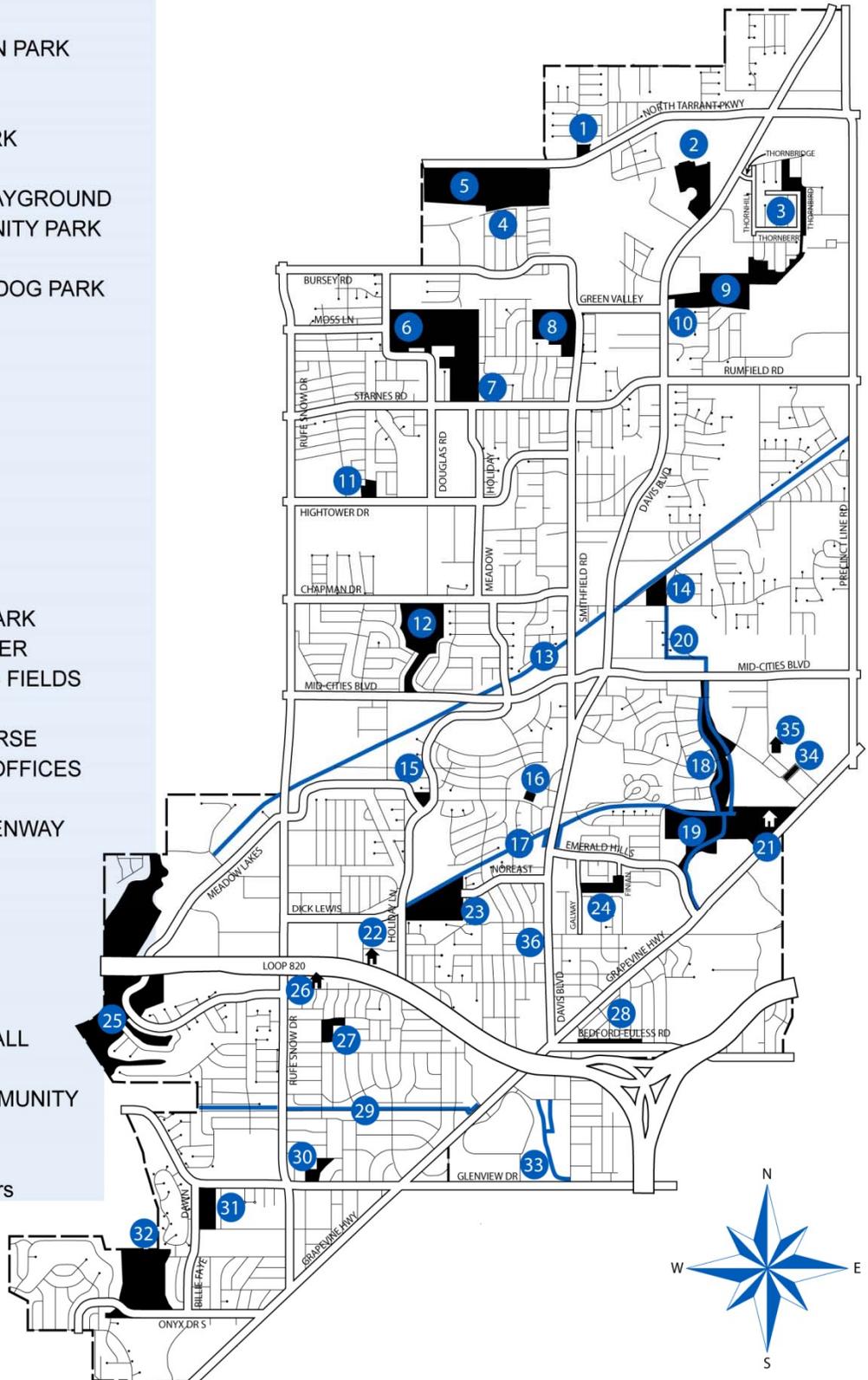
Parks, Trails and Facility Locations

NRH PARKS, TRAILS AND FACILITIES

- 1 FOUNDERS PARK
- 2 TOMMY AND SUE BROWN PARK
- 3 J. B. SANDLIN PARK
- 4 DR. PILLOW PARK
- 5 LITTLE BEAR CREEK PARK
- 6 CROSS TIMBERS PARK
- 7 ADVENTURE WORLD PLAYGROUND
- 8 GREEN VALLEY COMMUNITY PARK
- 9 NORTHFIELD PARK
- 10 TIPPS CANINE HOLLOW DOG PARK
- 11 LEGACY PARK*
- 12 RICHFIELD PARK
- 13 COTTON BELT TRAIL
- 14 DICK FARAM PARK
- 15 LIBERTY PARK
- 16 ACE PARK
- 17 NORTH ELECTRIC TRAIL
- 18 HOME TOWN LAKES
- 19 WALKER'S CREEK PARK
- 20 WALKER'S CREEK TRAIL
- 21 NRH₂O FAMILY WATER PARK
- 22 RICHLAND TENNIS CENTER
- 23 HOLIDAY LANE ATHLETIC FIELDS
- 24 NORICH PARK
- 25 IRON HORSE GOLF COURSE
- 26 PARK ADMINISTRATION OFFICES
- 27 CLYDE ZELLERS PARK*
- 28 BEDFORD-EULESS GREENWAY
- 29 JOANN JOHNSON TRAIL
- 30 KAY GRANGER PARK*
- 31 LINDA SPURLOCK PARK
- 32 FOSSIL CREEK PARK
- 33 RANDY MORESI TRAIL
- 34 STORMY PLAZA
- 35 NRH CENTRE, GRAND HALL & NRH SENIOR CENTER
- 36 COMMON GROUND COMMUNITY GARDEN

* Closed during school hours

-  FACILITY
-  PARK
-  TRAIL



CITY OF NORTH RICHLAND HILLS TOP TAX PAYERS AND EMPLOYERS

Top Tax Payers		
No.	Entity Name	Total Taxable Value
1	Star Delano LLC/Star Meadows LLC	\$71,100,000
2	Company One LLC / Company Two LLC	\$56,196,190
3	Aragon 2014/8500 Harwood LLC	\$49,300,000
4	Columbia N Hills Hosp Sub LP	\$38,814,695
5	Enclave at Hometown LP	\$36,790,000
6	Walmart Real Estate Bus Trust / Sam's	\$34,938,760
7	Oncor Electric Delivery Co LLC	\$26,916,199
8	Venue At Hometown LTD ETAL	\$26,900,000
9	AR-Hightower LP Etal	\$26,280,000
10	Kroger Texas LP	\$24,377,901

Source: Tarrant Appraisal District

Top Ten Employers		
No.	Entity Name	Product / Service
1	Santander Consumer USA, Inc.	Automobile Financing
2	North Hills Hospital	Hospital / Medical Care
3	HealthMarkets	Life and Health Insurance
4	Tyson Prepared Foods	Food Processing
5	XPO Logistics	Transport Carrier
6	Silverleaf Resort	Call Center
7	A to Z Therapy	Pediatric Therapy
8	Bates Container	Manufacturing
9	Impel Management Service	Medical Services
10	Heartland	Long Term Health Services

Source: North Richland Hills Economic Development www.nrhed.com. Data excludes the City of North Richland Hills and Birdville Independent School District.