CAPITAL PROJECTS BUDGET

FISCAL YEAR 2015-2016

CITY OF NORTH RICHLAND HILLS, TEXAS

About The Cover

Our new facility at 7301 Iron Horse Boulevard is now open. It's at the corner of Iron Horse Boulevard and Dick Fisher Drive North, one block south of Mid Cities Boulevard. Accommodating up to 145 animals, the new 10,300-square-foot center replaces our old, over crowded facility at 7200 B Dick Fisher Dr. S. The new Animal Adoption & Rescue Center was designed by Quorum Architects with a focus on adopting pets, providing a healthier shelter environment, and creating an efficient working environment for shelter employees. Modern Contractors constructed the new facility.

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

Cover Photos: From top: Kitten Courtesy of www.BestWallPaperHD.com; NRH Animal Shelter Courtesy of Communications Department; Puppies Picture Courtesy of www.BestWallPaperHD.com

City of
North Richland Hills

Capital Projects Budget
Fiscal Year 2015/2016

This budget will raise more revenue from property taxes than last year's budget by an amount of $311,658, which is a 1.38 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 $670,665.

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

Tax Rate	Adopted FY 2014/2015	Adopted FY 2015/2016
Property Tax Rate	$0.610000 / $100	$0.610000 / $100
Effective Tax Rate	$0.596348 / $100	$0.664683 / $100
Effective M&O Tax Rate	$0.324707 / $100	$0.340745 / $100
Rollback Tax Rate	$0.610103 / $100	$0.613273 / $100
Debt Rate	$0.259420 / $100	$0.245269 / $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 2015/2016

City Council

T. Oscar Trevino, Mayor

David Whitson, Mayor Pro Tem

Tito Rodriguez, Place 1

Rita Wright Oujesky, Place 2

Tom Lombard, Place 3

Dr. Tim Barth, Place 4

Scott Turnage, Place 6

Tim Welch, Place 7

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 Mills	Director of Budget & Research
Jennipher Castellanos	Senior Budget Analyst
Chris Smith	Budget Analyst
Kristin James	Assistant to the City Manager
Ebony Roundtree	Budget Intern

Visit our website at: www.nrhtx.com

ABOUT THE AWARD

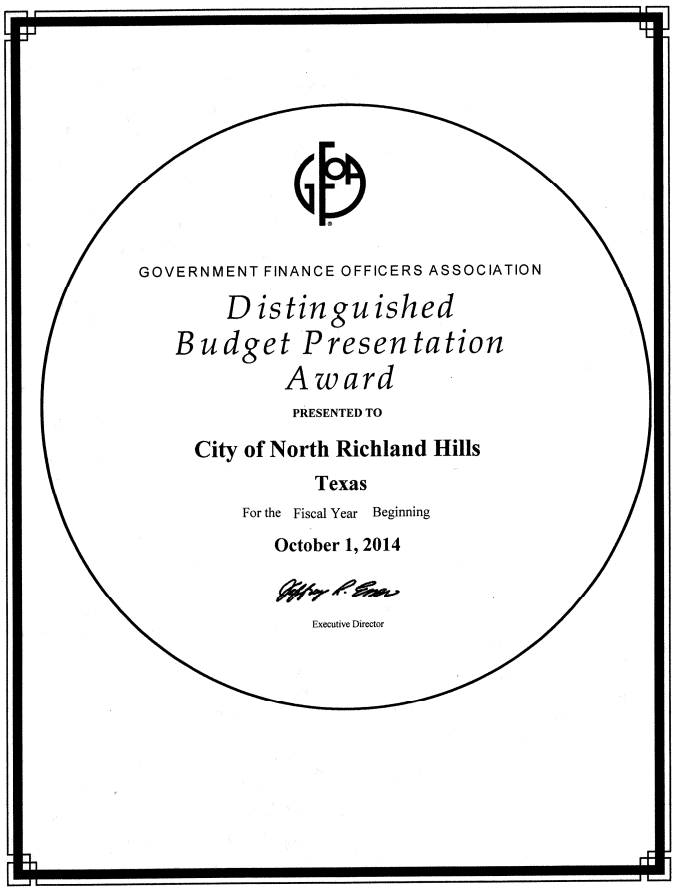
The Government Finance Officers Association (GFOA) is a nonprofit professional association serving over 17,800 government finance professionals throughout North America. The GFOA Distinguished Budget Presentation Award Program is the only national awards program in government budgeting. GFOA established 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
- a policy document
- a financial plan

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 23 consecutive years.


GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

City of North Richland Hills

Texas

For the Fiscal Year Beginning

October 1, 2014

Executive Director

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, 2014. 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 2015/2016 CAPITAL PROJECTS BUDGET

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CITY OF NORTH RICHLAND HILLS

October 1, 2015

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 2015/2016 Adopted Capital Improvements Budget. The primary purpose of the Capital Improvements Budget is to include funding for major long-life equipment, for construction and renovations of city facilities, public infrastructure and multi-year planning studies.

This budget includes $8,765,371 in capital projects. Some projects were selected following 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 2015/2016 includes $3,506,900 in certificates of obligation. The City does not intend to issue general obligation (GO) bonds in FY 2015/2016. 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 proposed Capital Improvement Budget proposes funding four projects with certificates of obligation, including: the replacement of the NRH_2O water slide tower for $2,600,000, an ambulance replacement for $240,000, a Gradall Excavator replacement for $375,000 and a street sweeper replacement for $291,900.

P.O. Box 82069 ★ North Richland Hills, Texas 76182-0609

7301 Northeast Loop 820 ★ (817) 427-6000 ★ Fax (817) 427-6106

FY 2015/2016 Capital Improvements Budget Highlights

In addition to projects approved in previous years, there are new projects included in the FY 2015/2016 Capital Improvements Budget. I would like to take this opportunity to highlight some of these projects for you.

Preventive Street Maintenance $1,000,000

For FY 2015/2016 funding for the Preventive Street Maintenance Program remains at $1,000,000; $800,000 for the annual preventive street maintenance program, and $200,000 for the transformation of old Cagle Drive to City Point Drive. Being that this portion of the road is the primary construction entrance for the New City Hall project it has experienced significant wear and tear. Repaving the roadway and replacing the bad sections of curb and gutter will provide a more drivable and attractive road surface. Normally collectors and thoroughfare improvements are funded through bond sales due to the high cost of the projects. Since the City is not prepared to fund a street bond program at this time, staff proposes using Preventive Street Maintenance funds to improve collector and thoroughfare streets.

Franklin Court Sewer Addition and Gifford Connection $150,000

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 utilities since that time. Older mobile homes on the street were served by individual septic systems. Currently the platted lot sizes pose a challenge to development in the area as there insufficient land area to accommodate conventional R-2 homes with onsite septic systems. A sanitary sewer stub-out was provided in the 1990’s near the far south end of Franklin Court. Extending this system north to serve Franklin Court unlocks development potential on the immediate nineteen lots and also allows for a future extension to serve Gifford Lane, which also lacks sewer service.

Impact Fee Update $110,000

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. Recently the city has had Developer's seriously looking to develop in the two TOD areas. One Developer

presented a preliminary plan that 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.

Northfield Park Redevelopment $397,000

The Northfield Park Redevelopment Project was the top recommendation for improvement 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. 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 include a new park entry, new modern layout with a unique theme, 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. 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. Additional funding for this project in the amount of $3.3 million will be requested in future years.

Major Capital Equipment Replacements $1,079,500

In FY 2015/2016 it is proposed that four pieces of major equipment be replaced, including:

- Ambulance ($240,000) – 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.

- Gradall Excavator ($375,000) – 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 City also provides backup emergency assistance with this specialized equipment to surrounding cities as requested. 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.

- Pothole Patcher ($172,600) – 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.

- Street Sweeper ($291,900) – 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.

Conclusion

In closing, the FY 2015/2016 Capital Projects Budget includes many exciting continuing and new 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. The City Council has shown great commitment to this community by ensuring the ongoing maintenance and appearance of North Richland Hills. Each project completed 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 2015/2016 Capital Budget to management and staff; without which, North Richland Hills would not provide the quality of life its citizens deserve and respect.

Respectfully submitted,

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.

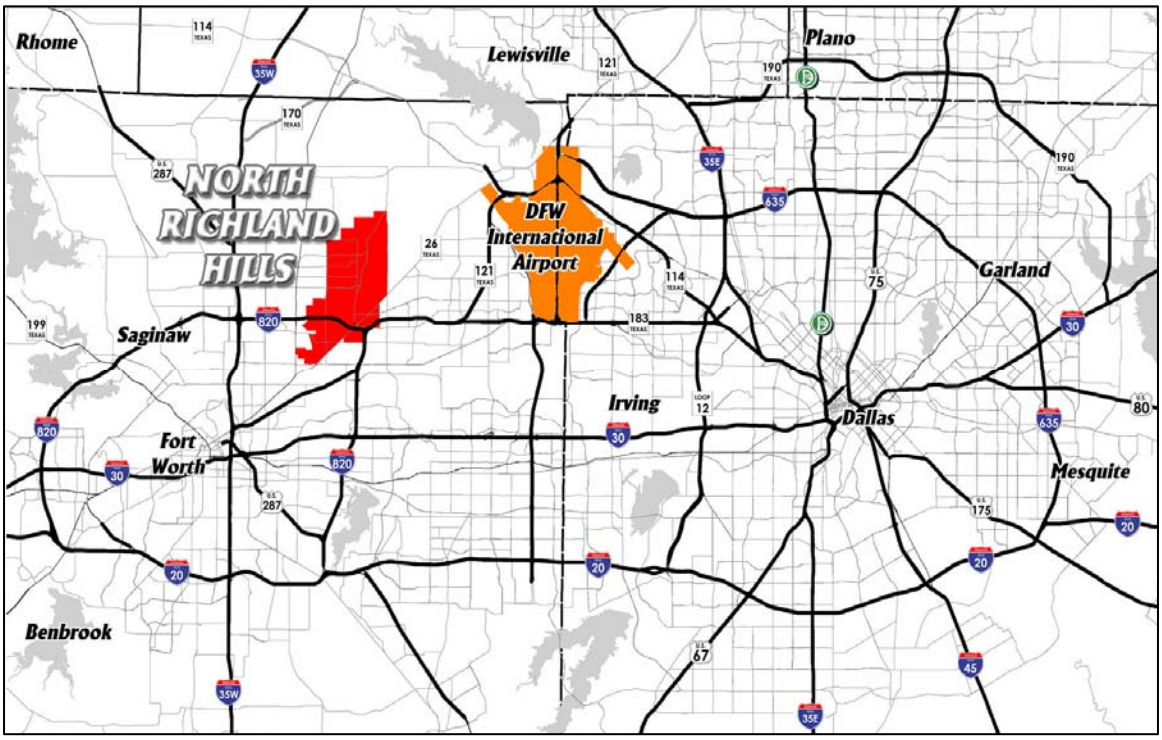
North Richland Hills operates under a Charter adopted in 1964 which provides for a "Council-Manager" form of government. The Mayor and seven Council members are elected at large. The City Council is responsible for all policy matters. The Council has the authority to levy taxes, secure revenues, authorize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

INTRODUCTION

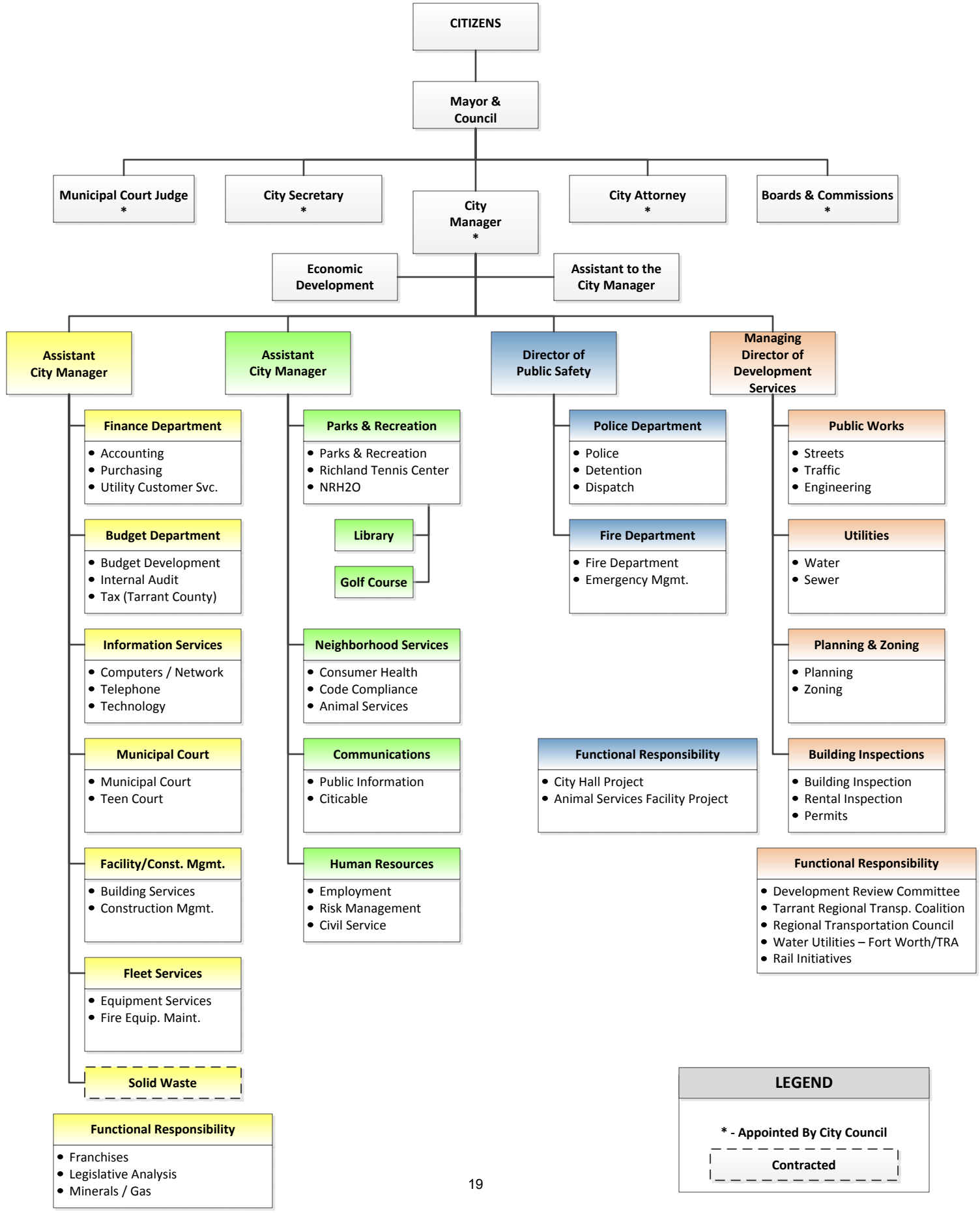
Dallas/Fort Worth Metroplex



North Richland Hills is a growing community of approximately 66,300 people located in the heart of the Dallas/Fort Worth area metroplex. The city is also home to over 1,200 commercial and industrial businesses. The third largest city in Tarrant County, North Richland Hills is only 10 minutes from downtown Fort Worth and 25 minutes from downtown Dallas. Interstate Loop 820 and Texas 121/183 (Airport Freeway) traverse the City, providing freeway access to five additional interstates and numerous US and state highways.

The City is also conveniently located 10 minutes from Dallas/Fort Worth International Airport and 15 minutes from Alliance Airport. D/FW International Airport has flights daily with non-stop service to all major North American Cities and many overseas destinations. The Alliance development facilitates the transport of merchandise through both the airport and the Burlington Northern/Santa Fe Intermodal Facility.

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 2014	2015 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:	$23,540	$23,115	$0	$425

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

As of April 2015 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 $.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 2014	2015 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	1300	0	0
Totals:	$37,210	$32,800	$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.

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 2014	2015 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 our 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 10 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 $.61 per one hundred dollars of valuation through 2015. 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 $2.5 million to other projects. The reconstruction of Roberta Drive, Jannie Drive, Jerrell Street, Rita Beth Street, Jackie Lee Street, Charles Street, and Honey Lane from Harmonson Road to Glenview Drive has been completed. Construction on Lynda Court 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 Congestion Mitigation and Air Quality (CMAQ) $1 million dollar 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 $1.3 and $1.5 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

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 $1.4 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 continue for approximately two more years as additional trails are added to the City system and connected 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 2015-2016 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 descrip- tions 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 August 7, 2015, 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 24, 2015. The budget public hearing was on August 24, 2015. The City Council voted on and approved the budget on September 14, 2015. Also on September 14, 2015, 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 2015-2016

Fri, Jan 9	Distribute following to departments: • Facility Requests • Information Services Requests	Budget Dept. Departments
Fri, Jan 9	Capital Budget Kickoff Distribute following to departments: • Capital Budget information	Budget Dept. Departments
Fri, Jan 9	Capital Budget database open for data entry	Budget Dept.
Fri, Jan 23	Return the following forms to Budget: • Facility Requests • Information Services Requests	Departments
Mon, Feb 2	Distribute Worksheets to Departments • Goals, Objective and Performance Measure forms • Travel Request Form • Overtime Request Form • Tuition Reimbursement Request Form	Budget Dept.
Mon, Feb 2	HTE open for data entry	Departments
Fri, Feb 6	Capital Projects budgets due to Budget Department	Departments
Fri, Feb 20	Distribute Capital Budget Review material to City Manager's Office	Budget Dept.
Mon Feb 23 – Fri, Mar 6	Assistant City Managers review of Capital Projects budgets with Departments	Assistant CMs Departments
Mon, Feb 23 – Fri, Mar 6	HTE training sessions for data entry, line item detail workshop, clinic for new budget preparers	Budget Dept. Departments
Wed, Mar 4	Budget Kickoff Meeting with Department Directors Distribute the following to departments: • Budget Manual • Target Number Projections • Personnel Projection Reports • Personnel Inventory Forms • Adjustment to Base Form	City Managers Dept. Directors
Mon, Mar 23 – Fri, Apr 10	City Manager review of Capital Projects budgets	City Managers Budget Dept. Dept. Directors
Tue, Mar 24	Return the following to Budget: • Proposed line-item expenditures budgets for 2015/16 • Revised expenditure budgets for 2014/15 • Proposed revenue projections for 2015/2016 • Revised revenue projections for 2014/2015 • Travel Request • Overtime Request • Adjustment to Base Forms • Tuition Reimbursement Request • Personnel Inventory Forms • Goals, Objectives & Performance Measures	Departments
Mon, Mar 30	Distribute 2015/16 proposed line item detail summaries to departments	Budget Dept.

Budget Preparation Calendar
Fiscal Year 2015-2016

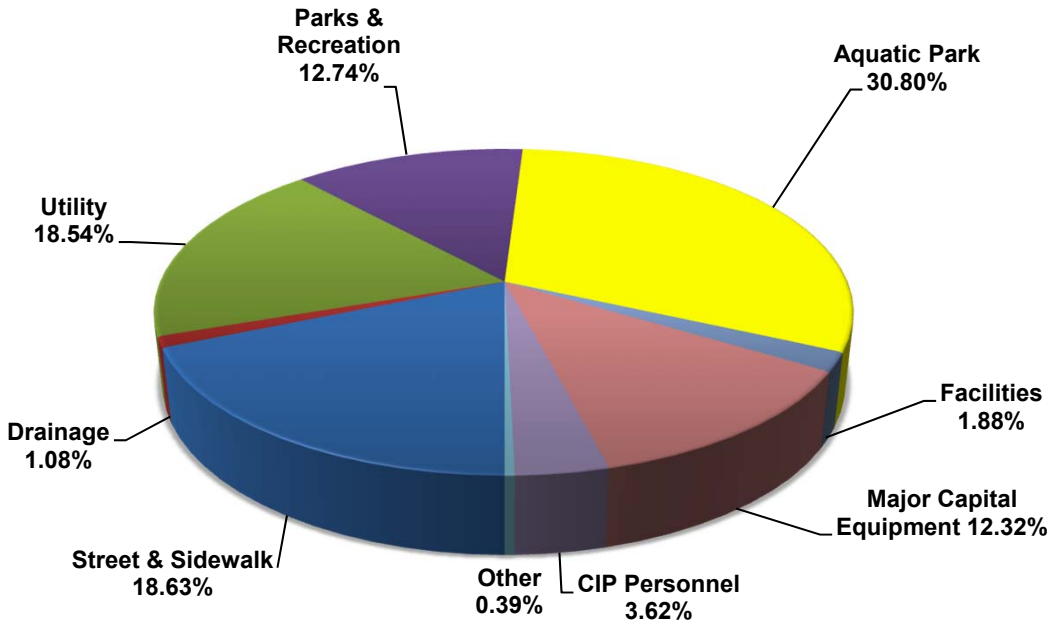
Fri, Apr 3	Summaries of increase and decrease due to Budget Dept.	Departments
Fri, Apr 17	Distribute Budget Review material to City Manager's Office	Budget Dept.
Mon, Apr 20 – Fri, May 1	Assistant City Managers review of departmental line-item budget, adjustment-to-base requests, goals, objectives and performance measures	Assistant CMs Dept. Directors
Fri, May 15	Preliminary tax roll received from Tarrant Appraisal District with taxable values	Budget Dept.
Mon, May 18 – Fri, Jun 12	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 8	Mid-Year Budget Work Session	City Council City Managers Budget Dept.
Fri, Jun 12	Final CIP updates due to Budget Department	Departments
Mon, Jun 29	City Manager final review of Capital Projects budget	City Managers Budget Dept.
Fri, Jul 10	All budget decisions finalized	City Managers
Fri, Jul 24	Certified tax roll received from Tarrant Appraisal District-calculate effective tax rate	Finance Dept.
Wed, Jul 29	Transmittal letter completed	City Managers Budget Dept.
Fri, Jul 31	Distribute Budget Work Session material to City Council, City Manager's Office	City Managers Budget Dept.
Mon, Aug 3	Proposed Budget filed with City Secretary	Budget Dept.
Mon, Aug 3	Distribute Budget Work Session material to Department Directors and Citizens (copy placed at public library)	Budget Dept.
Mon, Aug 3 – Thu, Aug 6	Budget Work Session presentation rehearsals	City Managers Budget Dept.
Fri, Aug 7	Budget Work Session	City Council City Managers Budget Dept.
Fri, Aug 7	Crime Control and Prevention District Board review of proposed budget	CCD Board City Managers Budget Dept.
Mon, Aug 10	City Council Meeting: • 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 12	Publish Notice of Budget Hearings	Budget Dept.
Wed, Aug 12	Publish Notice of Proposed Tax Rate	Budget Dept.

Budget Preparation Calendar
Fiscal Year 2015-2016

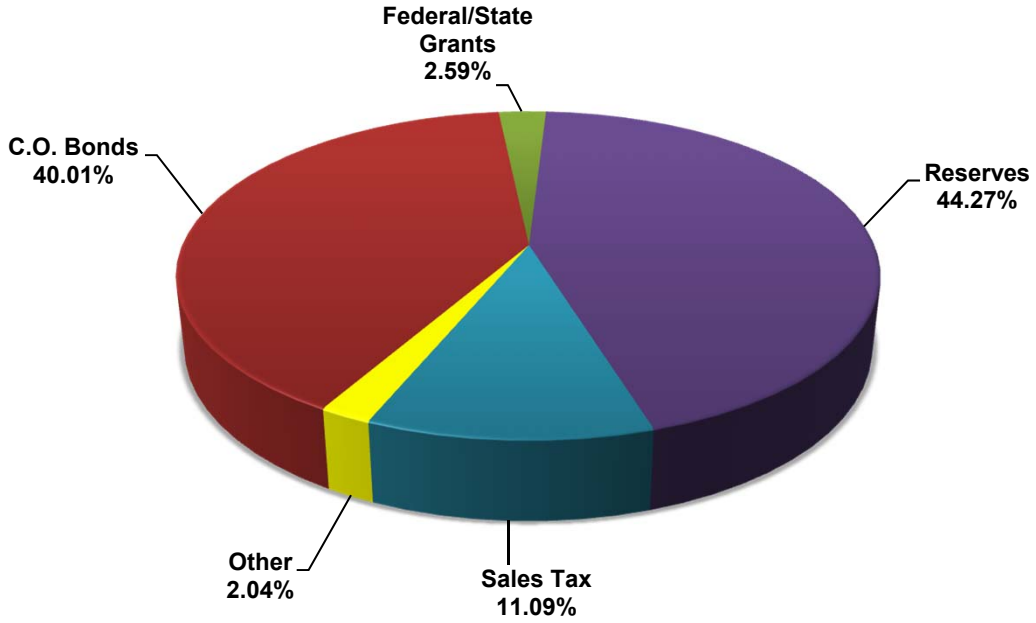
Fri, Aug 14	Supplemental information to City Council for follow-up on Budget Work Session (if needed)	City Managers Budget Dept.
Mon, Aug 24	Park and Recreation Facilities Development Corporation review of proposed budget	Park Corp. City Managers Parks Dept. Budget Dept.
Mon, Aug 24	City Council Meeting: • Tax rate public hearing • Budget public hearing • CCD budget public hearing • Park Development Corporation public hearing	City Council City Managers Budget Dept.
Mon, Sep 14	City Council Meeting: • Accept certified tax roll • Adopt proposed budgets • Adopt proposed tax rate	City Council City Managers Budget Dept.

Fiscal Year 2015/2016
Adopted CIP Budget
$8,765,371

Uses of Funds



Sources of Funds



Summary of Project Expenditures
2015/2016 Capital Improvement Program

Program Classification	Project To Date	Adopted 2015/2016	Estimated 2016/2017	2017 to Completion	Total Expenditures
Street & Sidewalk	38,932,532	1,632,821	461,000	0	$ 41,026,353
Drainage	3,163,222	95,000	0	0	$ 3,258,222
Utility	8,895,000	1,625,000	0	0	$ 10,520,000
Parks & Recreation	4,935,828	1,117,000	1,973,000	1,673,000	$ 9,698,828
Aquatic Park	575,000	2,700,000	0	0	$ 3,275,000
Facilities	75,192,368	165,000	0	0	$ 75,357,368
Major Capital Equipment	5,492,115	1,079,500	346,000	0	$ 6,917,615
Economic Development	10,509,362	0	0	0	$ 10,509,362
CIP Personnel	2,424,859	317,300	0	0	$ 2,742,159
Other	1,895,768	33,750	360,000	10,000	$ 2,299,518
Total CIP Project Expenditures	$ 152,016,054	$ 8,765,371	$ 3,140,000	$ 1,683,000	$ 165,604,425

Summary of Project Funding
2015/2016 Capital Improvement Program

Funding Source	Funding To Date	Adopted 2015/2016	Estimated 2016/2017	2017 to Completion	Total Funds
General Obligation Bonds	62,499,172	0	0	0	62,499,172
Certificates of Obligation	32,915,000	3,506,900	2,261,000	1,500,000	40,182,900
Federal/State Grants	23,894,232	226,821	0	0	24,121,053
Reserves	20,384,069	3,880,900	350,000	0	24,614,969
Sales Tax	2,552,900	972,000	173,000	173,000	3,870,900
Other	9,770,681	178,750	356,000	10,000	10,315,431
Total CIP Project Funding	$ 152,016,054	$ 8,765,371	$ 3,140,000	$ 1,683,000	$ 165,604,425

Summary of Project Funding
2015/2016 Capital Improvement Program

Program	Funding To Date	Adopted 2015/2016	Estimated 2016/2017	2017 to Completion	Total Funds
Street & Sidewalk					
General Obligation Bonds	11,085,950	0	0	0	11,085,950
Certificates of Obligation	3,400,000	0	461,000	0	3,861,000
Federal/State Grants	19,728,382	226,821	0	0	19,955,203
Reserves	4,288,200	1,406,000	0	0	5,694,200
Other	430,000	0	0	0	430,000
Street & Sidewalk Sub-Total	$ 38,932,532	$ 1,632,821	$ 461,000	$ 0	$ 41,026,353
Drainage					
General Obligation Bonds	1,863,222	0	0	0	1,863,222
Reserves	1,300,000	95,000	0	0	1,395,000
Drainage Sub-Total	$ 3,163,222	$ 95,000	$ 0	$ 0	$ 3,258,222
Utility					
Certificates of Obligation	6,445,000	0	0	0	6,445,000
Reserves	1,785,205	1,625,000	0	0	3,410,205
Other	664,795	0	0	0	664,795
Utility Sub-Total	$ 8,895,000	$ 1,625,000	$ 0	$ 0	$ 10,520,000
Parks & Recreation					
Certificates of Obligation	0	0	1,800,000	1,500,000	3,300,000
Federal/State Grants	2,882,928	0	0	0	2,882,928
Reserves	25,000	0	0	0	25,000
Sales Tax	2,027,900	972,000	173,000	173,000	3,345,900
Other	0	145,000	0	0	145,000
Parks & Recreation Sub-Total	$ 4,935,828	$ 1,117,000	$ 1,973,000	$ 1,673,000	$ 9,698,828
Aquatic Park					
Certificates of Obligation	0	2,600,000	0	0	2,600,000
Reserves	575,000	100,000	0	0	675,000
Aquatic Park Sub-Total	$ 575,000	$ 2,700,000	$ 0	$ 0	$ 3,275,000
Facilities					
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	1,905,000	165,000	0	0	2,070,000
Other	3,667,368	0	0	0	3,667,368
Facilities Sub-Total	$ 75,192,368	$ 165,000	$ 0	$ 0	$ 75,357,368
Major Capital Equipment					
Certificates of Obligation	0	906,900	0	0	906,900
Federal/State Grants	71,171	0	0	0	71,171
Reserves	1,516,944	172,600	0	0	1,689,544
Other	3,904,000	0	346,000	0	4,250,000

Summary of Project Funding
2015/2016 Capital Improvement Program

Program	Funding To Date	Adopted 2015/2016	Estimated 2016/2017	2017 to Completion	Total Funds
Major Capital Equipment Sub-Total	$ 5,492,115	$ 1,079,500	$ 346,000	$ 0	$ 6,917,615
Economic Development					
Certificates of Obligation	3,000,000	0	0	0	3,000,000
Reserves	6,376,703	0	0	0	6,376,703
Sales Tax	450,000	0	0	0	450,000
Other	682,659	0	0	0	682,659
Economic Development Sub-Total	$ 10,509,362	$ 0	$ 0	$ 0	$ 10,509,362
CIP Personnel					
Reserves	2,424,859	317,300	0	0	2,742,159
CIP Personnel Sub-Total	$ 2,424,859	$ 317,300	$ 0	$ 0	$ 2,742,159
Other					
Federal/State Grants	1,211,751	0	0	0	1,211,751
Reserves	187,158	0	350,000	0	537,158
Sales Tax	75,000	0	0	0	75,000
Other	421,859	33,750	10,000	10,000	475,609
Other Sub-Total	$ 1,895,768	$ 33,750	$ 360,000	$ 10,000	$ 2,299,518
Total CIP Project Funding	$ 152,016,054	$ 8,765,371	$ 3,140,000	$ 1,683,000	$ 165,604,425

NRH

STREET IMPROVEMENT LONG RANGE PLAN
PROPOSED FY 2015/2016

Project Description	2013/2014 Adopted	2014/2015 Adopted	2015/2016 Proposed	2016/2017 Estimated	2017/2018 Estimated	2018/2019 Estimated	2019/2020 Estimated	2020/2021 Estimated	2021/2022 Estimated	2022/2023 Estimated	Project Totals
Annual Projects											
New Sidewalk Project	$0	$0	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$75,000	$0	$525,000
New Sidewalk and Sidewalk Rehabilitation Project (2014)	50,000	0	0	0	0	0	0	0	0	0	$50,000
Preventive Street Maintenance	900,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	1,000,000	0	$8,900,000
Sidewalk Rehabiliation and Replacement	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	0	$400,000
Total Annual Projects	$950,000	$1,050,000	$1,125,000	$1,125,000	$1,125,000	$1,125,000	$1,125,000	$1,125,000	$1,125,000	$0	$9,875,000
New & Continuing Projects											
Acorn Drive Street Improvements	$0	$0	$0	$0	$0	$0	$0	$333,600	$0	$0	$333,600
Amundson Drive Street Improvements	0	0	0	0	0	0	0	0	5,573,200	0	$5,573,200
Ash Street Street Improvements	0	0	0	0	0	0	0	264,000	0	0	$264,000
Boulder Road Street Improvements	0	0	0	0	0	0	0	372,000	0	0	$372,000
Boulevard 26 and Vance Road Signalization Infrastructure Upgrades	0	0	0	0	0	0	0	0	200,000	0	$200,000
Boulevard 26/Harwood Road Intersection	0	0	0	0	500,000	500,000	0	0	0	0	$1,000,000
Boulevard 26 Widening	0	0	0	0	0	0	0	2,000,000	0	0	$2,000,000
Bradley Drive Street Improvements	0	0	0	0	0	0	691,200	0	0	0	$691,200
Briardale Drive Street Improvements	0	0	0	0	0	0	0	0	1,060,780	0	$1,060,780
Bridge Structure Repainting Project	85,000	0	0	0	0	0	0	0	0	0	$85,000
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	0	0	0	261,600	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
City Point Drive New Steet Construction	4,200,000	82,800	0	0	0	0	0	0	0	0	$4,282,800
Cloyce Court Street Improvements	750,000	0	200,000	0	0	0	0	0	354,000	0	$1,304,000
Collard Court Street Improvements	0	0	0	0	0	0	0	296,400	0	0	$296,400
College Circle North Street Improvements	0	0	0	0	0	0	0	736,800	0	0	$736,800
College Circle South Street Improvements	0	0	0	0	0	0	0	0	934,800	0	$934,800
Colorado Boulevard Street Improvements	0	0	0	0	0	0	0	715,200	0	0	$715,200
Copper Canyon Road Street Improvements	0	0	0	0	0	0	0	0	280,800	0	$280,800
Covered Materials Storage Area	0	0	0	0	0	0	0	0	0	0	$0
Crestwood Circle West Street Improvements	0	0	0	0	0	0	0	500,000	0	0	$500,000
Cummings Drive Street Improvements	0	0	0	0	0	0	0	0	570,000	0	$570,000
Cylinda Sue Circle Street Improvements	0	0	0	0	0	0	0	0	400,000	0	$400,000
Cynthia Circle Street Improvements	0	0	0	0	0	0	0	0	583,200	0	$583,200
Dana Lane Street Improvements	0	0	0	0	0	0	0	529,200	0	0	$529,200
Daniel Drive Street Improvements	0	0	0	0	0	0	0	349,200	0	0	$349,200
David Drive Street Improvements	0	0	0	0	0	0	434,000	0	0	0	$434,000
Davis Blvd/Mid-Cities Blvd Intersection	3,625,000	1,575,726	0	0	0	0	0	0	0	0	$5,200,726
Davis Boulevard and Hightower Drive Signalization	0	0	0	0	0	0	200,000	0	0	0	$200,000
Davis Boulevard and Shady Grove Road Intersection Improvements	0	0	0	0	0	0	800,000	0	0	0	$800,000
Davis Boulevard and Thornbridge Drive Signalization	0	0	0	0	0	0	200,000	0	0	0	$200,000
Deaver Drive Street Improvements	0	0	0	0	0	0	0	789,600	0	0	$789,600
Dublin Lane Street Improvements	0	0	0	0	0	0	0	0	266,400	0	$266,400
Dude Court Street Improvements	0	0	0	0	0	0	0	0	117,600	0	$117,600
Eden Road Street Improvements	0	0	0	0	0	0	0	1,950,000	0	0	$1,950,000
Edward Street Street Improvements	0	0	0	0	0	0	72,380	0	0	0	$72,380
Eldorado Drive Street Improvements	0	0	0	0	0	0	0	0	757,200	0	$757,200
Ellis Drive Street Improvements	0	0	0	0	0	0	0	222,000	0	0	$222,000
Frankie B Drive Street Improvements	0	0	0	0	0	0	494,340	0	0	0	$494,340
Galway Lane Street Improvements	0	0	0	0	0	0	0	259,200	0	0	$259,200

STREET IMPROVEMENT LONG RANGE PLAN
PROPOSED FY 2015/2016

Project Description	2013/2014 Adopted	2014/2015 Adopted	2015/2016 Proposed	2016/2017 Estimated	2017/2018 Estimated	2018/2019 Estimated	2019/2020 Estimated	2020/2021 Estimated	2021/2022 Estimated	2022/2023 Estimated	Project Totals
New & Continuing Projects											
Garwood Drive Street Improvements	0	0	0	0	0	0	0	0	537,600	0	$537,600
Gayle Drive Street Improvements	0	0	0	0	0	0	0	0	181,200	0	$181,200
Glenview Court Street Improvements	0	0	0	0	0	0	0	0	111,600	0	$111,600
Glenview Drive (East) Street Improvements	0	0	0	0	0	0	0	1,694,400	0	0	$1,694,400
Glenview Drive (West) Street Improvements	0	0	930,000	930,000	0	0	0	0	0	0	$1,860,000
Grand Avenue (Library to Health Markets Access Road)	75,000	0	0	0	0	0	0	0	0	0	$75,000
Harmonson Drive Street Improvements	0	0	0	0	0	0	0	836,400	0	0	$836,400
Hightower Drive and Holiday Lane, Meadow Road Signalization	0	0	0	0	0	0	200,000	0	0	0	$200,000
Hightower Drive, Section C (Smithfield to Davis)	0	0	0	0	0	0	1,020,000	0	0	0	$1,020,000
Hightower Drive, Section D (Stonybrooke to Eden)	0	0	0	0	0	0	840,000	0	0	0	$840,000
Holiday Lane and Starnes Road Signalization	0	0	0	0	0	0	200,000	0	0	0	$200,000
Holiday Lane Street Impr., A1 (I.H. 820 to Dick Lewis)	0	0	425,000	0	0	0	0	0	0	0	$425,000
Illuminated Street Name Sign Replacement Project	75,000	0	0	0	0	0	0	0	0	0	$75,000
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	0	168,840	0	0	0	$168,840
Irongate Drive Street Improvements	0	0	0	0	0	0	361,620	0	0	0	$361,620
Jade Circle Street Improvements	0	0	0	0	0	0	530,400	0	0	0	$530,400
Jennings Drive /Dude Ct. Street Reconstruction	1,039,570	0	0	0	0	0	0	0	0	0	$1,039,570
Jerry Joe Drive Street Improvements	0	0	0	0	0	0	0	0	520,800	0	$520,800
Juniper Drive Street Improvements	0	0	0	0	0	0	0	284,400	0	0	$284,400
Kendra Lane Street Imrprovements	0	0	0	0	0	0	313,460	0	0	0	$313,460
Kirk Lane Street Improvements	0	0	0	0	0	0	1,500,000	1,665,090	0	0	$3,165,090
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	0	0	0	0	560,400	0	$560,400
Little Ranch Road Street Improvements	0	0	0	0	0	0	0	691,200	0	0	$691,200
Lynda Court	0	0	226,821	0	0	0	0	0	0	0	$226,821
Lynda Court Street Improvements	0	0	0	0	0	0	196,800	0	0	0	$196,800
Main Street Streetscaping Project	66,000	0	0	461,000	0	0	0	0	0	0	$527,000
Manor Drive Street Improvements	0	0	0	0	0	0	0	711,600	0	0	$711,600
Maple Drive Street Improvements	0	0	0	0	0	0	0	0	1,142,400	0	$1,142,400
Marie Street Street Improvements	0	0	0	0	0	0	0	0	475,200	0	$475,200
Marilyn Lane Street Improvements	0	0	0	0	0	0	178,360	0	0	0	$178,360
Marlene Court Street Improvements	0	0	0	0	0	0	168,700	0	0	0	$168,700
Marlette Court Street Improvements	0	0	0	0	0	0	0	229,200	0	0	$229,200
Mary Court Street Improvements	0	0	0	0	0	0	0	0	200,000	0	$200,000
Mary Drive Street Improvements	0	0	0	0	0	0	482,160	0	0	0	$482,160
Massey Court Street Improvements	0	0	0	0	0	0	238,800	0	0	0	$238,800
Meadow Court Street Improvements	0	0	0	0	0	0	0	249,600	0	0	$249,600
Meadow Lakes Court Street Improvements	0	0	0	0	0	0	200,000	0	0	0	$200,000
Meadow Lakes Drive Street Improvements	0	0	0	0	0	0	0	0	4,154,400	0	$4,154,400
Meadowpark Drive Sourth Street Improvements	0	0	0	0	0	0	0	777,600	0	0	$777,600
Mickey Street Street Improvements	0	0	0	0	0	0	0	0	673,200	0	$673,200
Mid-Cities Boulevard Railroad Crossing Replacement	0	0	0	0	0	0	0	0	0	0	$0
North Hills Cul-de-sac Street Improvements	0	0	0	0	0	0	123,760	0	0	0	$123,760
Northeast Parkway @ Davis Boulevard Intersection	0	0	0	0	0	0	0	0	200,000	0	$200,000
Oak Knoll Drive Street Improvements	0	0	0	0	0	0	0	282,000	0	0	$282,000
Onyx Drive South Street Improvements	0	0	0	0	0	0	0	734,400	0	0	$734,400
Payte Lane Street Improvements	0	0	0	0	0	0	0	0	234,400	0	$234,400
Parker Boulevard and Boulevard 26 Signalization	0	0	0	0	0	0	0	200,000	0	0	$200,000
Parkway Avenue Street Improvements	0	0	0	0	0	0	364,800	0	0	0	$364,800
Pebble Court Street Improvements	0	0	0	0	0	0	0	0	163,200	0	$163,200
Pedestrian Detection & Rectangular Rapid Flash Beacon Project	0	0	0	0	0	0	0	0	0	0	$0
Richland Court Street Improvements	0	0	0	0	0	0	0	187,200	0	0	$187,200

STREET IMPROVEMENT LONG RANGE PLAN
PROPOSED FY 2015/2016

Project Description	2013/2014 Adopted	2014/2015 Adopted	2015/2016 Proposed	2016/2017 Estimated	2017/2018 Estimated	2018/2019 Estimated	2019/2020 Estimated	2020/2021 Estimated	2021/2022 Estimated	2022/2023 Estimated	Project Totals
New & Continuing Projects											
Richfield Drive Street Improvements	0	0	0	0	0	0	0	0	720,000	0	$720,000
Rogene Court Street Improvements	0	0	0	0	0	0	0	0	129,600	0	$129,600
Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)	1,385,950	0	0	0	0	0	0	0	0	0	$1,385,950
Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower) [TEA-21]	13,727,000	7,976,236	0	0	0	0	0	0	0	0	$21,703,236
Rufe Snow Drive & Glenview Drive Intersection Improvements	1,435,000	0	0	0	0	0	0	0	0	0	$1,435,000
Sayers Lane Street Improvements	0	0	0	0	0	0	928,800	0	0	0	$928,800
Shady Grove Road and Smithfield Road Signalization	0	0	0	0	0	0	0	200,000	0	0	$200,000
Shady Grove Road Street Improvements	0	0	0	0	0	0	0	4,658,125	0	0	$4,658,125
Shannon Lane Street Improvements	0	0	0	0	0	0	0	0	288,000	0	$288,000
Sherri Lane Street Improvements	0	0	0	0	0	0	0	0	700,000	0	$700,000
Signal Timing Synchronization Update	95,000	0	0	0	0	0	0	0	0	0	$95,000
Sierra Drive Street Improvements	0	0	0	0	0	0	0	500,000	0	0	$500,000
Simmons Road Street Improvements	0	0	0	0	0	0	271,875	0	0	0	$271,875
Smithfield Road (Davis Blvd to Mid-Cities Blvd)	2,200,000	0	0	0	0	0	0	0	0	0	$2,200,000
Smithfield Road (Davis Boulevard Intersection Improvements)	70,000	0	0	0	0	0	0	0	0	0	$70,000
Smithfield Road and Hightower Drive Signalization	0	0	0	0	0	0	200,000	0	0	0	$200,000
Smithfield Road Segment 1 (Turner to Mickey)	0	0	0	0	0	0	1,069,500	0	0	0	$1,069,500
Smithfield Road Segment 2 (Mickey to Mid Cities)	0	0	0	0	0	0	3,256,900	0	0	0	$3,256,900
Snider Street Extension Project	2,800,050	0	0	0	0	0	0	0	0	0	$2,800,050
Southampton Drive Street Improvements	0	0	0	0	0	0	0	0	799,200	0	$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
Starnes Road Street Improvement (Rufe Snow Dr to Crosstimbers Ln.)	757,000	0	0	0	0	0	0	0	0	0	$757,000
Stewart Drive Street Improvements	0	0	0	0	0	0	0	472,800	0	0	$472,800
Street Lighting Infrastructure Upgrades	0	0	0	0	0	0	89,500	0	0	0	$89,500
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	770,400	0	0	$770,400
Timberidge Drive Street Improvements	0	0	0	0	0	0	0	0	782,400	0	$782,400
Timberline Court Street Improvements	0	0	0	0	0	0	0	294,000	0	0	$294,000
Traffic Signal Flashing Yellow Arrow Conversion Project	0	0	0	0	0	0	0	0	0	0	$0
Traffic Signal Infrastructure Upgrades - Internal Components	0	0	0	0	0	0	689,275	0	0	0	$689,275
Traffic Signal Light Adaptive System	0	0	0	0	0	0	500,000	500,000	0	0	$1,000,000
Traffic Signal Timing & Sychronization - Boulevard 26	0	0	0	0	0	0	0	0	0	0	$0
Traffic Signal Video Detection System	0	0	56,000	0	0	0	0	0	0	0	$56,000
Traffic Signalization at Davis Boulevard & Creek View Drive	300,000	0	0	0	0	0	0	0	0	0	$300,000
Traffic Signalization at Mid-Cities Boulevard / Ice House Drive / Martin	0	0	0	0	0	0	0	0	0	0	$0
Transformation of Old Cagle Drive to City Drive Point	0	0	200,000	0	0	0	0	0	0	0	$200,000
Ulster Drive Street Improvements	0	0	0	0	0	0	0	0	500,000	0	$500,000
Valley View Drive Street Improvements	0	0	0	0	0	0	706,800	0	0	0	$706,800
Vance Road at Glenview Drive Signalization Infrastructure Upgrade	0	0	0	0	0	0	200,000	0	0	0	$200,000
Walker Boulevard and Boulevard 26 Signalization Infrastructure Upgrades	0	0	0	0	0	0	200,000	0	0	0	$200,000
Wheelwood Drive Street Improvements	0	0	0	0	0	0	218,400	0	0	0	$218,400
Willowcrest Court North Street Improvements	0	0	0	0	0	0	151,200	0	0	0	$151,200
Woodbend Park Street Improvements	0	0	0	0	0	0	217,000	0	0	0	$217,000
Total New & Continuing Street Improvements	$32,685,570	$9,634,762	$2,137,821	$1,391,000	$500,000	$500,000	$20,933,120	$26,564,815	$24,171,580	$0	$118,518,668
Total Street Improvements Projects	$33,635,570	$10,684,762	$3,262,821	$2,516,000	$1,625,000	$1,625,000	$22,058,120	$27,689,815	$25,296,580	$0	$128,393,668
Street Related Major Capital Equipment											
Traffic Signal Communications Hub	0	0	0	0	0	0	0	0	0	0	$0
Total Street Related Major Capital Equipment	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
Total Project Costs	$33,635,570	$10,684,762	$3,262,821	$2,516,000	$1,625,000	$1,625,000	$22,058,120	$27,689,815	$25,296,580	$0	$128,393,668

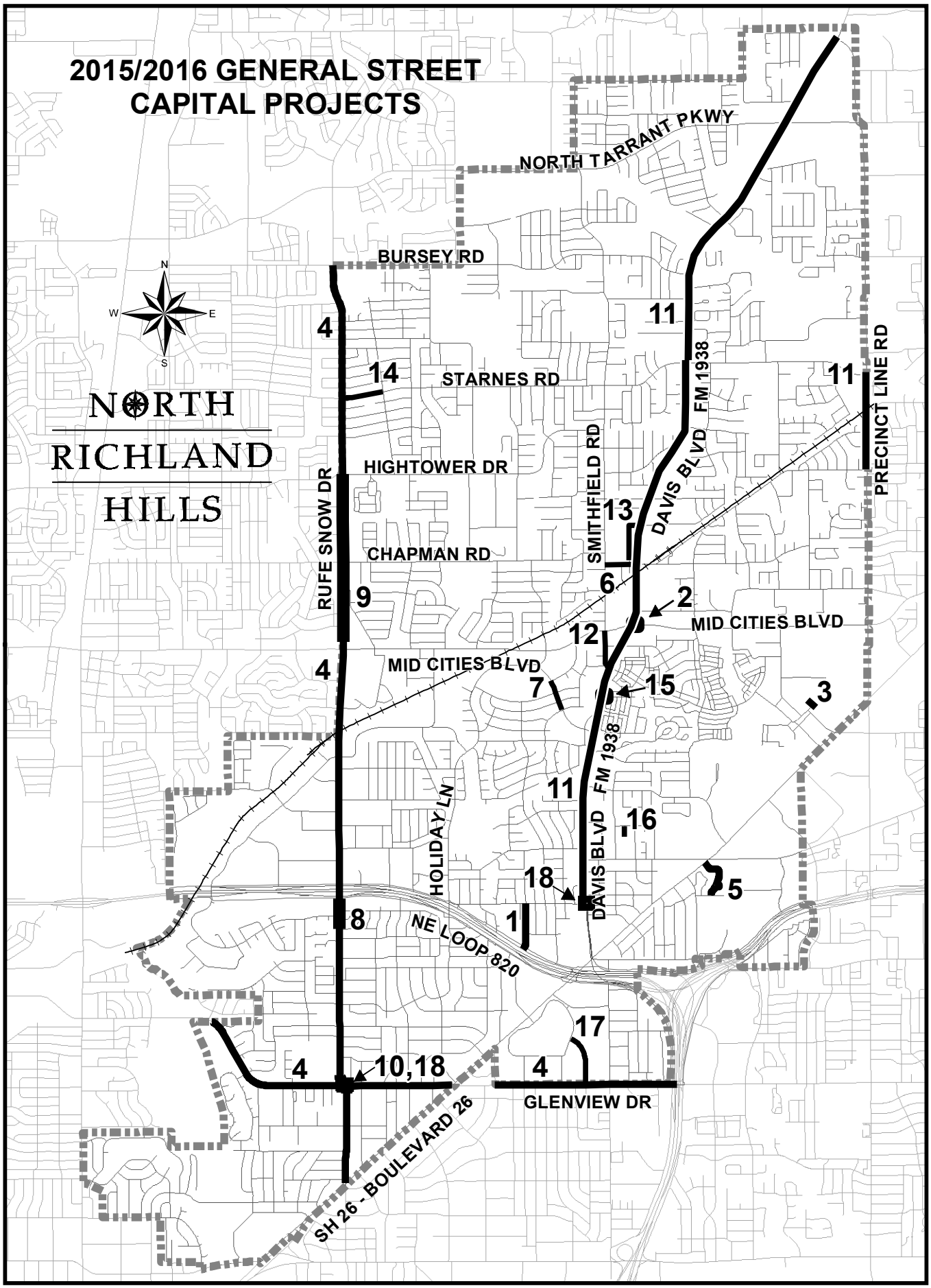
NRH

Schedule 1
Street & Sidewalk Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
45	1	Cloyce Court (Northeast Loop 820 to Maplewood Ave)	750,000	200,000	0	0	$ 950,000
47	2	Davis Blvd/Mid-Cities Blvd Intersection	5,200,726	0	0	0	$ 5,200,726
49	3	Grand Avenue (Library to HealthMarkets Access Road)	75,000	0	0	0	$ 75,000
51	4	Illuminated Street Name Sign Replacement Project	75,000	0	0	0	$ 75,000
53	5	Jennings Dr/Dude Ct. Street Reconstruction	1,039,570	0	0	0	$ 1,039,570
55	6	Main Street Streetscaping Project	66,000	0	461,000	0	$ 527,000
57	-	Preventive Street Maintenance (2015)	700,000	0	0	0	$ 700,000
59	7	Preventive Street Maintenance (College Circle Pavement Rehabilitation)	300,000	0	0	0	$ 300,000
61	8	Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)	1,385,950	0	0	0	$ 1,385,950
63	9	Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]	21,703,236	0	0	0	$ 21,703,236
65	10	Rufe Snow Drive & Glenview Drive Intersection Improvements	1,435,000	0	0	0	$ 1,435,000
67	-	Sidewalk Rehabilitation and Replacement Project (2015)	50,000	0	0	0	$ 50,000
69	11	Signal Timing Synchronization Update	95,000	0	0	0	$ 95,000
71	12	Smithfield Road (Davis Blvd to Mid-Cities Blvd)	2,200,000	0	0	0	$ 2,200,000
73	13	Snider Street Extension Project	2,800,050	0	0	0	$ 2,800,050
75	14	Starnes Road Street Imp. (Rufe Snow Dr. to Crosstimbers Ln.)	757,000	0	0	0	$ 757,000
77	15	Traffic Signalization at Davis Boulevard & Creek View Drive	300,000	0	0	0	$ 300,000
Total Continuing Projects			$ 38,932,532	$ 200,000	$ 461,000	$ 0	$ 39,593,532
New Projects							
79	-	Infrastructure Painting Project	0	100,000	0	0	$ 100,000
81	16	Lynda Court (CDBG)	0	226,821	0	0	$ 226,821
83	-	Preventive Street Maintenance (2016)	0	800,000	0	0	$ 800,000
85	17	Preventive Street Maintenance (Old Cagle Drive)	0	200,000	0	0	$ 200,000
87	-	Sidewalk Rehabilitation and Replacement Project	0	50,000	0	0	$ 50,000
89	18	Traffic Signal Video Detection Systems	0	56,000	0	0	$ 56,000
Total New Projects			$ 0	$ 1,432,821	$ 0	$ 0	$ 1,432,821
Total Project Costs			$ 38,932,532	$ 1,632,821	$ 461,000	$ 0	$ 41,026,353
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			9,040,000	0	0	0	9,040,000
Total General Obligation Bonds			$ 11,085,950	$ 0	$ 0	$ 0	$ 11,085,950
Certificates of Obligation							
Certificates of Obligation			3,400,000	0	461,000	0	3,861,000

Schedule 1
Street & Sidewalk Capital Projects
Budget Summary

Pg. No.	Map ID	Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Total Certificates of Obligation		$ 3,400,000	$ 0	$ 461,000	$ 0	$ 3,861,000
Federal/State Grants						
	CDBG Grant Funds	429,570	226,821	0	0	656,391
	ISTEA Grant Funds	2,240,040	0	0	0	2,240,040
	Other	1,100,000	0	0	0	1,100,000
	TEA -21 Grant Funds	9,712,000	0	0	0	9,712,000
	Federal Grant	5,646,772	0	0	0	5,646,772
	Tarrant County Grant Funds	600,000	0	0	0	600,000
Total Federal/State Grants		$ 19,728,382	$ 226,821	$ 0	$ 0	$ 19,955,203
Reserves						
		0	100,000	0	0	100,000
	1994 Bond Program Project Savings	440,010	0	0	0	440,010
	G.O. Bonds 1994 Program	75,000	0	0	0	75,000
	Permanent Street Maintenance Fund	1,000,000	1,000,000	0	0	2,000,000
	Reserves	0	200,000	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	200,000	0	0	0	200,000
	Project Savings	1,831,190	56,000	0	0	1,887,190
	Certificates of Obligation Project Savings	95,000	0	0	0	95,000
	Bond Program Project Savings	65,000	0	0	0	65,000
	Utility Reserve for Future Construction	157,000	0	0	0	157,000
Total Reserves		$ 4,288,200	$ 1,406,000	$ 0	$ 0	$ 5,694,200
Other						
	Other	430,000	0	0	0	430,000
Total Other		$ 430,000	$ 0	$ 0	$ 0	$ 430,000
Total Sources of Funds		$ 38,932,532	$ 1,632,821	$ 461,000	$ 0	$ 41,026,353


2015/2016 GENERAL STREET
CAPITAL PROJECTS
NORTH TARRANT PKWY
BURSEY RD
STARNES RD
HIGHTOWER DR
CHAPMAN RD
MID CITIES BLVD
MID CITIES BLVD
RUFE SNOW DR
SMITHFIELD RD
DAVIS BLVD
FM 1938
PRECINCT LINE RD
HOLIDAY LN
DAVIS BLVD
FM 1938
NE LOOP 820
GLENVIEW DR
SH 26 - BOULEVARD 26
NORTH
RICHLAND
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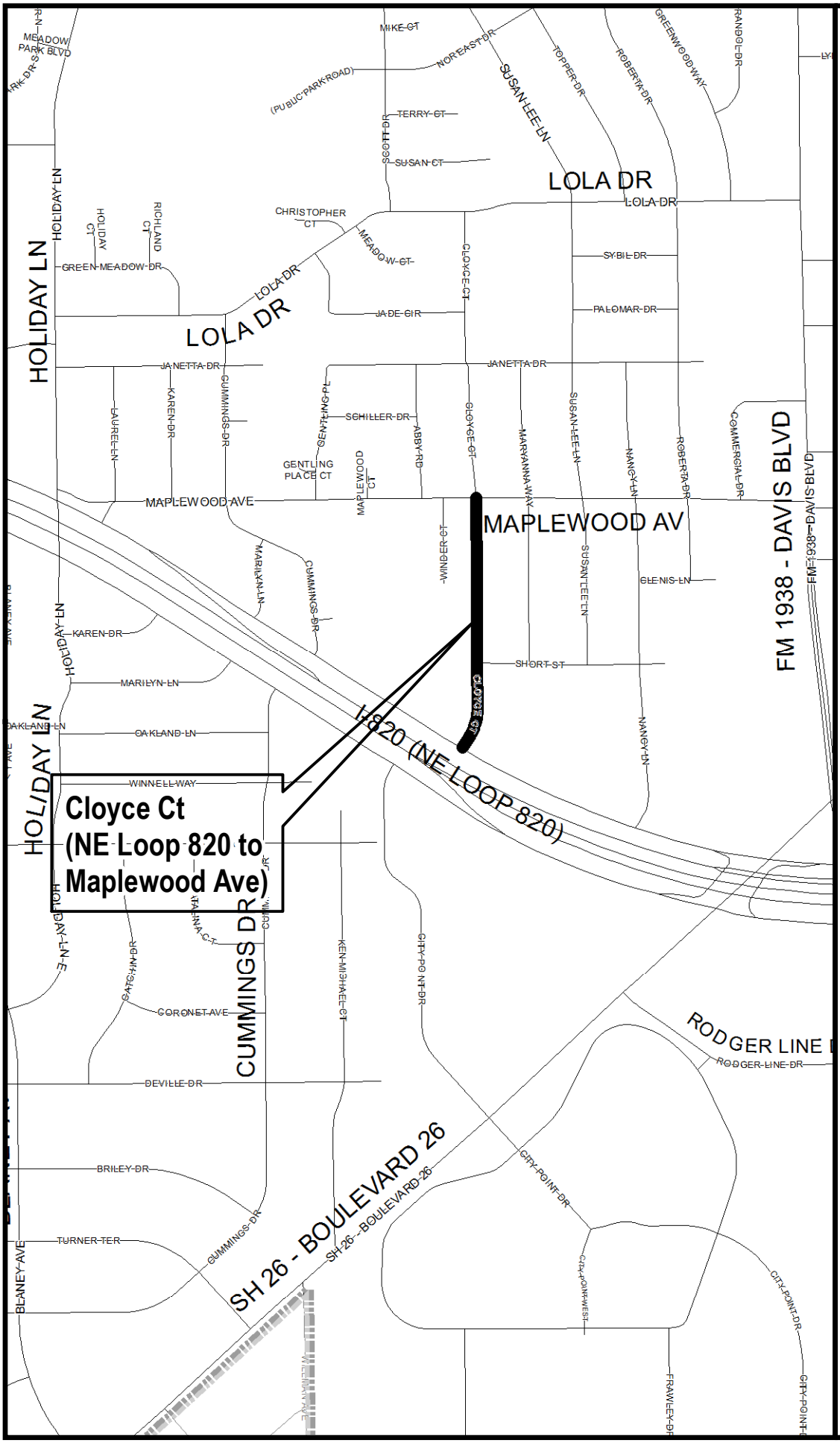
Cloyce Ct

(NE Loop 820 to Maplewood Ave)



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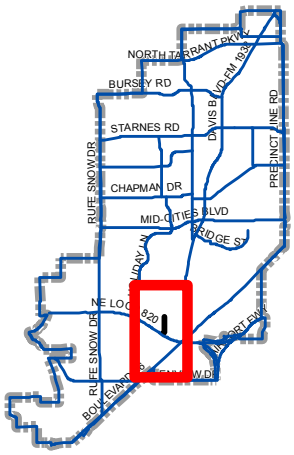
NORTH
RICHLAND
HILLS

Project Locator Map



Scale: 1" = 800'

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Information Services Department - GIS

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
Professional Services		
Engineering/Design	06/2009	08/2015
Land/ROW Acquisition		
Construction	09/2015	04/2016
Other		
Total Schedule	**06/2009**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2008-09	$750,000
Adopted Budget	2015-16	$200,000
Total		**$950,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds	750,000	0	0	0	**$750,000**
Certificates of Obligation					
Federal/State Grants					
Reserves	0	200,000	0	0	**$200,000**
Sales Tax					
Other					
Total Funding	**$750,000**	**$200,000**	**$0**	**$0**	**$950,000**

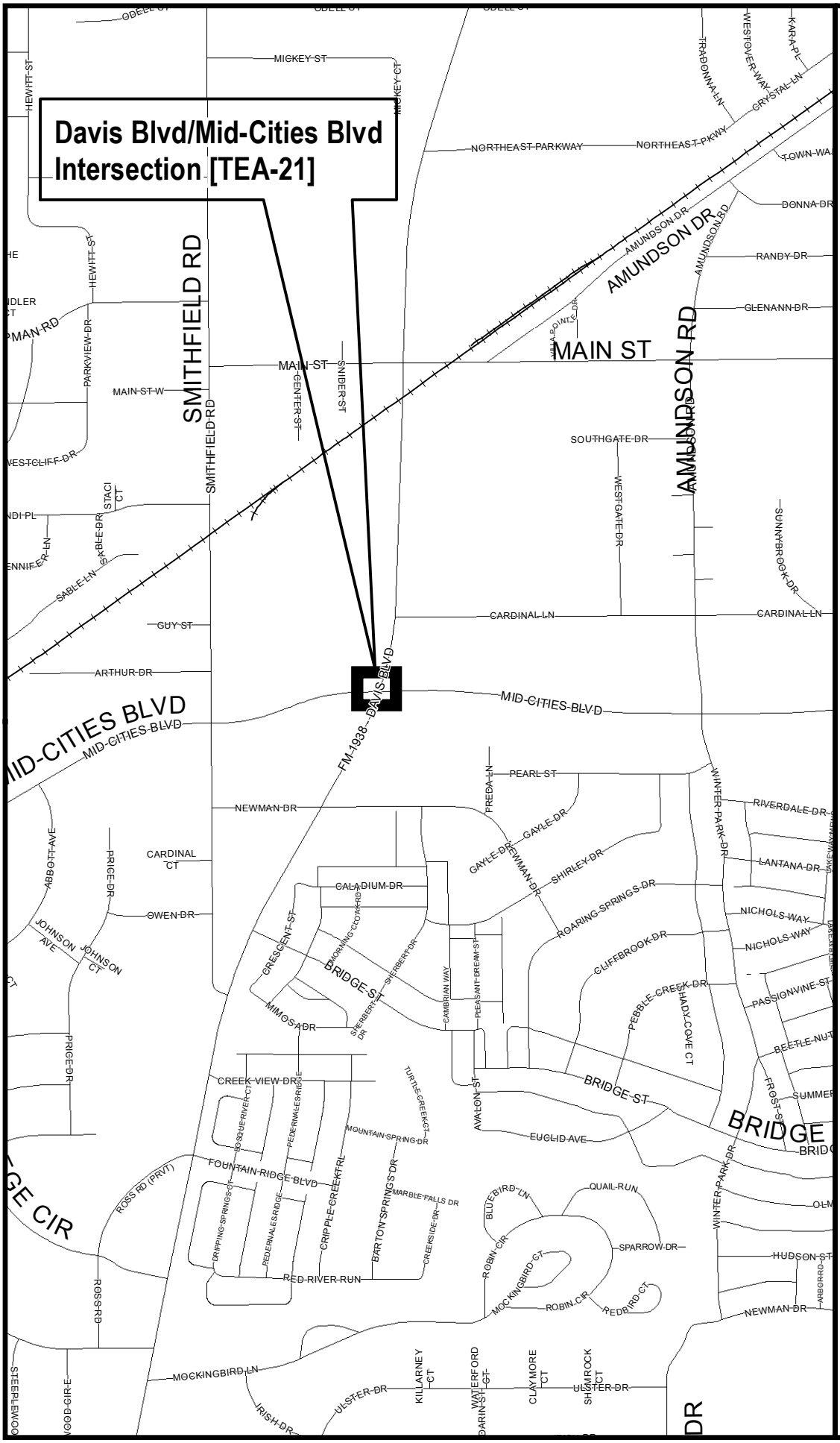
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	100,000	0	0	0	**$100,000**
Land/ROW Acquisition					
Construction	650,000	200,000	0	0	**$850,000**
Other					
Total Costs	**$750,000**	**$200,000**	**$0**	**$0**	**$950,000**

Operating Impact

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

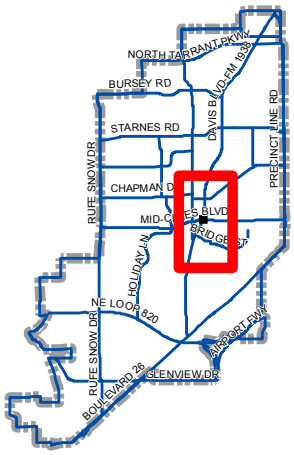
Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

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Information Services Department - GIS

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
Professional Services	10/2003	05/2008
Engineering/Design	07/2008	10/2014
Land/ROW Acquisition	08/2014	08/2015
Construction	11/2015	06/2016
Other		
Total Schedule	**10/2003**	**06/2016**

History	Fiscal Year	Amount
Adopted Budget	2003-04	$2,000,000
Revision	2010-11	$1,625,000
Adopted Budget	2014-15	$1,575,726
Total		**$5,200,726**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	3,796,772	0	0	0	**$3,796,772**
Reserves	403,954	0	0	0	**$403,954**
Sales Tax					
Other					
Total Funding	**$5,200,726**	**$0**	**$0**	**$0**	**$5,200,726**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

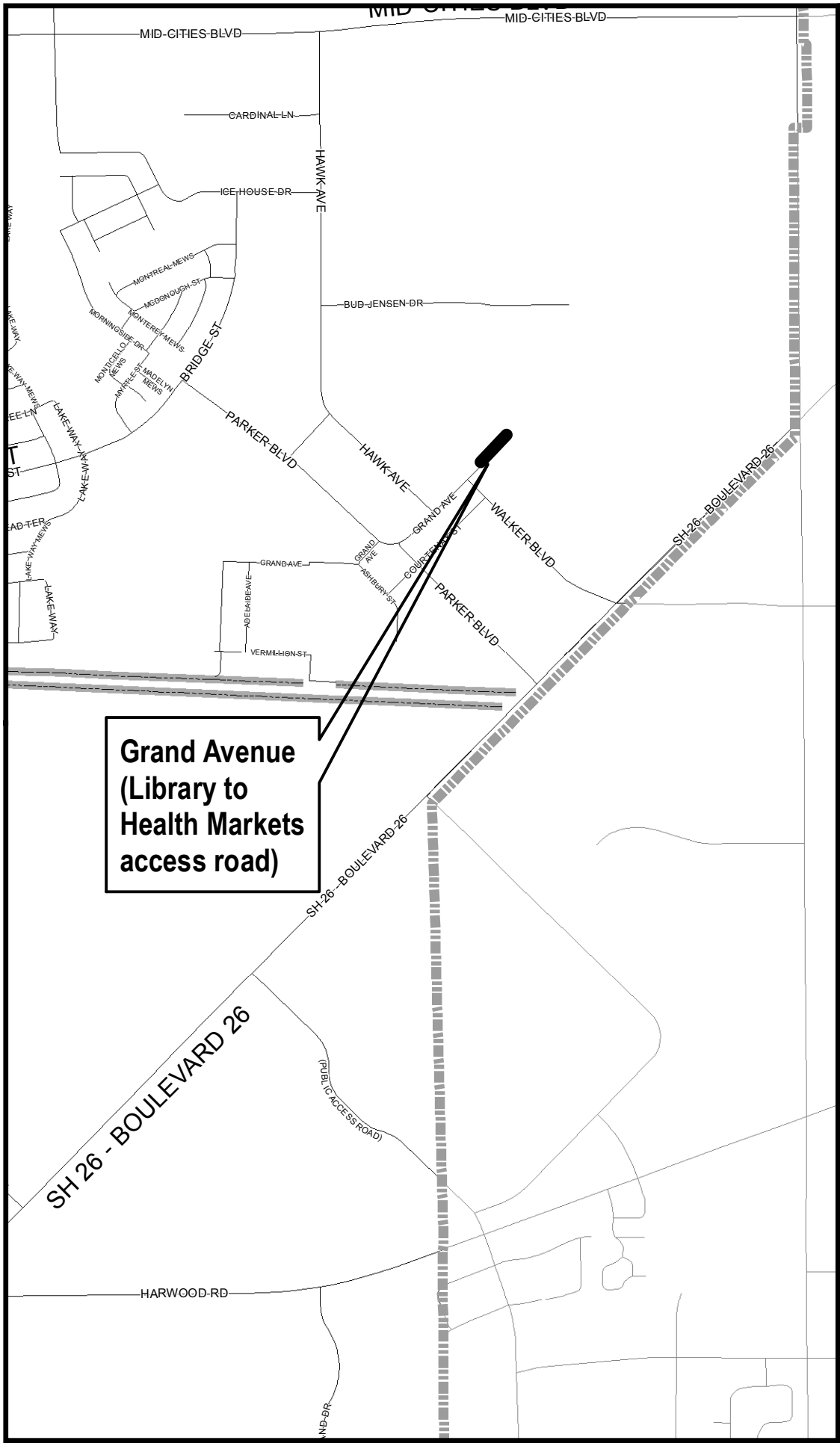
Operating Impact

No additional impact is projected with this project.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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)



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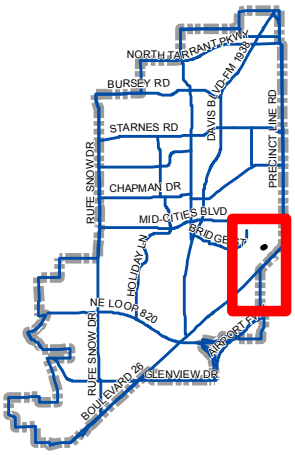
Project Locator Map



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP S_Grand-Library to HMarketsAccessRd.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	08/2017	01/2018
Land/ROW Acquisition		
Construction	03/2018	11/2018
Other		
Total Schedule	**08/2017**	**11/2018**

History	Fiscal Year	Amount
Adopted Budget	2008-09	$75,000
Total		**$75,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

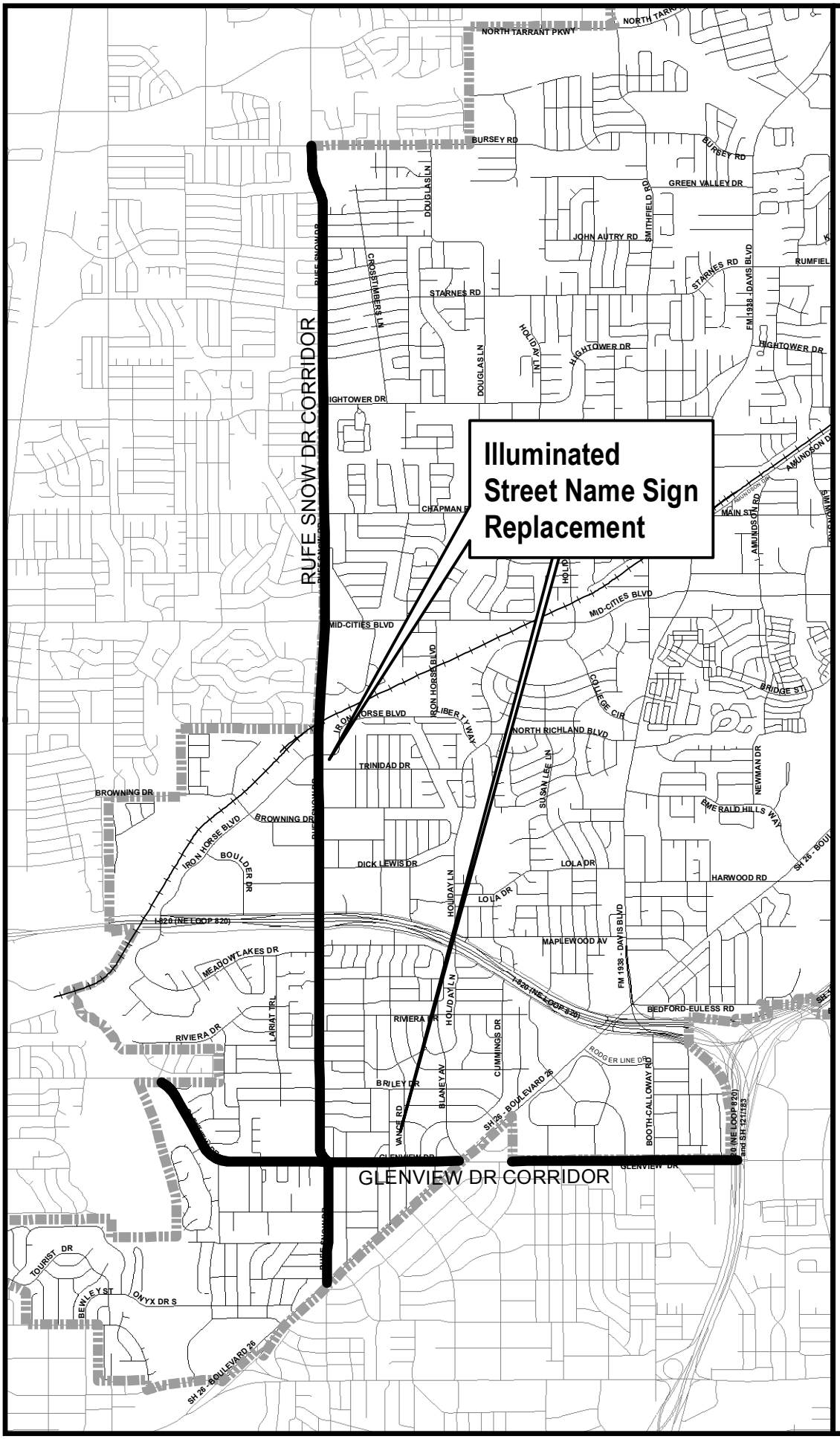
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	10,000	0	0	0	**$10,000**
Land/ROW Acquisition					
Construction	65,000	0	0	0	**$65,000**
Other					
Total Costs	**$75,000**	**$0**	**$0**	**$0**	**$75,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Illuminated Street Name Sign Replacement Project



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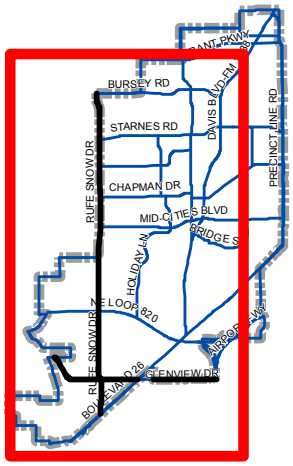
Project Locator Map



Scale: 1" = 3500'

30 MAY 15 Standard Maps\CIP S_IlluminatedStNameSign_Repl.mxd

Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Illuminated Street Name Sign Replacement Project	ST1403

Project Description

This project involves replacing 15 Illuminated Street Name signs (ILSN) that are either presently not working or are no longer serviceable. The manufacturer (Leo Tek) has withdrawn from the ILSN marketplace and replacement parts are no longer obtainable. The Rufe Snow and Glenview corridors are the primary areas where the replacement would take place.

Project Justification

The ILSN signs provide directions for motorists during night time driving. When the ILSN signs are not functioning street names and block numbers are not visible to motorists at night. Additionally, when these lights are not operational it creates a detriment to the city's appearance standards. Replacement of these signs would also eliminate citizen request for these signs to be repaired.

Funding Source is 1994 Bond Election Project Savings Reserves.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2013	10/2015
Other		
Total Schedule	**10/2013**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$75,000
Total		**$75,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

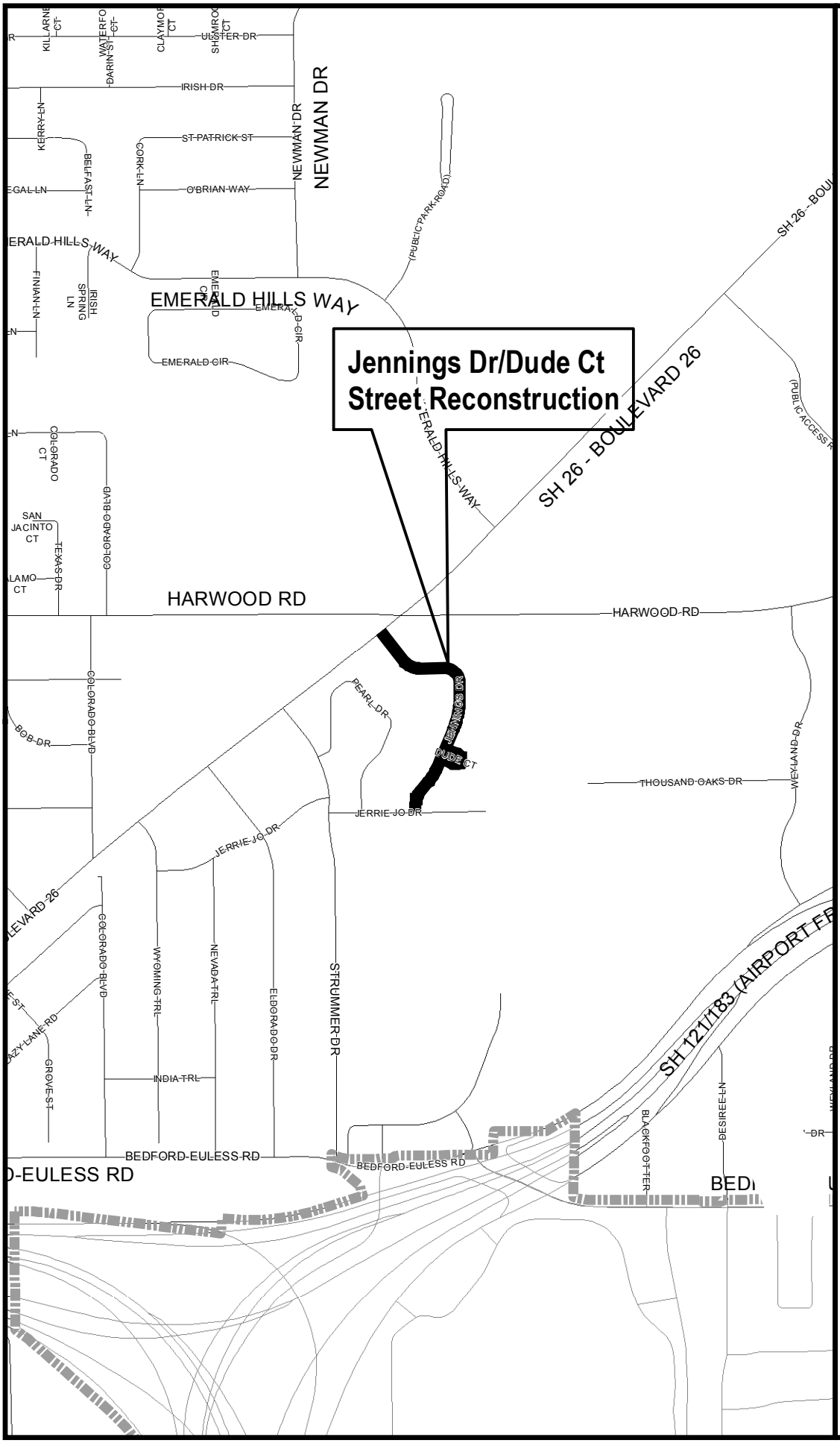
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	75,000	0	0	0	**$75,000**
Other					
Total Costs	**$75,000**	**$0**	**$0**	**$0**	**$75,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Jennings Dr/ Dude Ct Street Reconstruction



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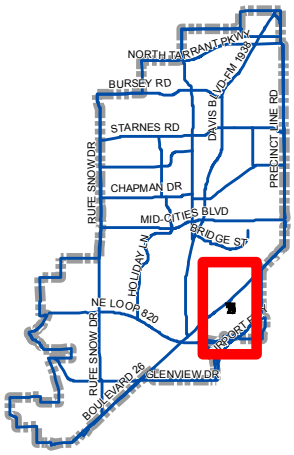
Project Locator Map



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP S_Jennings_Dude reconstruction.mxd

Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Jennings Dr/Dude Ct. Street Reconstruction	ST1404

Project Description

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 Justification

Both streets are in poor condition and have been patched for several years. The condition rating for Jennings is 47 and the rating for Dude Court is 62. Both ratings are considered very poor. Due to the poor condition of the street it is not feasible to include this with the Preventative Street Maintenance program. Too much of the existing pavement and all of the subgrade will need to be replaced. When the streets reach this condition level it is more economical to reconstruct the entire street.

Federal/State Grants funding is Community Development Block Grant (CDBG) funds.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	01/2013	07/2014
Land/ROW Acquisition		
Construction	10/2014	01/2016
Other		
Total Schedule	**01/2013**	**01/2016**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$1,039,570
Total		**$1,039,570**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds	610,000	0	0	0	**$610,000**
Certificates of Obligation					
Federal/State Grants	429,570	0	0	0	**$429,570**
Reserves					
Sales Tax					
Other					
Total Funding	**$1,039,570**	**$0**	**$0**	**$0**	**$1,039,570**

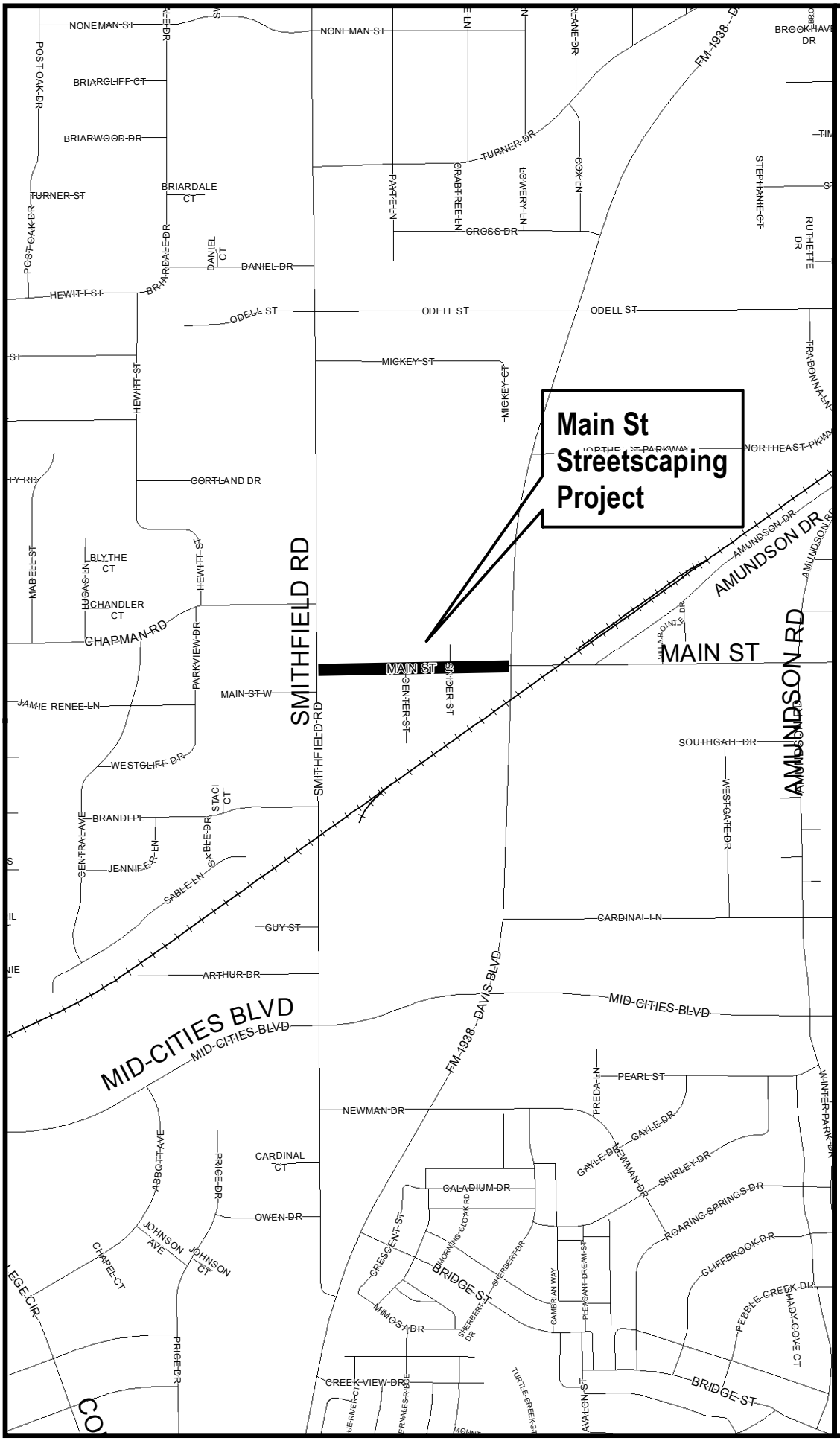
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	173,000	0	0	0	**$173,000**
Land/ROW Acquisition					
Construction	866,570	0	0	0	**$866,570**
Other					
Total Costs	**$1,039,570**	**$0**	**$0**	**$0**	**$1,039,570**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Main St Streetscaping Project



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP S_MainSt_Streetscaping.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	03/2017	10/2017
Land/ROW Acquisition	03/2016	09/2016
Construction	03/2018	10/2019
Other		
Total Schedule	**03/2016**	**10/2019**

History	Fiscal Year	Amount
Adopted Budget	2010-11	$527,000
Total		**$527,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	0	461,000	0	**$461,000**
Federal/State Grants					
Reserves	66,000	0	0	0	**$66,000**
Sales Tax					
Other					
Total Funding	**$66,000**	**$0**	**$461,000**	**$0**	**$527,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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	**$66,000**	**$0**	**$461,000**	**$0**	**$527,000**

Operating Impact

No impact on operating budget.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 (2015)	SM1501

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 Permanent Street Maintenance Fund Reserves at $700,000.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	10/2015
Other		
Total Schedule	**10/2014**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$700,000
Total		**$700,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	700,000	0	0	0	**$700,000**
Sales Tax					
Other					
Total Funding	**$700,000**	**$0**	**$0**	**$0**	**$700,000**

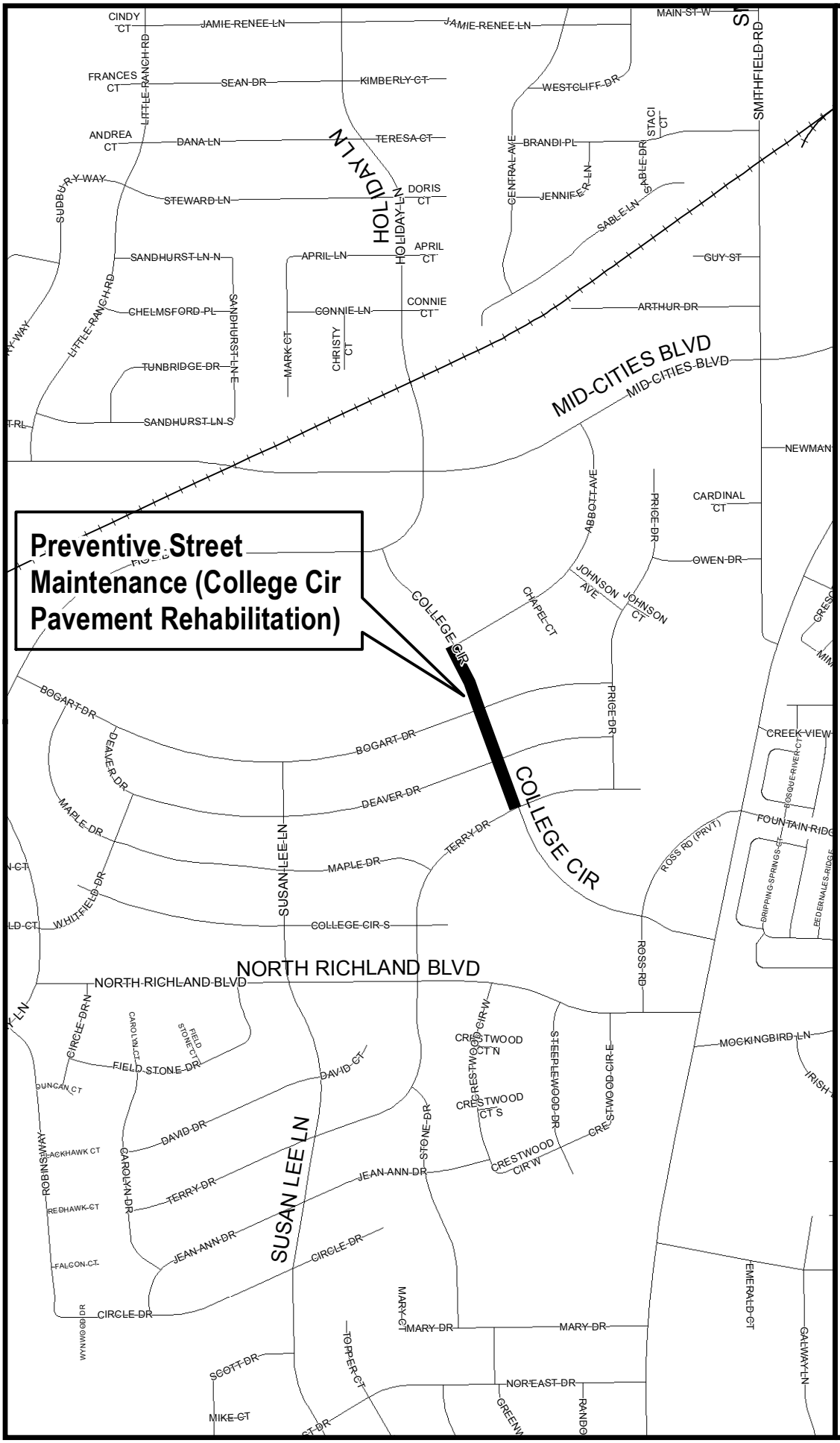
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	700,000	0	0	0	**$700,000**
Other					
Total Costs	**$700,000**	**$0**	**$0**	**$0**	**$700,000**

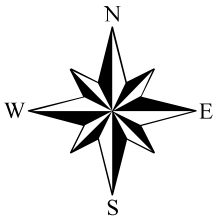
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

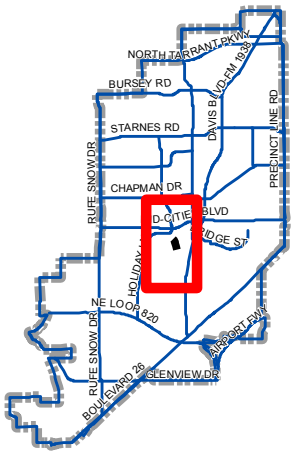
Preventive Street Maintenance (College Cir Pavement Rehabilitation)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP S_Preventive Str Maint - College Cir Pavement Rehab.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	10/2015
Other		
Total Schedule	**10/2014**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$300,000
Total		**$300,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	300,000	0	0	0	**$300,000**
Other					
Total Costs	**$300,000**	**$0**	**$0**	**$0**	**$300,000**

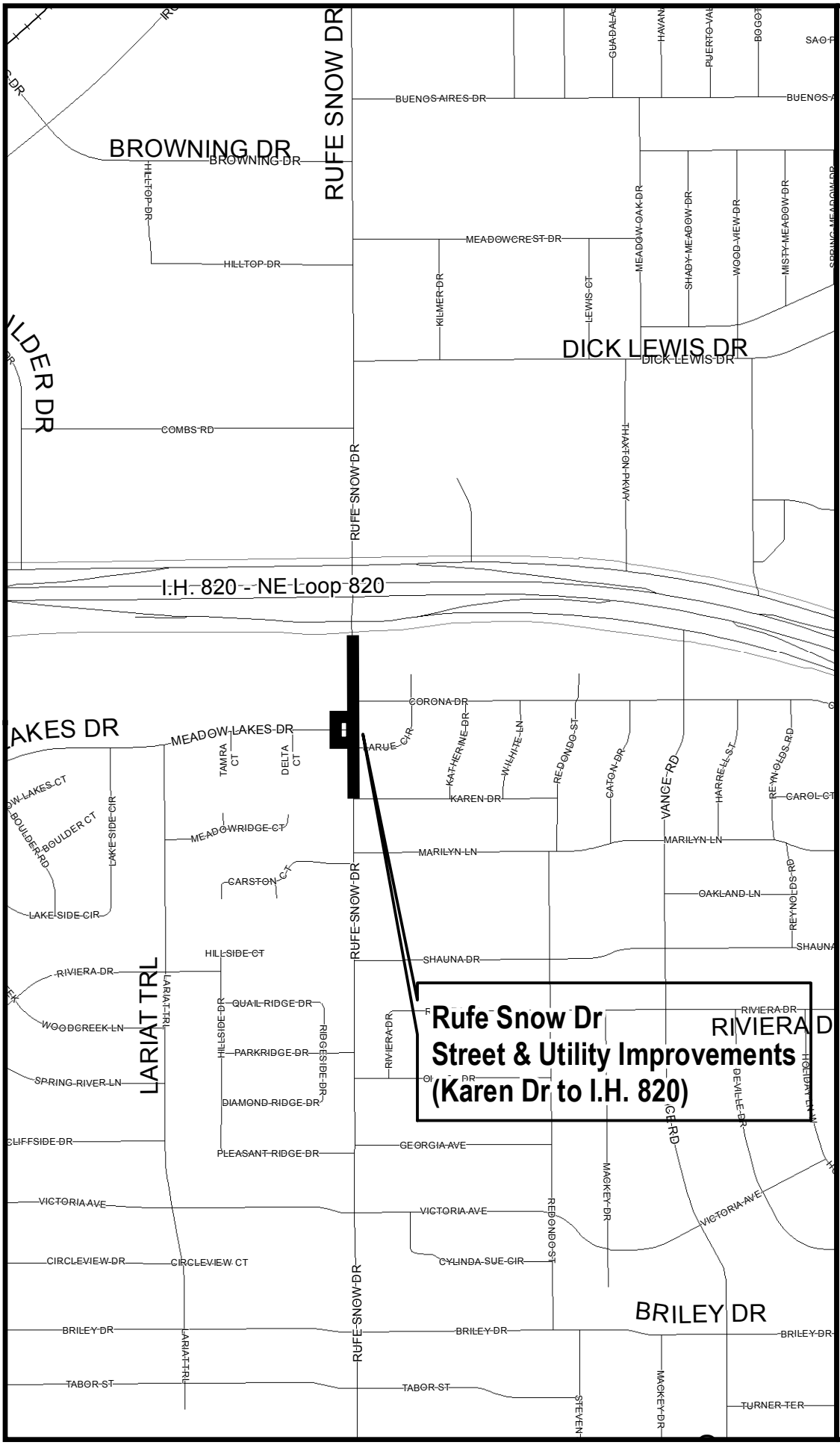
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Rufe Snow Dr Street & Utility Improvements

(Karen Dr to I.H. 820)



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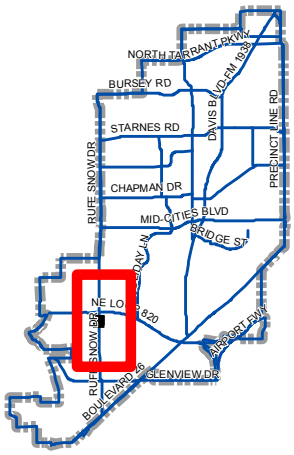
Project Locator Map



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Information Services Department - GIS

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
Professional Services		
Engineering/Design	01/2001	05/2008
Land/ROW Acquisition	08/2008	01/2015
Construction	11/2015	07/2017
Other		
Total Schedule	**01/2001**	**07/2017**

History	Fiscal Year	Amount
Adopted Budget	1996-97	$737,000
Revision	1997-98	$177,450
Revision	2001-02	($28,500)
Revision	2014-15	$500,000
Total		**$1,385,950**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds	1,285,950	0	0	0	**$1,285,950**
Certificates of Obligation					
Federal/State Grants					
Reserves	100,000	0	0	0	**$100,000**
Sales Tax					
Other					
Total Funding	**$1,385,950**	**$0**	**$0**	**$0**	**$1,385,950**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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	1,017,619	0	0	0	**$1,017,619**
Other					
Total Costs	**$1,385,950**	**$0**	**$0**	**$0**	**$1,385,950**

Operating Impact

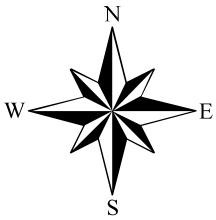
Road maintenance and other operating expenses should be nominal during the first 5 to 10 years for this project.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Rufe Snow Dr Street & Utility Improvements

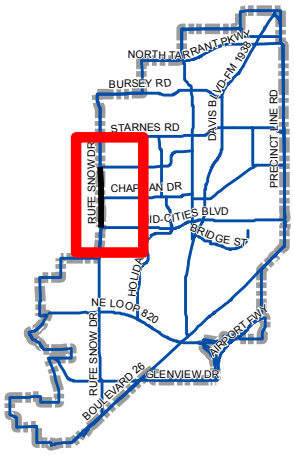
(Mid-Cities Blvd to Hightower Dr) [ITEA-21]

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



NORTH RICHLAND HILLS

Project Locator Map



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30 MAY 15 Standard Maps\CIP S_Rufesnow-imps-midcities to hightower.mxd

Information Services Department - GIS

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
Professional Services	10/2001	10/2007
Engineering/Design	03/2008	03/2014
Land/ROW Acquisition	04/2011	06/2014
Construction	09/2015	05/2017
Other		
Total Schedule	**10/2001**	**05/2017**

History	Fiscal Year	Amount
Adopted Budget	2001-02	$11,610,000
Revision	2006-07	$2,117,000
Adopted Budget	2014-15	$7,976,236
Total		**$21,703,236**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

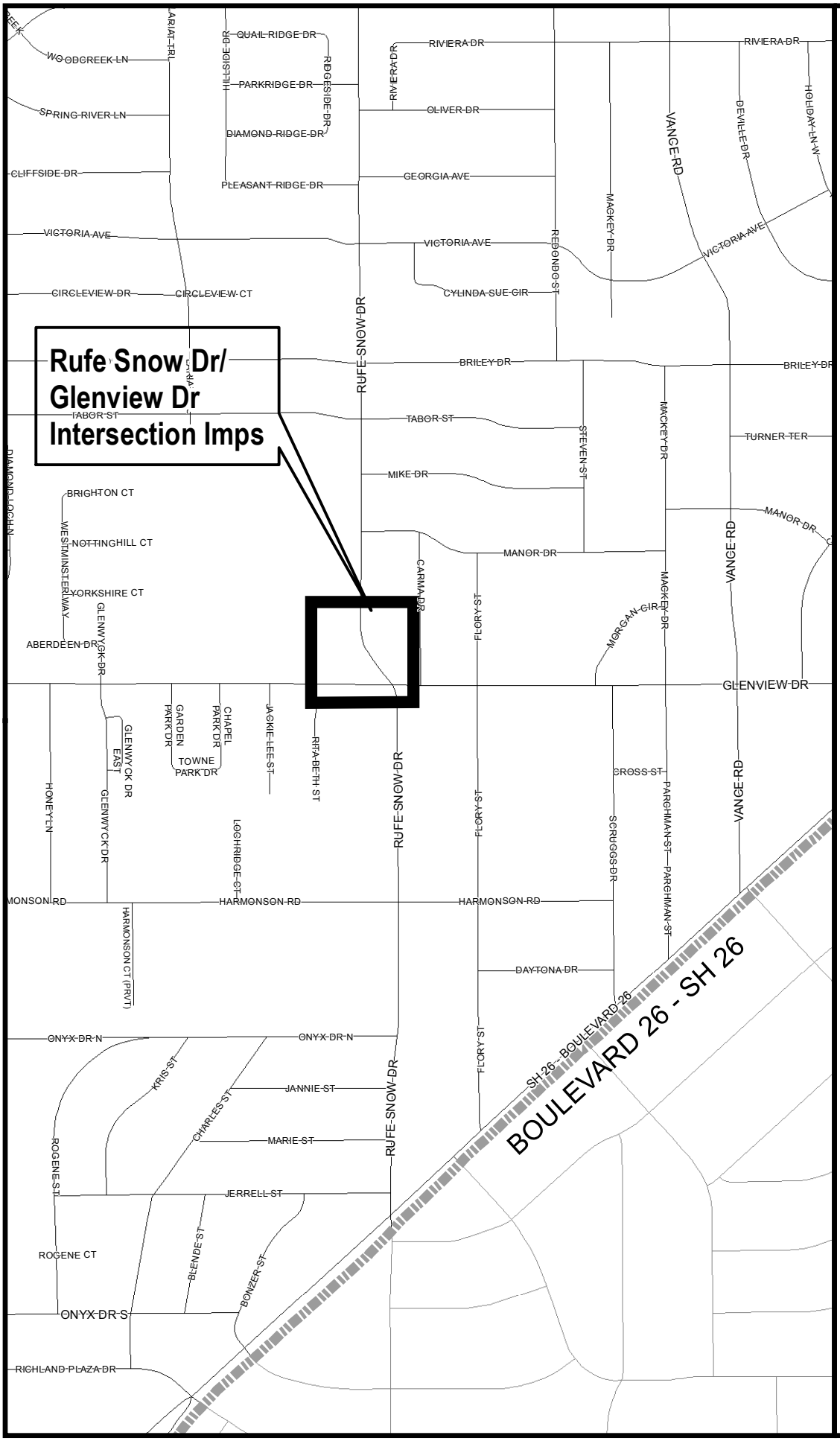
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	1,600,000	0	0	0	**$1,600,000**
Land/ROW Acquisition	7,033,236	0	0	0	**$7,033,236**
Construction	13,070,000	0	0	0	**$13,070,000**
Other					
Total Costs	**$21,703,236**	**$0**	**$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	2015-16	2016-17	2017-18	2018-19	2019-20	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



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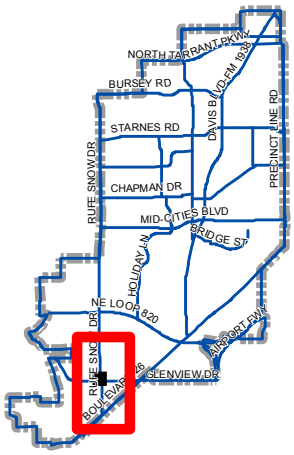
Project Locator Map



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30 MAY 15 Standard Maps\CIP S_Rufesnow_Glenview Intersect Imps.mxd

Information Services Department - GIS

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 motorist traveling through the intersection. The project will be completed in two phases. Phase I will consist of the acquition and remvoal 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

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	11/2011	09/2017
Land/ROW Acquisition	06/2014	09/2017
Construction	11/2018	11/2019
Other		
Total Schedule	**11/2011**	**11/2019**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$1,435,000
Total		**$1,435,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	550,000	0	0	0	**$550,000**
Reserves	885,000	0	0	0	**$885,000**
Sales Tax					
Other					
Total Funding	**$1,435,000**	**$0**	**$0**	**$0**	**$1,435,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	200,000	0	0	0	**$200,000**
Land/ROW Acquisition	200,000	0	0	0	**$200,000**
Construction	1,035,000	0	0	0	**$1,035,000**
Other					
Total Costs	**$1,435,000**	**$0**	**$0**	**$0**	**$1,435,000**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 (2015)	SD1501

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 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	01/2016
Other		
Total Schedule	**10/2014**	**01/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$50,000
Total		**$50,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

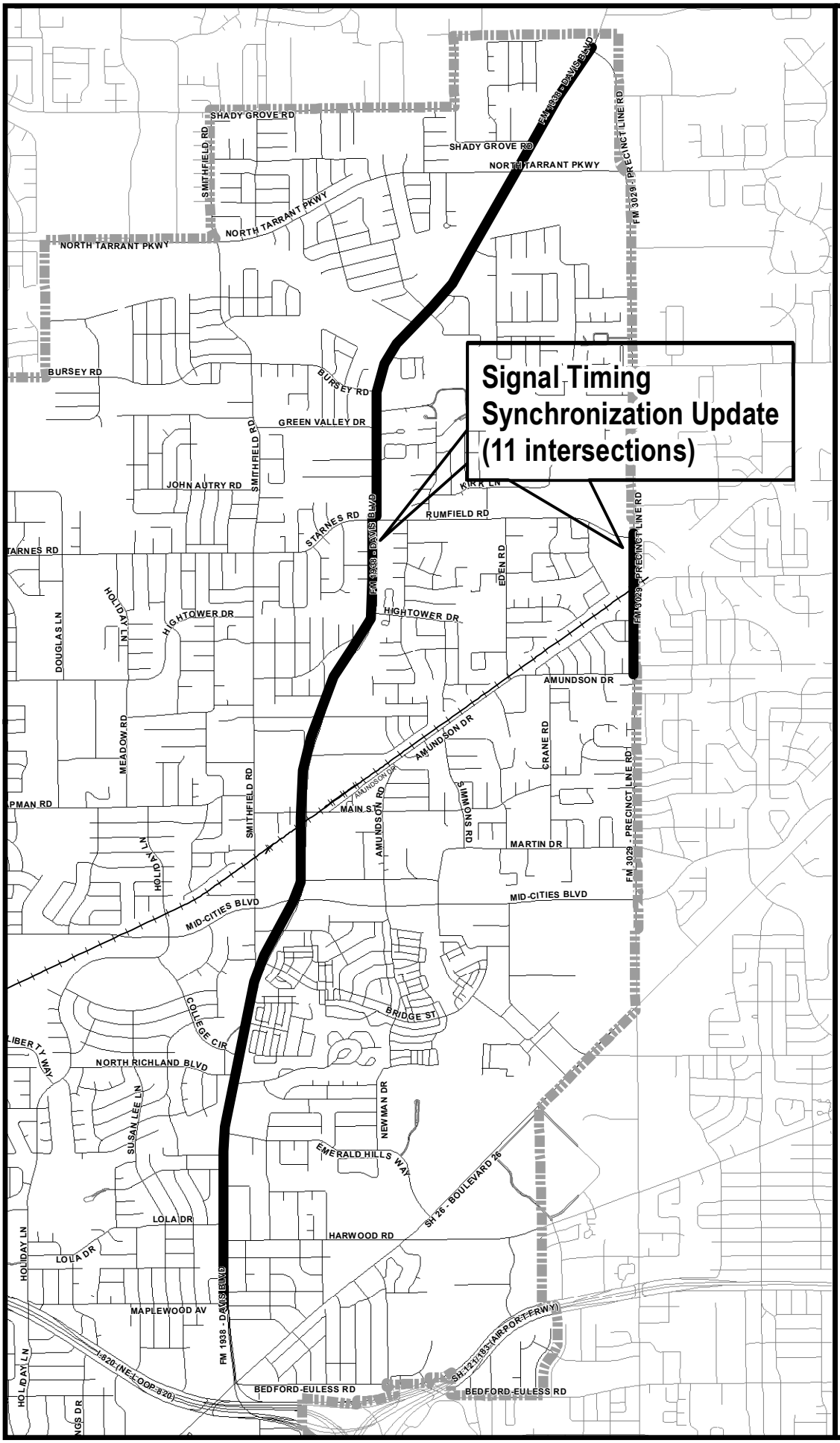
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	50,000	0	0	0	**$50,000**
Other					
Total Costs	**$50,000**	**$0**	**$0**	**$0**	**$50,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Signal Timing Synchronization Update



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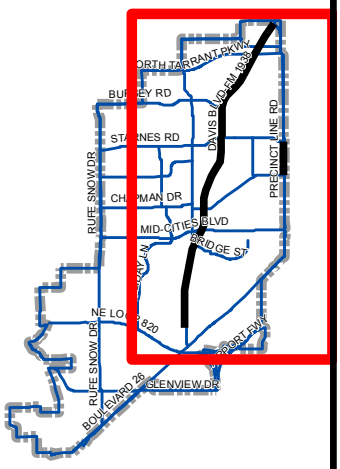
Project Locator Map



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Information Services Department - GIS

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2012	12/2015
Other		
Total Schedule	**10/2012**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2012-13	$95,000
Total		**$95,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

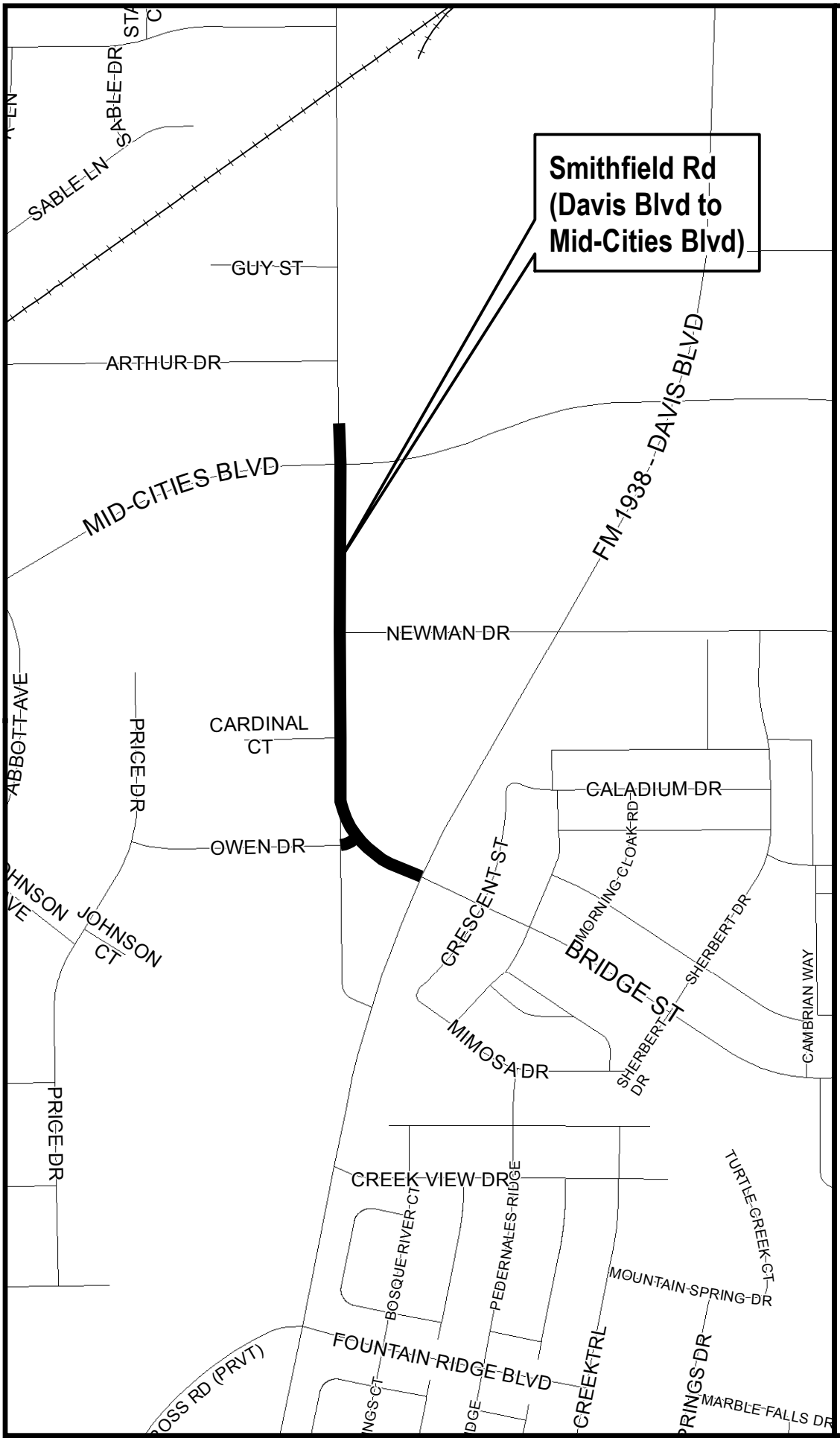
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	95,000	0	0	0	**$95,000**
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$95,000**	**$0**	**$0**	**$0**	**$95,000**

Operating Impact

No impact on operating budget

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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)



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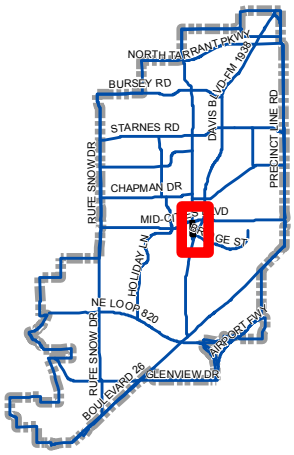
Project Locator Map



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30 MAY 15 Standard Maps\CIP S_Smithfield_Davis to MidCities.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	11/2013	03/2015
Land/ROW Acquisition	04/2015	07/2015
Construction	09/2015	08/2016
Other		
Total Schedule	**11/2013**	**08/2016**

History	Fiscal Year	Amount
Adopted Budget	2012-13	$2,200,000
Total		**$2,200,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	**$2,200,000**	**$0**	**$0**	**$0**	**$2,200,000**

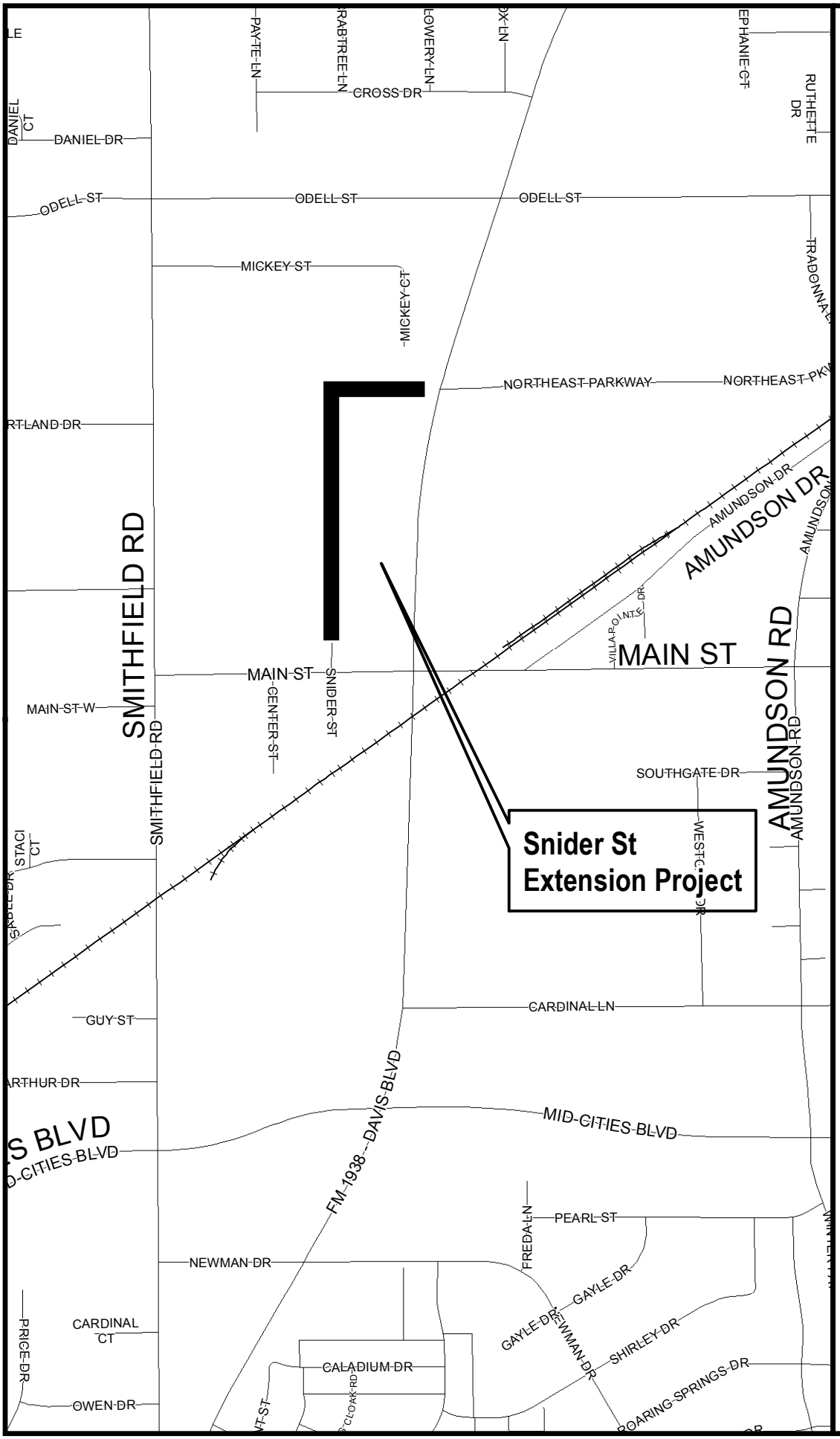
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	340,000	0	0	0	**$340,000**
Land/ROW Acquisition	170,000	0	0	0	**$170,000**
Construction	1,690,000	0	0	0	**$1,690,000**
Other					
Total Costs	**$2,200,000**	**$0**	**$0**	**$0**	**$2,200,000**

Operating Impact

Project will have an impact on signal light maintenance.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$1,300	$1,300	$1,300	$0	$0	$3,900
Total Operating Impact	**$1,300**	**$1,300**	**$1,300**	**$0**	**$0**	**$3,900**

Snider St Extension Project



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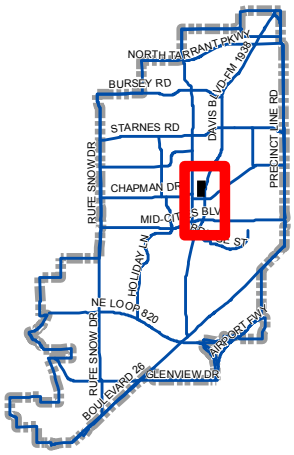
Project Locator Map



Scale: 1" = 600'

30 MAY 15 Standard Maps\CIP S_SniderSt_Extension.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	08/2015	08/2016
Land/ROW Acquisition		
Construction	09/2016	06/2017
Other		
Total Schedule	**08/2015**	**06/2017**

History	Fiscal Year	Amount
Adopted Budget	2010-11	$2,800,050
Total		**$2,800,050**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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**

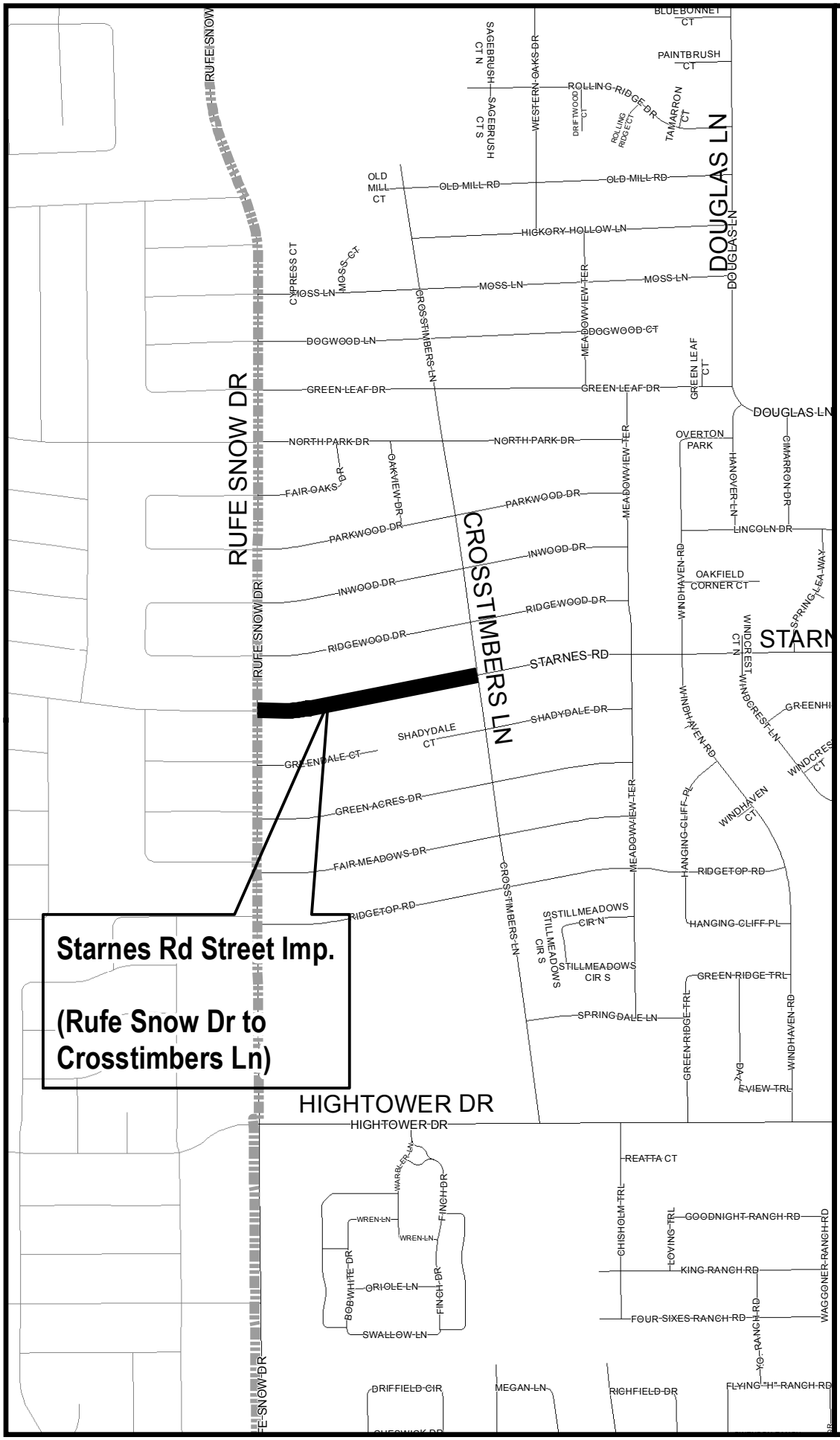
Operating Impact

No operating impact anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Starnes Rd Street Improvements

(Rufe Snow Dr to Crosstimbers Ln)



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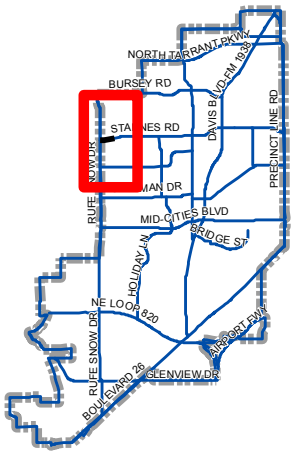
Project Locator Map



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Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Starnes Road Street Imp. (Rufe Snow Dr. to Crosstimbers Ln.)	ST1001

Project Description

This area is identified on the Master Thoroughfare Plan as a Minor Collector, 2 Lane, Undivided (C2U). This project will begin at Rufe Snow Drive and end at Crosstimbers Lane. Currently, the existing street consists of asphalt pavement. This project will consist of reconstructing approximately 1,300 linear feet of the asphalt pavement with concrete pavement and providing drainage improvements necessary to comply with the current city standards.

Project Justification

This section of Starnes Road was originally constructed in 1973 as an asphalt street and serves as a major east-west thoroughfare in the northern part of the city. The average life of an asphalt street is 20 years. This street is in excess of 39 years old and was overlaid in 1996. The current street condition rating is 30. This rating is considered to be very poor, consisting of areas of complete pavement failure, exhibiting bad riding quality, numerous potholes, areas of ponding water and typically high maintenance. In the areas of pavement failure, the subgrade has been compromised. This can be seen by the current movement between the pavement and existing curb and gutter.

The General Obligation Bonds are from the 2003 Bond Program.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2010	03/2013
Land/ROW Acquisition		
Construction	05/2013	12/2015
Other		
Total Schedule	**05/2010**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2009-10	$600,000
Revision	2012-13	$157,000
Total		**$757,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds	600,000	0	0	0	**$600,000**
Certificates of Obligation					
Federal/State Grants					
Reserves	157,000	0	0	0	**$157,000**
Sales Tax					
Other					
Total Funding	**$757,000**	**$0**	**$0**	**$0**	**$757,000**

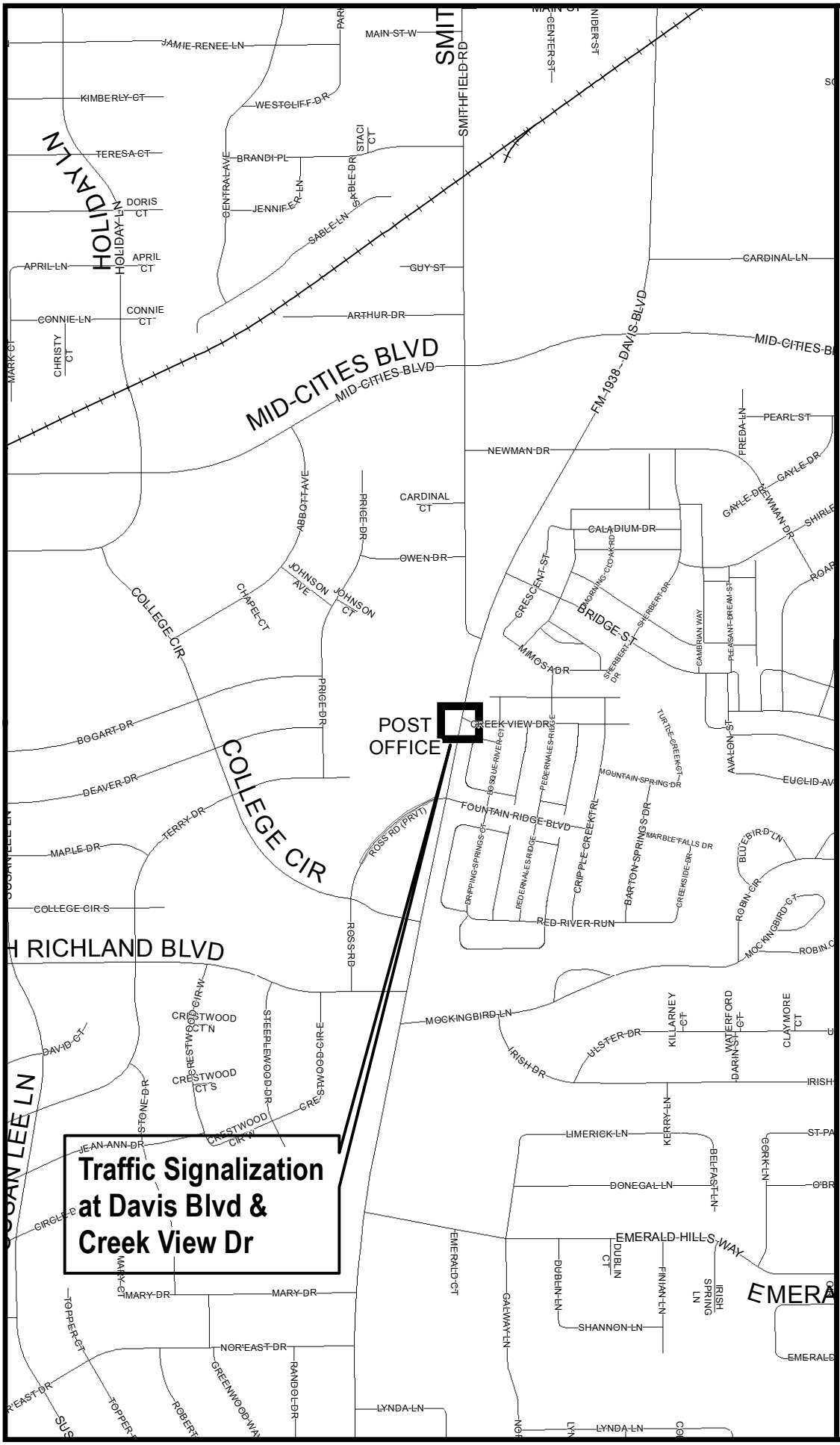
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	105,000	0	0	0	**$105,000**
Land/ROW Acquisition					
Construction	652,000	0	0	0	**$652,000**
Other					
Total Costs	**$757,000**	**$0**	**$0**	**$0**	**$757,000**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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



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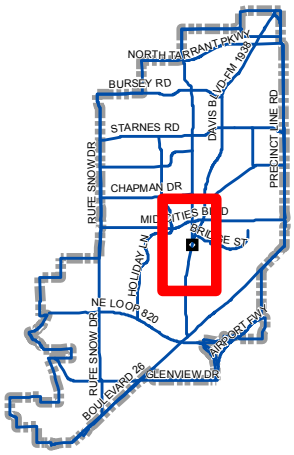
Project Locator Map



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30 MAY 15 Standard Maps\CIP S_Signalization-Davis_at_CreekView.mxd

Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Traffic Signalization at Davis Boulevard & Creek View Drive	ST1005

Project Description

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.

Project Justification

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.

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.

The Reserves funding is from the General CIP GO Bonds project savings ($65,000) and 1994 General Obligation Bond Election project savings ($235,000) .

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.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2010	12/2016
Land/ROW Acquisition		
Construction	02/2017	12/2017
Other		
Total Schedule	**05/2010**	**12/2017**

History	Fiscal Year	Amount
Adopted Budget	2009-10	$300,000
Total		**$300,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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

Maintenance cost

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$1,300	$1,300	$1,300	$0	$0	$3,900
Total Operating Impact	**$1,300**	**$1,300**	**$1,300**	**$0**	**$0**	**$3,900**

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$100,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

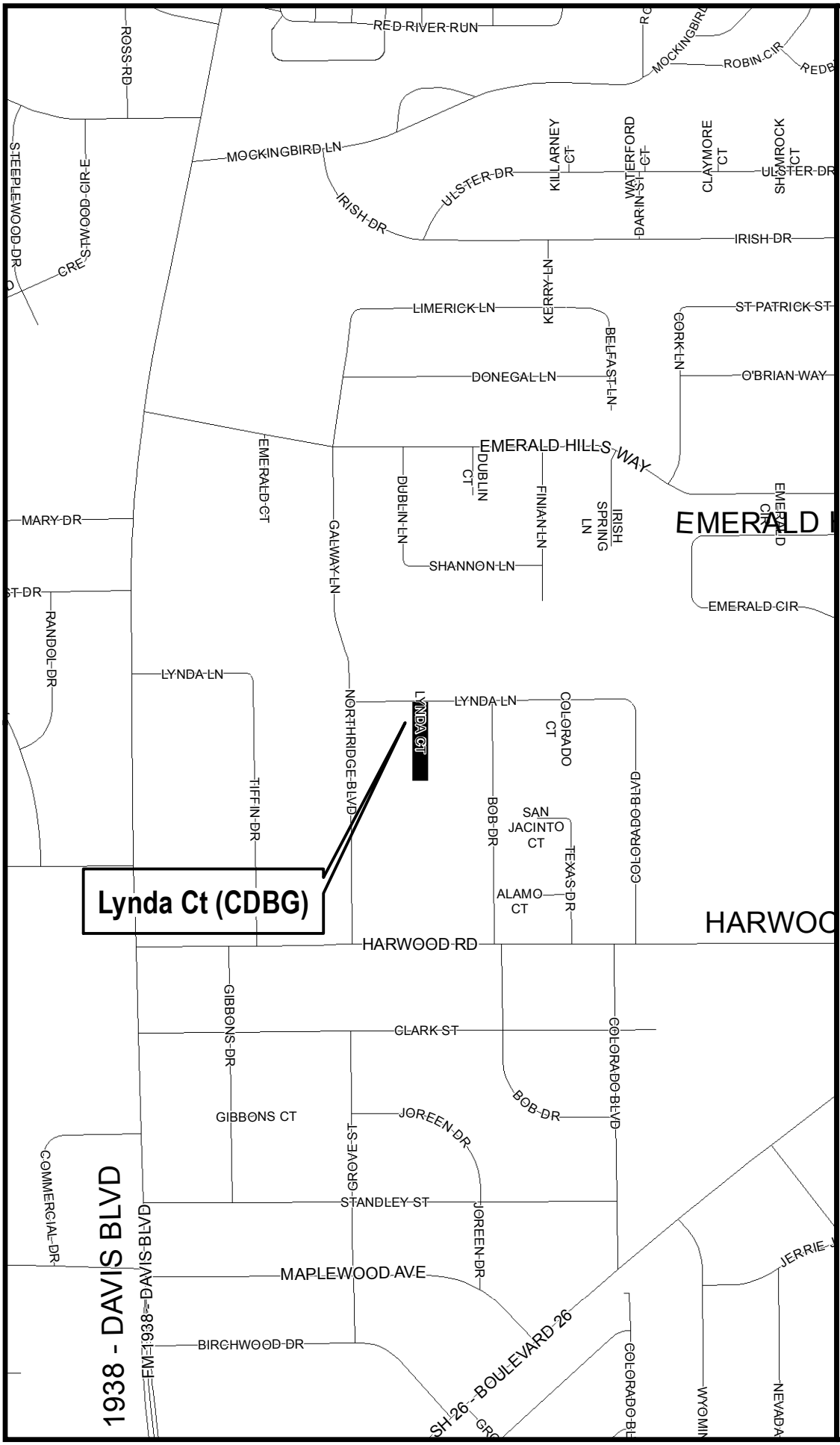
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	100,000	0	0	**$100,000**
Other					
Total Costs	**$0**	**$100,000**	**$0**	**$0**	**$100,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Lynda Ct (CDBG)



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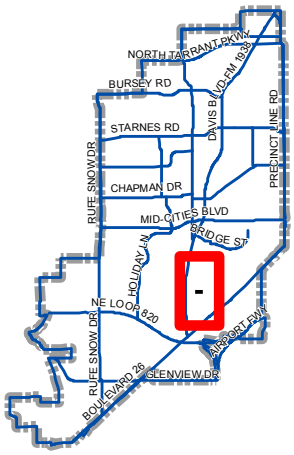
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 600'

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Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Lynda Court (CDBG)	CDBG16

Project Description

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

Project Justification

Lynda Court was originally constructed in the early 1980's time frame. The current (2014) condition rating is a 42, near the low end of the “Poor” category per our annual Street Inventory. Due to the poor condition of the street it is not feasible to include it with the annual Preventative Street Maintenance Program. Too much of the existing pavement and all of the subgrade will need to be replaced. When streets reach this condition level it is more economical to reconstruct the entire street. In addition to the pavement, the existing 6” sanitary sewer and water lines are in need of replacement. The sanitary sewer line is vitrified clay, and the existing water line is cast iron. Both of these pipe materials are problematic as the infrastructure ages.

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. No CDBG funds are administered by the City; all funds remain with Tarrant County.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	09/2016
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$226,821
Total		**$226,821**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	0	226,821	0	0	**$226,821**
Reserves					
Sales Tax					
Other					
Total Funding	**$0**	**$226,821**	**$0**	**$0**	**$226,821**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	32,700	0	0	**$32,700**
Land/ROW Acquisition					
Construction	0	194,121	0	0	**$194,121**
Other					
Total Costs	**$0**	**$226,821**	**$0**	**$0**	**$226,821**

Operating Impact

No Operating Impact is anticipated

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 th 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 Permanent Street Maintenance Fund Reserves at $800,000.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$800,000
Total		**$800,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	800,000	0	0	**$800,000**
Sales Tax					
Other					
Total Funding	**$0**	**$800,000**	**$0**	**$0**	**$800,000**

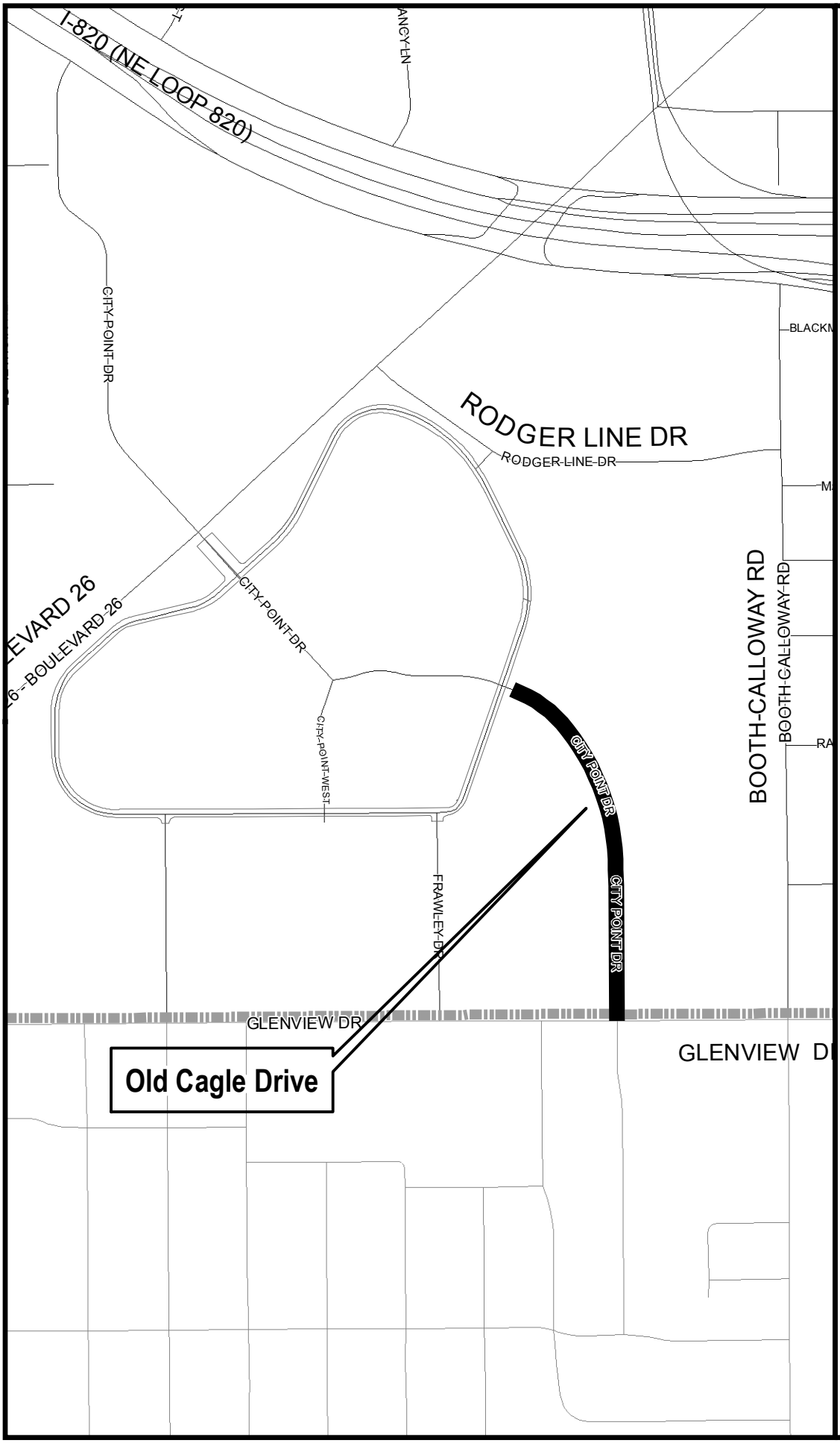
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	800,000	0	0	**$800,000**
Other					
Total Costs	**$0**	**$800,000**	**$0**	**$0**	**$800,000**

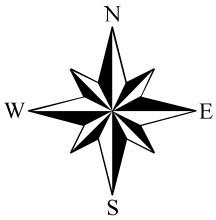
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

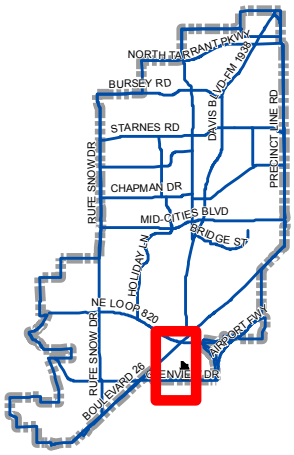
Preventive Street Maintenance (Old Cagle Dr)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 600'

30 MAY 15 Standard Maps\CIP S_PrevStMaint_Old Cagle Dr.mxd

Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Preventive Street Maintenance (Old Cagle Drive)	SM1602

Project Description

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.

Project Justification

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.

Funding sources are Permanent Street Maintenance Fund Reserves at $200,000.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	12/2015
Other		
Total Schedule	**10/2015**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget		$200,000
Total		**$200,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	200,000	0	0	**$200,000**
Sales Tax					
Other					
Total Funding	**$0**	**$200,000**	**$0**	**$0**	**$200,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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 anticipated

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 sidewalkds 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$50,000
Total		**$50,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

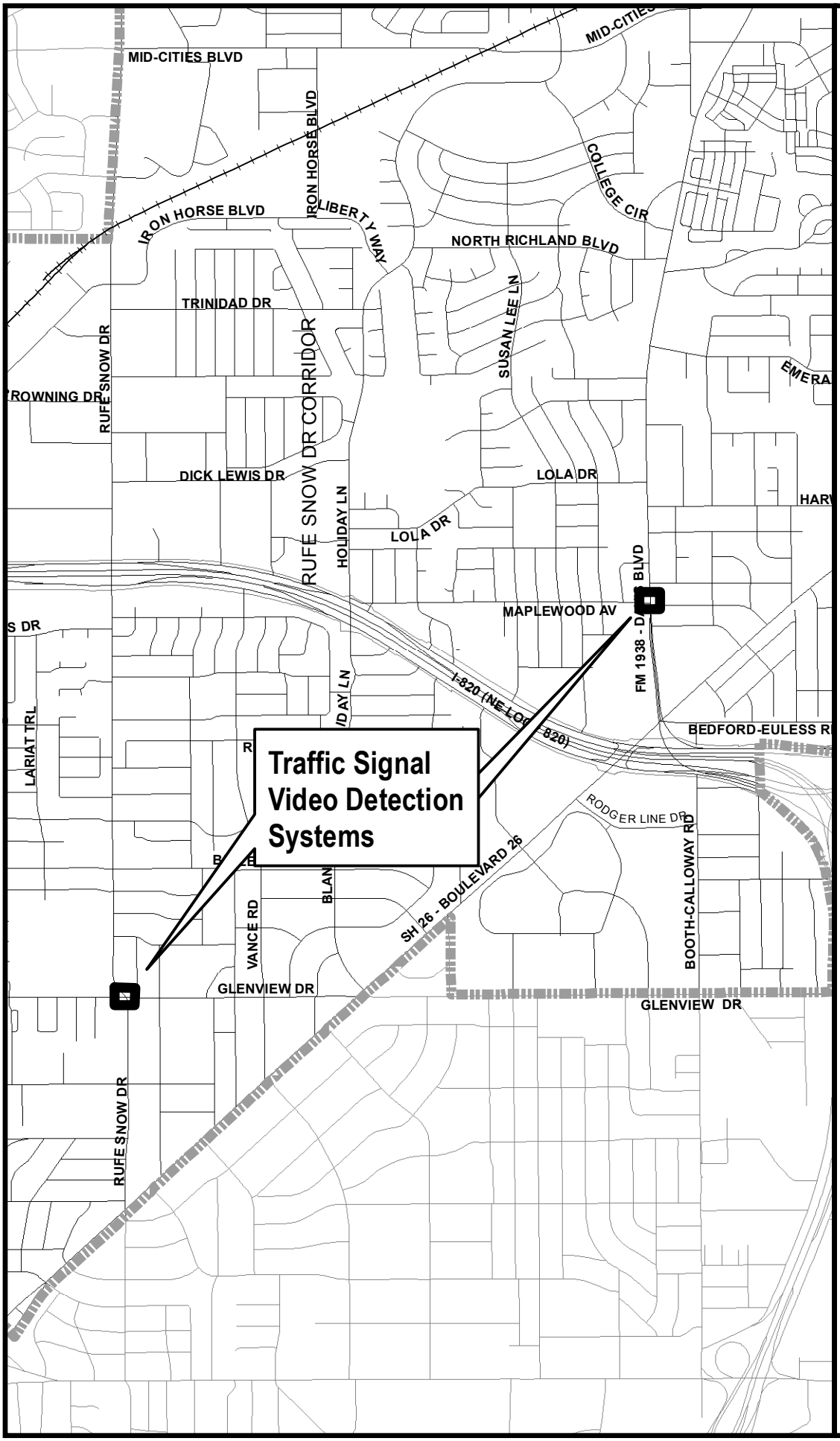
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	50,000	0	0	**$50,000**
Other					
Total Costs	**$0**	**$50,000**	**$0**	**$0**	**$50,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Traffic Signal Video Detection Systems



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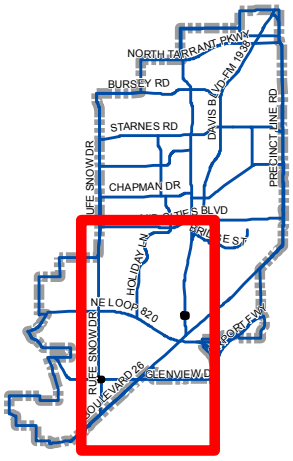
Project Locator Map



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30 MAY 15 Standard Maps\CIP S_TrafficSig_VideoDetectSys.mxd

Information Services Department - GIS

Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	Traffic Signal Video Detection Systems	ST1602

Project Description

This project consists of purchasing two (2) video detection systems and the subsequent installation at two (2) intersections. The two intersections are, Davis Boulevard at Maplewood Avenue and Rufe Snow Drive at Glenview Drive.

Project Justification

The traffic signal at Davis Boulevard and Maplewood Avenue currently has a video detection system but is antiquated and requires constant repairs. Additionally, this intersection consists of the side street (Maplewood Avenue) being offset from one another which requires a specialized installation of the detection cameras. When TXDOT installed this system they located the detection cameras in areas that are very difficult for the system to work properly. The intersection of Glenview Drive and Rufe Snow Drive is currently utilizing pavement loops for vehicle detection. When these loops fail it requires us to use a pavement saw to replace them. This is very time consuming and creates multiple unsightly saw joints in the newly constructed pavement. Utilizing video detection equipment would be consistant with the remaining intersections along Rufe Snow Drive and has a higher detection rate than the standard loop detector.

Note: Street Maintenance Reserves from prior project savings.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$56,000
Total		**$56,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	56,000	0	0	**$56,000**
Sales Tax					
Other					
Total Funding	**$0**	**$56,000**	**$0**	**$0**	**$56,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	56,000	0	0	**$56,000**
Other					
Total Costs	**$0**	**$56,000**	**$0**	**$0**	**$56,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

DRAINAGE IMPROVEMENTS LONG RANGE PLAN
PROPOSED FY 2015/2016

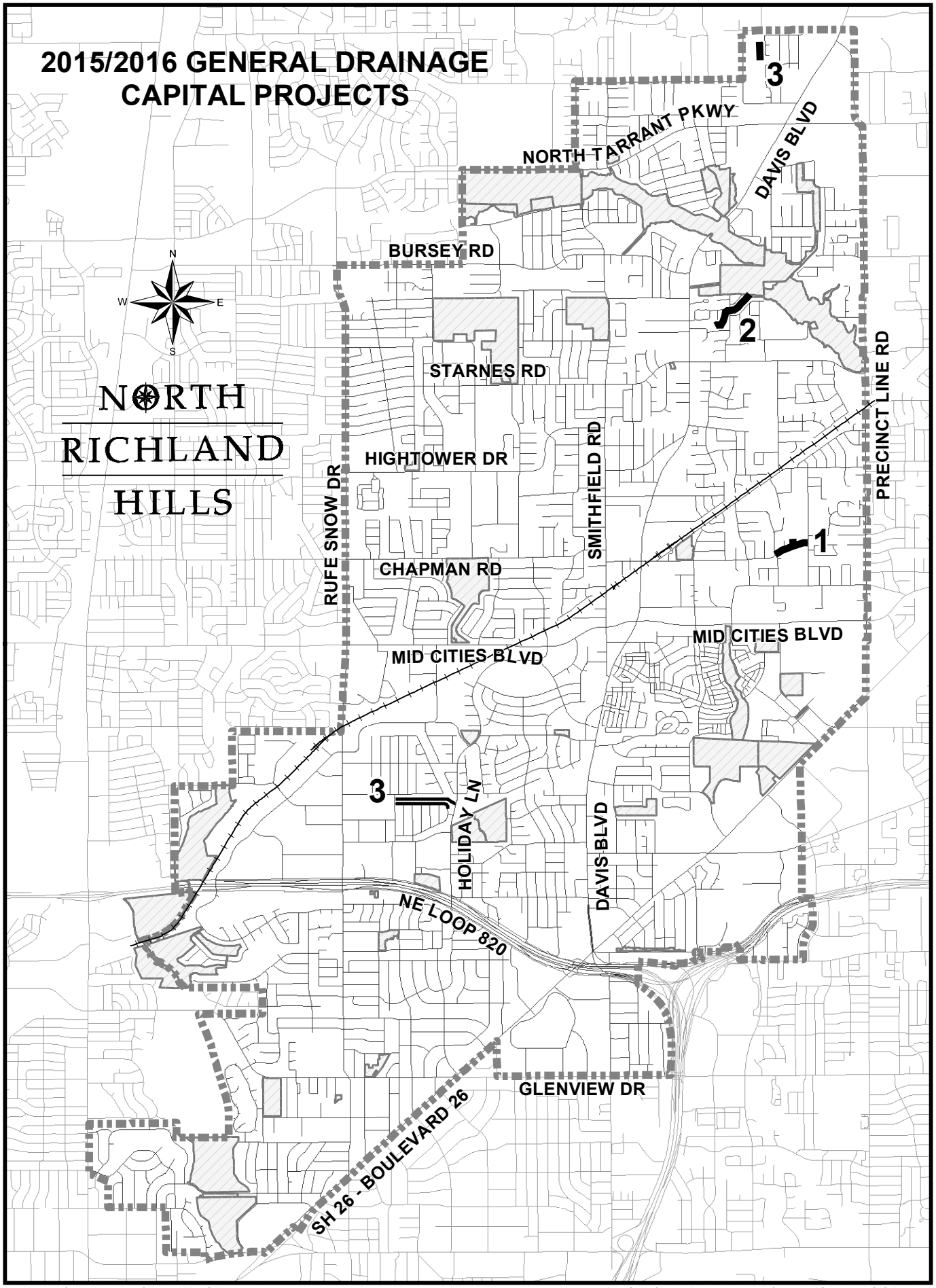
Project Description	2013/2014 Adopted	2014/2015 Adopted	2015/2016 Proposed	2016/2017 Estimated	2017/2018 Estimated	2018/2019 Estimated	2019/2020 Estimated	2020/2021 Estimated	2021/2022 Estimated	2022/2023 Estimated	Project Totals
Annual Projects											
Channel Cleaning and Street Drainage Improvements	$300,000	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$0	$2,400,000
Total Annual Projects	$300,000	$0	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$300,000	$0	$2,400,000
New & Continuing Projects											
Big Fossil Creek Flood Study - BFC 7	$0	$0	$0	$0	$0	$0	$0	$0	$70,000	$0	$70,000
Calloway Branch Slope Protection (A)	0	0	0	0	0	0	2,163,000	2,163,000	2,163,000	0	$6,489,000
Calloway Branch Slope Protection (B)	0	0	0	0	0	0	1,345,000	1,345,000	1,345,000	0	$4,035,000
Concrete Lined Channel Rehabilitation Project	200,000	0	0	0	0	0	0	0	0	0	$200,000
Crane Road/Main Street Drainage Improvements	0	0	360,000	0	0	0	0	0	0	0	$360,000
Crystal Channel Drainage Improvements	0	0	0	0	0	0	0	0	90,500	0	$90,500
Driffield Circle East Concrete Drainage Flume Improvements	0	0	0	475,717	0	0	0	0	0	0	$475,717
Emerald Hills Channel Drainage Improvements	0	0	0	0	0	0	0	0	567,812	0	$567,812
Fox Hollow Concrete Channel Drainage Improvements (A)	0	0	0	0	0	0	0	0	0	0	$0
Fox Hollow Concrete Channel Drainage Improvements (B)	0	0	0	0	0	0	0	0	0	0	$0
Glenview Drive/Dawn Drive Drainage Improvements	0	0	0	0	0	0	0	0	681,250	0	$681,250
Iron Horse Erosion Control (2013)	0	0	0	0	0	0	0	0	0	0	$0
Jackie Lee Drainage Improvements	0	0	0	780,000	0	0	0	0	0	0	$780,000
Little Bear Creek (LB-1) Improvements	0	0	0	0	0	0	0	0	240,000	0	$240,000
Little Bear Creek Silt and Debris Removal	0	0	0	0	0	0	0	0	1,165,034	0	$1,165,034
Mackey Drive	0	0	0	0	0	0	0	3,588,020	0	0	$3,588,020
Drainage Improvements	0	0	95,000	0	0	0	0	0	95,000	0	$190,000
Meadowview Estates Channel Drainage Improvements	1,863,222	0	0	0	0	0	0	0	0	0	$1,863,222
Main Street Drainage Improvements	0	800,000	0	0	0	0	0	0	0	0	$800,000
Odell Channel Drainage Improvements	0	0	0	50,000	0	0	0	0	0	0	$50,000
Richland Oaks Addition Channel Drainage Improvements	0	0	0	0	0	0	0	0	415,750	0	$415,750
Smithfield Acres Drainage Improvements	0	0	0	0	0	0	0	3,012,180	0	0	$3,012,180
Stonybrooke Channel Drainage Improvements	0	0	1,260,000	0	0	0	0	0	0	0	$1,260,000
Turner/Odell Channel Realignment	0	0	0	0	831,000	0	0	0	0	0	$831,000
Walker Creek Channel Drainage Improvements	0	0	0	0	0	1,252,750	0	0	0	0	$1,252,750
Windcrest Addition Concrete Channel Drainage Improvements (A)	0	0	0	0	746,687	0	0	0	0	0	$746,687
Windcrest Addition Concrete Channel Drainage Improvements (B)	0	0	0	0	0	750,000	0	0	0	0	$750,000
Total Drainage Street Improvements	$2,063,222	$800,000	$1,715,000	$1,305,717	$1,577,687	$2,002,750	$3,508,000	$10,108,200	$6,833,346	$0	$29,913,922
Total Drainage Improvements Projects	$2,363,222	$800,000	$2,015,000	$1,605,717	$1,877,687	$2,302,750	$3,808,000	$10,408,200	$7,133,346	$0	$32,313,922
Total Project Costs	$2,363,222	$800,000	$2,015,000	$1,605,717	$1,877,687	$2,302,750	$3,808,000	$10,408,200	$7,133,346	$0	$32,313,922

NRH

Schedule 2
Drainage Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
97	-	Calloway Branch Channel Repair Project	68,500	0	0	0	$ 68,500
99	-	Channel Cleaning/Street Drainage Improvements	300,000	0	0	0	$ 300,000
101	-	Concrete Lined Channel Rehabilitation Project	131,500	0	0	0	$ 131,500
103	1	Main Street Drainage Improvements	800,000	0	0	0	$ 800,000
105	2	Meadowview Estates Channel Drainage Improvements	1,863,222	0	0	0	$ 1,863,222
Total Continuing Projects			$ 3,163,222	$ 0	$ 0	$ 0	$ 3,163,222
New Projects							
107	3	Drainage Improvements	0	95,000	0	0	$ 95,000
Total New Projects			$ 0	$ 95,000	$ 0	$ 0	$ 95,000
Total Project Costs			$ 3,163,222	$ 95,000	$ 0	$ 0	$ 3,258,222
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			800,000	0	0	0	800,000
Reserves			155,000	0	0	0	155,000
Certificates of Obligation Project Savings			300,000	0	0	0	300,000
Bond Program Project Savings			45,000	95,000	0	0	140,000
Total Reserves			$ 1,300,000	$ 95,000	$ 0	$ 0	$ 1,395,000
Total Sources of Funds			$ 3,163,222	$ 95,000	$ 0	$ 0	$ 3,258,222

NRH



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City of North Richland Hills, Information Services - GIS Division

NRH

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.

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 oculd 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 requried slope with elevated moisture content. While the rains this year were unusally high, it is a high probablity that we will experience the level of rainfall again at some point.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	09/2015	02/2016
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**09/2015**	**02/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$68,500
Total		**$68,500**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	68,500	0	0	0	**$68,500**
Sales Tax					
Other					
Total Funding	**$68,500**	**$0**	**$0**	**$0**	**$68,500**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	68,500	0	0	0	**$68,500**
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$68,500**	**$0**	**$0**	**$0**	**$68,500**

Operating Impact

Minimal Operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	Channel Cleaning/Street Drainage Improvements	DR1201

Project Description

This is typically an annual program that consists of cleaning out sediment that has built up significantly throughout the years in some of the City's earthen channels. This project will also consists of repairing curb & gutter sections that currently pond water on existing streets. It is estimated that approximately 20 streets will receive curb & gutter repairs at the funding level being proposed.

Project Justification

The sediment removal will help re-establish the flow capacity of the earthen channels. This work is necessary to meet the requirements of the City's Flood Damage Protection Ordinance No. 2061. Also, City staff receives numerous calls and complaints every year concerning the ponding of water in front of the homes of residents. This project will provide staff the funding to correct these problems. This project will consist of removing several feet of soil sedimentation in Calloway Creek down stream from Boulevard 26 to Booth Calloway Road. The bottom of this channel has several feet of silt that needs to be removed. Removal of the silt will improve capacity of the channels and will help eliminate flooding of properties along the channels. Estimated cost is $250,000. Staff would like to continue the program for replacing pavement and gutter sections that hold water. This program has been very successful with residents who have standing water problems. We have approximately 60 streets in the City that have standing water problems at this time. Due to the estimated cost of sedimentation removal of Calloway Creek, staff is proposing to add an additional $50,000 to continue correcting the standing water problems.

Funding source is CO project savings.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2011	12/2015
Other		
Total Schedule	**10/2011**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$300,000
Total		**$300,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	300,000	0	0	0	**$300,000**
Other					
Total Costs	**$300,000**	**$0**	**$0**	**$0**	**$300,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2013	01/2016
Other		
Total Schedule	**10/2013**	**01/2016**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$200,000
Revision	2014-15	($68,500)
Total		**$131,500**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

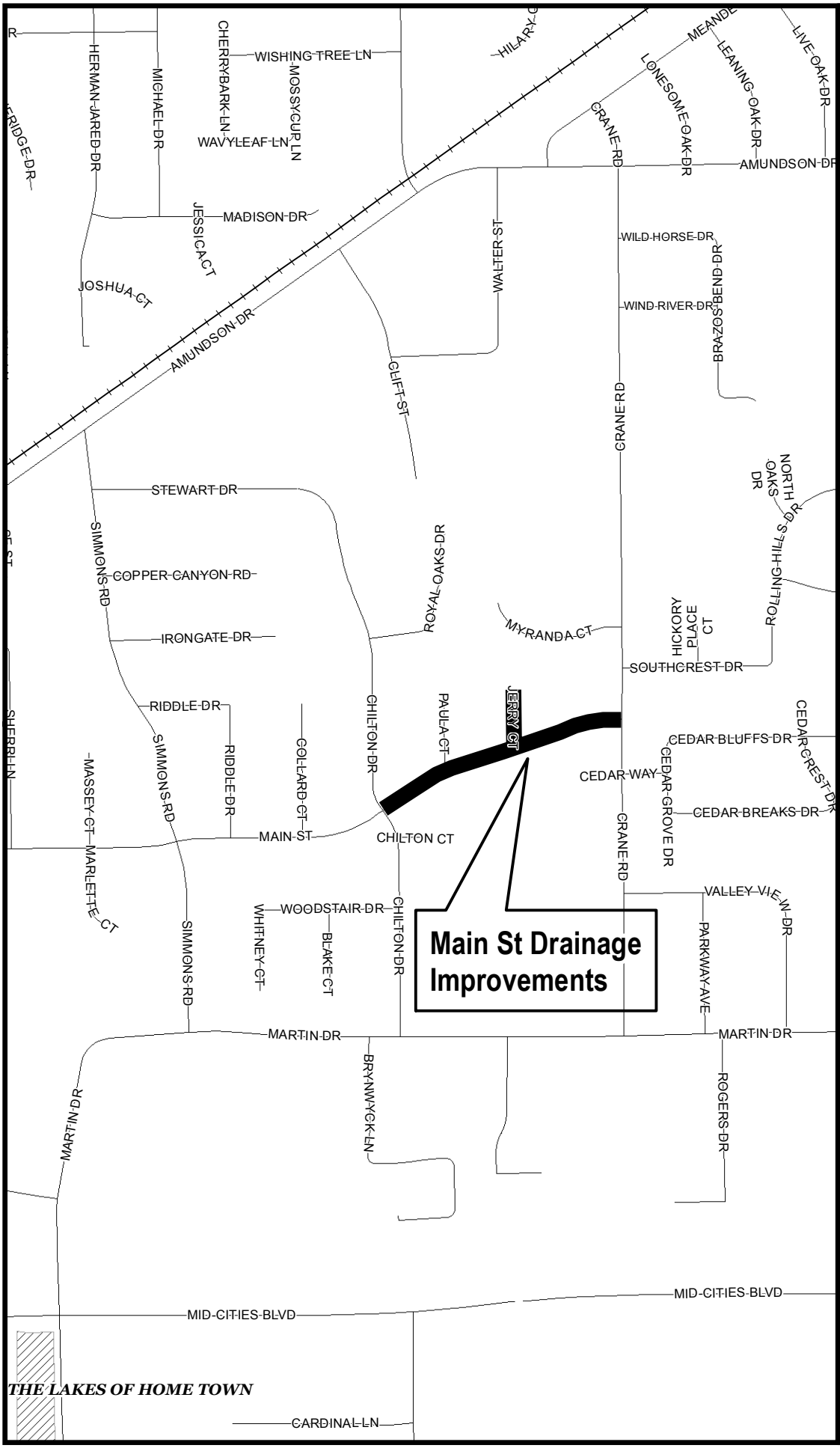
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	131,500	0	0	0	**$131,500**
Other					
Total Costs	**$131,500**	**$0**	**$0**	**$0**	**$131,500**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Main St Drainage Improvements



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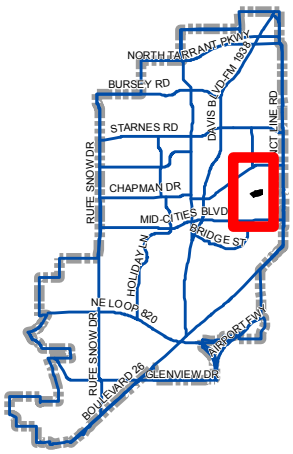
NORTH RICHLAND HILLS

Project Locator Map



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30 MAY 15 Standard Maps\CIP D_Main Street Drainage Imps.mxd

Information Services Department - GIS

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. However 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
Professional Services		
Engineering/Design	05/2015	10/2015
Land/ROW Acquisition		
Construction	12/2015	09/2016
Other		
Total Schedule	**05/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$800,000
Total		**$800,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	800,000	0	0	0	**$800,000**
Sales Tax					
Other					
Total Funding	**$800,000**	**$0**	**$0**	**$0**	**$800,000**

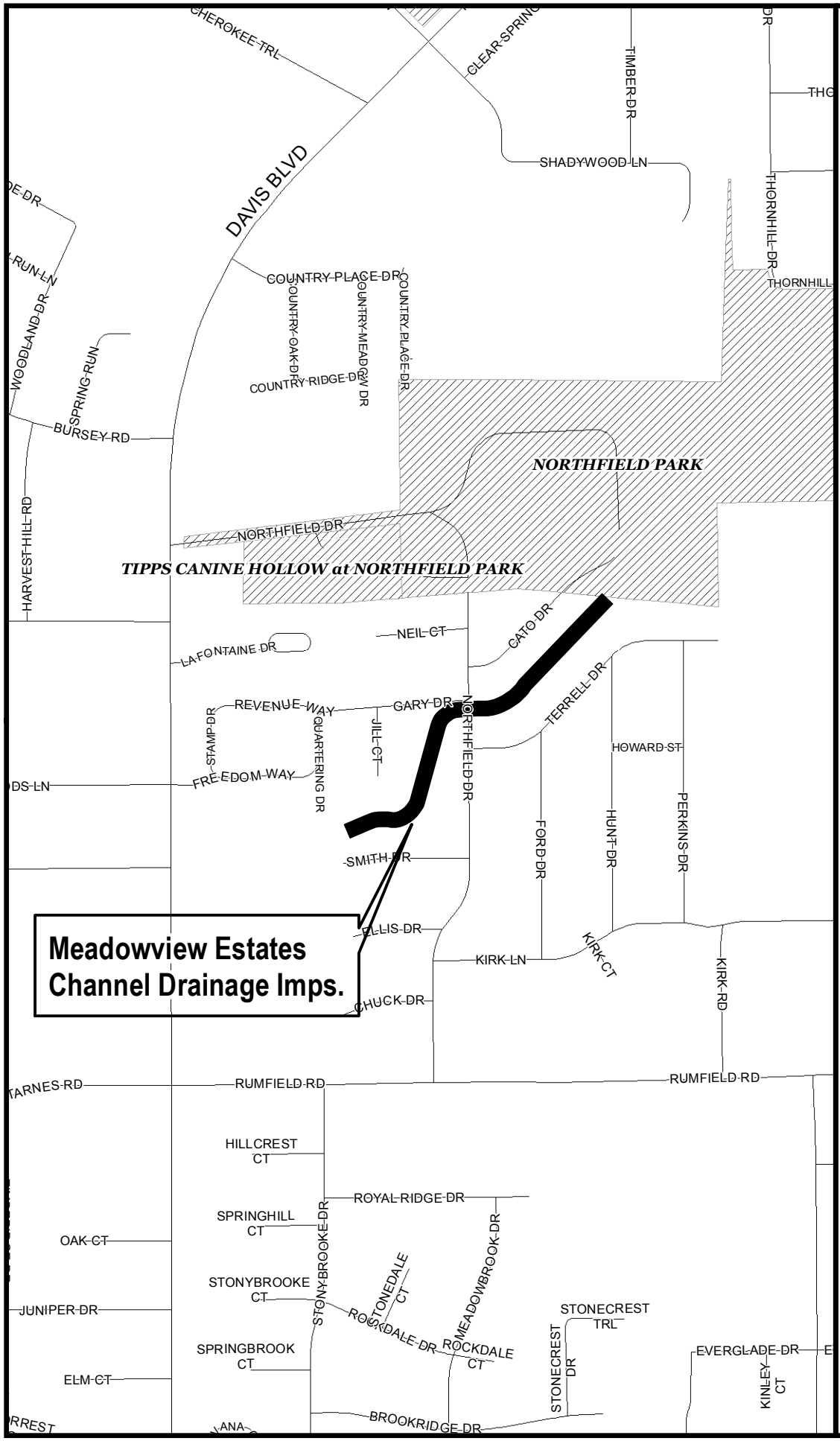
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	89,500	0	0	0	**$89,500**
Land/ROW Acquisition					
Construction	710,500	0	0	0	**$710,500**
Other					
Total Costs	**$800,000**	**$0**	**$0**	**$0**	**$800,000**

Operating Impact

There is no operating impact anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Meadowview Estates Channel Drainage Improvements



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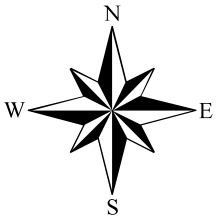
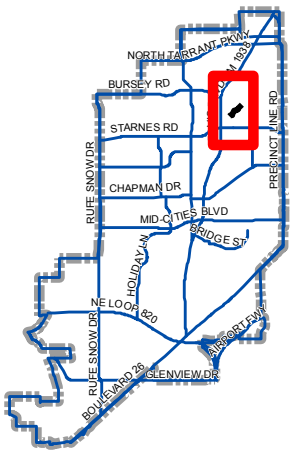


NORTH RICHLAND HILLS

Project Locator Map



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Information Services Department - GIS

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 for this 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 slop 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
Professional Services		
Engineering/Design	09/2010	04/2013
Land/ROW Acquisition		
Construction	04/2014	10/2015
Other		
Total Schedule	**09/2010**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2009-10	$2,500,000
Revision	2014-15	($136,778)
Revision	2014-15	($500,000)
Total		**$1,863,222**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds	1,863,222	0	0	0	**$1,863,222**
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$1,863,222**	**$0**	**$0**	**$0**	**$1,863,222**

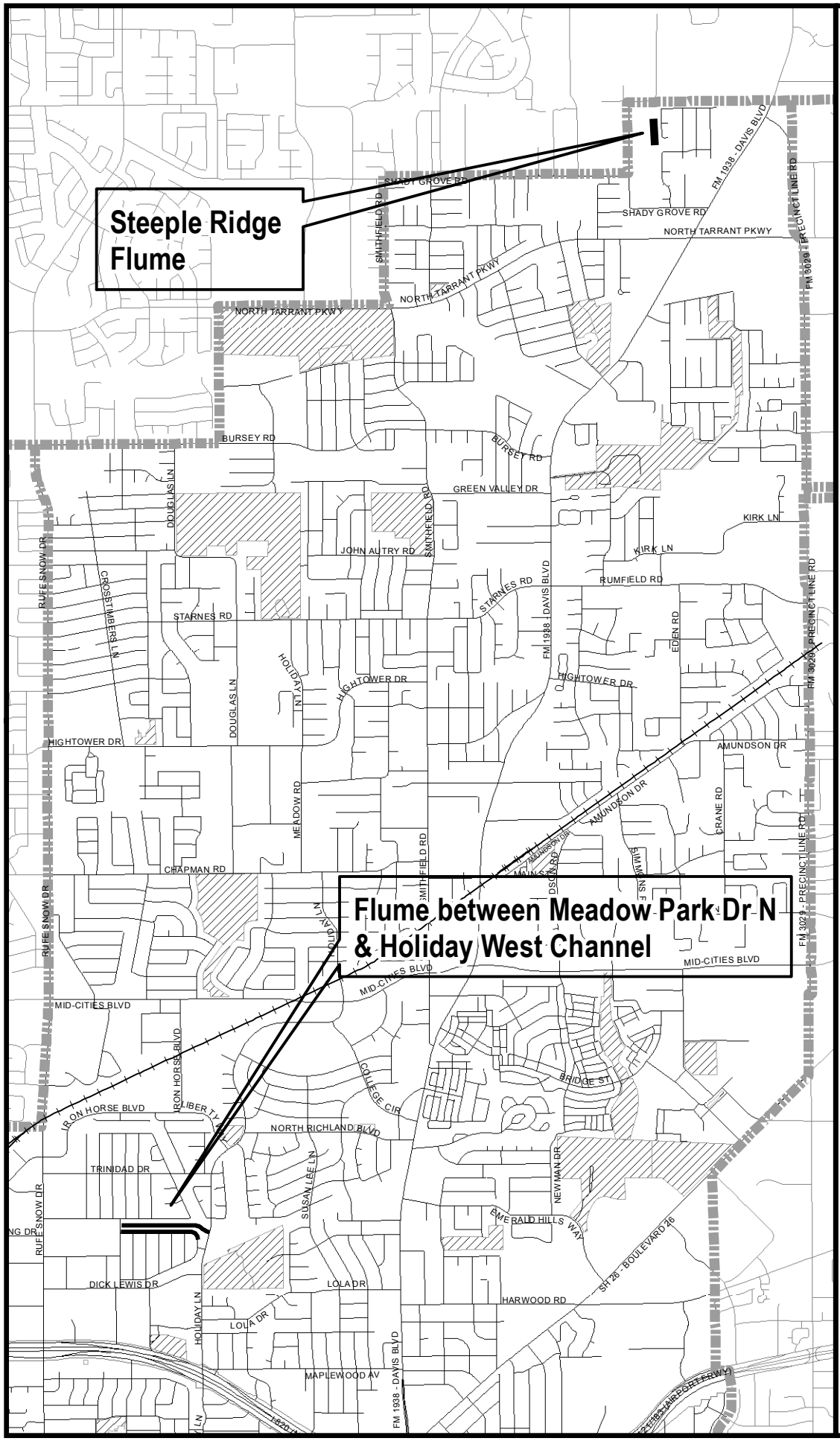
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	415,000	0	0	0	**$415,000**
Land/ROW Acquisition					
Construction	1,448,222	0	0	0	**$1,448,222**
Other					
Total Costs	**$1,863,222**	**$0**	**$0**	**$0**	**$1,863,222**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Drainage Improvements



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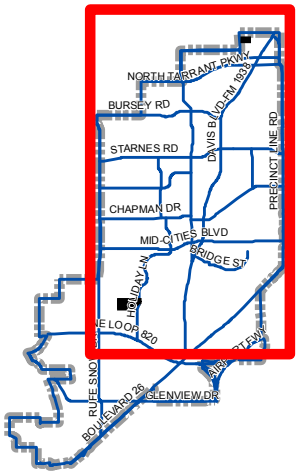
NORTH RICHLAND HILLS

Project Locator Map



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Information Services Department - GIS

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 constructe in the 1970's. A concrete flume can be constructed within an existing drainage easement between two homes, providing an additiona 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 adjuacent 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
Professional Services		
Engineering/Design	10/2015	09/2016
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$95,000
Total		**$95,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	20,000	0	0	**$20,000**
Land/ROW Acquisition					
Construction	0	75,000	0	0	**$75,000**
Other					
Total Costs	**$0**	**$95,000**	**$0**	**$0**	**$95,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

UTILITY IMPROVEMENTS LONG RANGE PLAN
PROPOSED FY 2015/2016

Project Description	2013/2014 Adopted	2014/2015 Adopted	2015/2016 Proposed	2016/2017 Estimated	2017/2018 Estimated	2018/2019 Estimated	2019/2020 Estimated	2020/2021 Estimated	2021/20222 Estimated	2022/2023 Estimated	2022/2023 Estimated	Project Totals
Annual Projects												
Misc. Water/Sewer Main Replacement	$420,000	$420,000	$420,000	$450,000	$450,000	$450,000	$500,000	$500,000	$500,000	$0	$0	$4,110,000
Small Water Main Replacements	420,000	420,000	420,000	450,000	450,000	450,000	500,000	500,000	500,000	0	0	$4,110,000
Telemetric Water Meter Annual Maintenance	350,000	400,000	400,000	350,000	375,000	375,000	375,000	375,000	375,000	0	0	$3,375,000
Total Annual Projects	$1,190,000	$1,240,000	$1,240,000	$1,250,000	$1,275,000	$1,275,000	$1,375,000	$1,375,000	$1,375,000	$0	$0	$11,595,000
New & Continuing Sewer Projects												
6" Sewer Line on Brookshire Drive (Chapman Road - Romford Way)	$0	$0	$75,000	$0	$0	$0	$0	$0	$0	$0	$0	$75,000
6" Sewer Line on Chapman Road (7104 Chapman Road - Brookshire Trail)	0	0	85,000	0	0	0	0	0	0	0	0	$85,000
6" Sewer Line on Cloyce Court (5101 Cloyce Ct - 5000 Cloyce Ct.)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Sewer Line on Edinburg Drive (Brookshire Trl - Wakefield Road)	0	0	0	0	0	78,000	0	0	0	0	0	$78,000
6" Sewer Line on Eldorado Drive (Bedford Euless - Jerri Jo Drive)	0	0	0	0	0	358,627	0	0	0	0	0	$358,627
6" Sewer Line on Eldorado Drive (4900 Eldorado Dr. - 5020 Eldorado Dr.)	0	0	0	0	409,860	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	150,000	0	0	0	0	0	0	0	0	$150,000
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	74,000	0	0	0	0	0	0	0	$74,000
6" Sewer Line on Lola Drive (Susan Lee Lane - Roberts Dr.)	0	0	0	0	0	0	136,620	0	0	0	0	$136,620
6" Sewer Line on Nancy Lane (Jannetta Dr. - Clenis Ln.)	0	0	0	261,855	0	0	0	0	0	0	0	$261,855
6" Sewer Line on Nancy Lane (Short Street - 4921 Nancy Lane)	0	0	0	0	0	0	96,772	0	0	0	0	$96,772
6" Sewer Line on Nancy Lane (Janetta Drive - 4921 Nancy Lane)	0	0	0	0	0	0	261,855	0	0	0	0	$261,855
6" Sewer Line on Nevada Trail (Bedford Euless - Jerri Jo Drive)	0	0	0	0	377,982	0	0	377,982	0	0	0	$755,964
6" Sewer Line on Palomar Drive (Susan Lee Lane - Roberta Drive)	0	0	0	0	0	0	136,620	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	0	0	0	155,000	0	0	0	0	$155,000
6" Sewer Line on Susan Lee Lane (Lola Drive - Nor'east Dr.)	0	0	207,207	0	0	0	0	0	0	0	0	$207,207
6" Sewer Line on Topper Drive (Lola Drive - Nor'east Dr.)	0	0	0	0	0	0	250,470	0	0	0	0	$250,470
6" Sewer Line on Wyoming Trail (Bedford Euless Rd - 5025 Wyoming Trl)	0	0	0	347,242	0	0	0	0	0	0	0	$347,242
8" Sewer Line on Southampton Road (Chapman Road - 7001 Southampton Road)	0	0	0	0	0	113,000	0	0	0	0	0	$113,000
8" Sewer Line on Susan Lee Lane (Lola Dr. - Janetta Dr.)	0	0	0	0	0	0	232,254	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	1,779,120	0	0	0	$1,779,120
12" Sewer Line on Emerald Hills Drive in Norwich Park (Emerald Hills Way - Irish Spring Dr.)	0	0	449,707	0	0	0	0	0	0	0	0	$449,707
18" Interceptor Replacement along Holiday Lane	0	0	0	0	0	0	0	833,690	0	0	0	$833,690
24" Interceptor Replacement in the Big Fossil Creek Basin	0	0	0	0	0	0	0	617,710	0	0	0	$617,710
24" and 27" WW Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)	1,730,000	0	0	0	0	0	0	0	0	0	0	$1,730,000
27" Interceptor Replacement along Walker Branch Creek	0	0	0	0	0	0	1,308,460	0	0	0	0	$1,308,460
30" Interceptor Replacement along Holiday Lane	0	0	0	0	0	0	0	799,010	0	0	0	$799,010
Harmonson Road Sanitary Sewer Improvements (CDBG)	0	247,000	0	0	0	0	0	0	0	0	0	$247,000
I.H. 820 Utility Adjustments (Interchanges to Meadowlakes)	1,000,000	0	0	0	0	0	0	0	0	0	0	$1,000,000
Line 1 - 21" WW Relief Line along Loop 820	0	0	0	107,675	0	0	0	0	0	0	0	$107,675
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	670,784	0	0	0	0	0	0	0	0	$670,784
Line 12 - 15: WW Line East along Whitfield Ct.	0	0	0	1,548,624	0	0	0	0	0	0	0	$1,548,624
Line 14 - 30" WW Line along Oak Ridge Terrance	0	0	0	565,958	0	0	0	0	0	0	0	$565,958
Line 15 - 12" WW Line East of Cummings	0	0	0	406,896	0	0	0	0	0	0	0	$406,896
Line 16 - 12"/15" WW Line along Thornbird Road	0	0	464,218	0	0	0	0	0	0	0	0	$464,218
Line 17 - 15" WW Line along Jennings Drive	0	0	500,976	0	0	0	0	0	0	0	0	$500,976
Line 18 - 12" WW Line along Diamond Loch West	0	0	300,392	0	0	0	0	0	0	0	0	$300,392
Line 3 - 30" WW Relief Line along Iron Horse Boulevard	0	0	0	748,944	0	0	0	0	0	0	0	$748,944
Line 4 - 18" WW Line along Little Ranch Road	0	0	0	1,813,224	0	0	0	0	0	0	0	$1,813,224
Line 5 - 27" WW Line going north from Boulevard 26	0	0	0	0	1,431,360	0	0	0	0	0	0	$1,431,360
Line 7 - 27" WW Line going south from Boulevard 26	0	0	0	0	302,400	0	0	0	0	0	0	$302,400
Line 8 - Parallel 18" WW Line along Simmons Rd.	0	0	0	0	1,181,783	0	0	0	0	0	0	$1,181,783
Line 9 - 12" WW Line along Rumfield and Redwood	0	0	0	0	0	1,450,848	0	0	0	0	0	$1,450,848
Manhole Rehabilitation Project	0	0	0	0	0	0	0	0	0	0	0	$0

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New & Continuing Sewer Projects												
Parallel Wastewater Outfall - Big Fossil Creek Outfall (From metering station NRH to Hwy 10	$1,200,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,200,000
Miscellaneous Unexpected Sewer Line Breaks	0	0	750,000	0	0	1,000,000	0	0	0	0	0	$1,750,000
Sanitary Sewer Assessment Cleanout and Lateral Line Repairs	0	0	0	0	0	0	0	0	0	0	0	$0
Sanitary Sewer System Assessment (North of Northeast Loop 820 to Starnes Rd)	0	0	0	0	0	0	0	0	0	0	0	$0
Sanitary Sewer System Inflow and Infiltration Elimination	65,000	0	0	0	0	0	0	0	0	0	0	$65,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase I - South of NE Loop 820)	1,500,000	0	0	0	0	0	0	0	0	0	0	$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase II - South of NE Loop 820)	1,500,000	0	0	0	0	0	0	0	0	0	0	$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase III)	0	0	0	1,500,000	0	0	0	0	0	0	0	$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase IV)	0	0	0	0	0	1,500,000	0	0	0	0	0	$1,500,000
Sanitary Sewer System Pipe Bursting and Replacements (Crabtree and Onxy N)	0	0	125,000	0	0	0	0	0	0	0	0	$125,000
Sewer Line Rehabilitation and Capacity Improvements	0	0	0	0	1,000,000	1,000,000	1,000,000	0	0	0	0	$3,000,000
Total New & Continuing Sewer Improvements	$6,995,000	$247,000	$3,778,284	$7,374,418	$4,703,385	$5,500,475	$3,578,051	$4,407,512	$0	$0	$0	$36,584,125
New & Continuing Water Projects												
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	0	0	85,000	0	0	0	0	0	0	$85,000
6" Water Line on Bogata Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	76,000	0	0	0	0	0	0	$76,000
6" Water Line on Brookshire Trail (Chapman Road - Romford Way)	0	0	0	0	0	72,000	0	0	0	0	0	$72,000
6" Water Line on Carol Court (Reynolds Road - Corona Drive)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Cato Drive (Northfield Drive - 8624 Cato Drive)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Chelmsford Place (Sandhurst Lane E - Little Ranch Road)	0	0	0	0	0	63,000	0	0	0	0	0	$63,000
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	0	0	54,000	0	0	0	0	0	0	0	$54,000
6" Water Line on Commercial Drive (Maplewood Avenue - 5141 Davis Boulevard)	0	0	0	0	112,000	0	0	0	0	0	0	$112,000
6" Water Line on Copper Canyon ((Simmons Road - Cul-de-Sac)	0	0	0	0	0	58,000	0	0	0	0	0	$58,000
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	0	0	0	91,000	0	0	0	0	$91,000
6" Water Line on Davis Boulevard (Woods Lane - Bursey Road)	0	0	0	0	0	0	135,000	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	0	0	0	537,625	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 L:ine 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	115,000	0	0	0	0	0	0	0	0	$115,000
6" Water Line on Forrest Lane (Starnes Road - Timberhill Dead End)	0	0	0	0	0	65,000	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	0	65,000	0	0	0	0	0	0	0	$65,000
6" Water Line on Green Meadow Drive (Holiday Lane - Lola Drive)	0	0	0	0	0	0	76,000	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	0	0	0	93,000	0	0	0	$93,000
6" Water Line on Guadalajara Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	76,000	0	0	0	$76,000
6" Water Line on Harwood Road (Davis Boulevard - North Ridge Boulevard	0	0	0	0	0	80,000	0	0	0	0	0	$80,000
6" Water Line on Havana Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	0	0	0	93,000	0	0	0	$93,000
6" Water Line on Havana Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	76,000	0	0	0	$76,000
6" Water Line on Irongate Drive (Simmons Road - Cul-de-sac)	0	0	0	66,500	0	0	0	0	0	0	0	$66,500
6" Water Line on Jennings Drive (Jerrie Joe Drive - Boulevard 26)	0	0	0	0	0	0	114,000	0	0	0	0	$114,000
6" Water Line on Jerrie Joe Drive (Strummer Drive - Dead End)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Jerrie 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	195,000	0	0	0	0	0	0	0	$195,000
6" Water Line on Lancashire Drive (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	0	0	0	85,000	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	0	0	0	91,000	0	0	0	$91,000
6" Water Line on Main Street (Amundson Drive - Sherri Lane)	0	0	88,000	0	0	0	0	0	0	0	0	$88,000
6" Water Lime on Marilyn Lane (Holiday Lane - Loop 820)	0	0	0	0	0	0	81,000	0	0	0	0	$81,000
6" Water Line on Mary Drive (Davis Boulevard - Stone Drive)	0	0	0	0	0	0	92,000	0	0	0	0	$92,000

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New & Continuing Water Projects												
6" Water Line on Oak Ridge Drive (Starnes Road - John Autry Road)	$0	$0	$0	$118,000	$0	$0	$0	$0	$0	$0	$0	$118,000
6" Water Line on Oldham Place (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	0	0	0	110,500	0	0	0	$110,500
6" Water Line on Onyx Drive North	0	0	0	0	303,600	0	0	0	0	0	0	$303,600
6" Water Line on Parkway Avenue (Red Oak Street - Oak Ridge Drive)	0	0	77,000	0	0	0	0	0	0	0	0	$77,000
6" Water Line on Puerto Vallarta Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	0	0	0	93,000	0	0	0	$93,000
6" Water Line on Puerto Vallarta Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	76,000	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	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Sandhurst Lane (Little Ranch Road - Little Ranch Road)	0	0	0	226,000	0	0	0	0	0	0	0	$226,000
6" Water Line on Shchiller Drive (Gentling Place - Abby Road)	0	0	0	0	0	0	0	50,000	0	0	0	$50,000
6" Water Line on Shadydale Drive (Meadowview Ter. - Crosstimbers Lane)	0	0	0	0	0	0	71,000	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	0	0	0	57,000	0	57,000	0	0	0	$114,000
6" Water Line on Stillmeadows Circle (Stillmeadows Circle N - Stillmeadows Circle S)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Stone Drive (Mary Drive - Jean Ann Drive)	0	0	0	0	0	70,000	0	0	0	0	0	$70,000
6" Water Line on St. Patrick Street (Newman Drive - Cork Lane)	0	0	0	0	0	0	0	64,000	0	0	0	$64,000
6" Water Line on Susan Court (Scott Drive - 7533 Susan Court)	0	0	0	0	0	0	59,000	0	0	0	0	$59,000
6" Water Line on Timberhill Drive (Starnes Road - Forrest Lane)	0	0	0	0	116,000	0	0	0	0	0	0	$116,000
6" Water Line on Timberidge Drive (Starnes Road - Timberlane Drive)	0	0	0	0	0	0	0	0	0	0	0	$0
6" Water Line on Tunbridge Drive (Sandhurst Lane E - Sandhurst Lane S)	0	0	0	81,000	0	0	0	0	0	0	0	$81,000
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	0	0	0	96,000	0	0	0	$96,000
6" Water Line on Windhaven Road (Hightower Drive - Starnes Road)	0	0	0	0	252,000	0	0	0	0	0	0	$252,000
8" Water Line on Cloyce Court (Maplewood - Loop 820)	0	0	0	0	0	120,000	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	95,634	0	0	0	0	0	0	$95,634
12" Water Line on Boulevard 26/Cardinal Lane (Venue Development)	520,000	0	0	0	0	0	0	0	0	0	0	$520,000
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	370,012	0	0	0	0	0	0	0	0	$370,012
12" Water Line on Susan Lee Lane (Lola Drive - N. Richland Blvd.)	0	800,000	0	0	0	0	0	0	0	0	0	$800,000
12" Water Main & Valve (Across Loop 820 East of Iron Horse Blvd.)	315,000	0	0	0	0	0	0	0	0	0	0	$315,000
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	0	0	0	620,136	0	0	0	0	0	0	$620,136
16" Water Line on Amundson Road (Donna Drive - Simmons Road)	0	0	0	0	0	0	260,000	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	0	769,120	0	0	0	0	0	0	0	$769,120
16" Water Line on Davis Boulevard (8200-8850 Davis Boulevard)	0	0	0	0	722,568	0	0	0	0	0	0	$722,568
16" Water Line on Davis Boulevard (Smithfield - Cardinal Lane)	0	0	0	0	620,136	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	0	0	568,440	0	0	0	$568,440
24" Water Line on Amundson Road (Meandering Drive - Amundson EST.)	0	0	0	0	0	0	328,900	0	0	0	0	$328,900
24" Water Line from 7405 Hightower Drive to Holiday Lane	0	0	0	0	0	0	0	300,000	0	0	0	$300,000
24" Water Line at 8609 Hightower Drive (Eden Road to Amundson Drive)	0	0	0	0	0	501,250	0	0	0	0	0	$501,250
24" Water Line on Hightower Drive (Smithfield Road - Davis Blvd).)	0	0	0	0	0	0	0	575,000	0	0	0	$575,000
College Hills Ground Storage Tank Rehabilitation	0	0	0	0	0	0	0	0	700,000	0	0	$700,000
Conn Ground Potable Water Storage Tank Rehabilitation and Facility Upgrades	0	0	0	1,365,500	0	0	0	0	0	0	0	$1,365,500
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	0	0	2,545,540	0	0	0	$2,545,540
Harmonson Road Sanitary Sewer Rehabilitation (CDBG)	0	0	0	201,000	0	0	0	0	0	0	0	$201,000
Johnson Ground Water Storage Tank Replacement	0	0	0	0	0	2,809,000	0	0	0	0	0	$2,809,000
Johnson Pump Station Component and Infrastruture Replacements	275,000	0	0	0	0	0	0	0	0	0	0	$275,000
Motor Operated Transfer Valves	730,000	0	0	0	0	0	0	0	0	0	0	$730,000
New & Continuing Water Projects												

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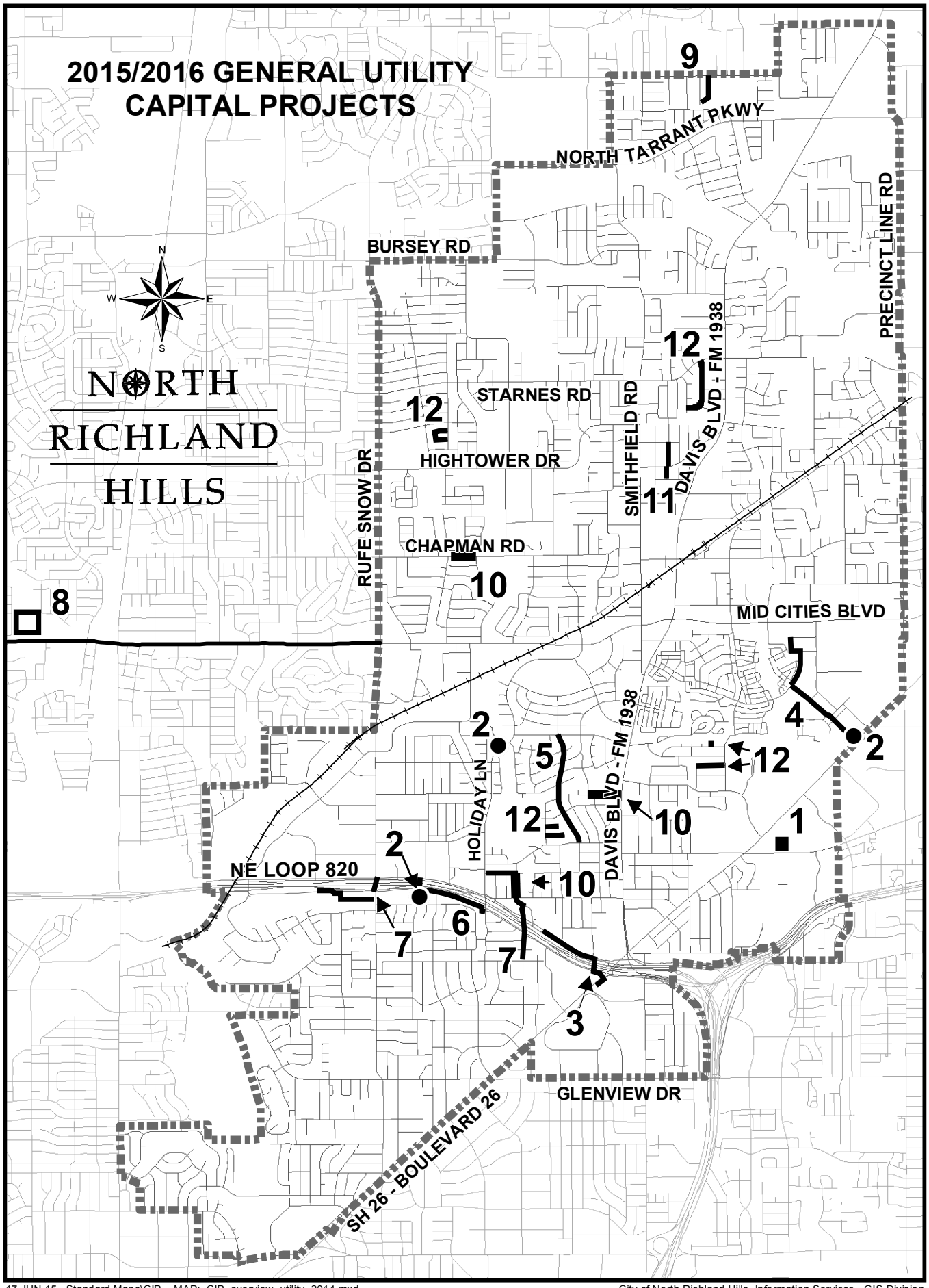
Line 1 - 24" WL along Mid Cities Boulevard	0	0	0	0	0	0	0	0	0		0	$0
Line 2 - 30" WL along Mid Cities Boulevard	$0	$0	$0		$0	$0	$0	$0	$0	$0	$0	$0
Line 9 - 12" WL south from Janetta Drive Along Holiday Lane	0	0	0	0	0	0	0	664,272	0	0	0	$664,272
Line 10 - Add 5 MG GST at Watauga PS	0	0	0	0	0	0	0	0	0	0	0	$0
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	3,360,000	0	0	0	0	0	0	0	0	$3,360,000
Line 15 - 16" WL along North Tarrant Parkway	0	0	318,470	0	0	0	0	0	0	0	0	$318,470
Line 16 - 16" WL along Smithfield Road	0	0	0	255,680	0	0	0	0	0	0	0	$255,680
Line 17 - 16" WL Hightower South along Meadow Road	0	0	0	1,025,993	0	0	0	0	0	0	0	$1,025,993
Line 18 - 12" WL along Eagle Crest Dr.	0	0	0	206,379	0	0	0	0	0	0	0	$206,379
Line 19 - 16" WL from existing 16" WL along Janetta Drive	0	0	0	1,150,330	0	0	0	0	0	0	0	$1,150,330
Line 20 - 12" WL from Corona Dr.	0	0	0	0	474,468	0	0	0	0	0	0	$474,468
Line 21 - WL along Glenview Drive	0	0	0	0	737,251	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	0	2,688,000	0	0	0	0	0	$2,688,000
Line 24 - 16" WL from Davis Boulevard	0	0	0	0	0	0	640,147	0	0	0	0	$640,147
Line 25 - Replace Existing 8" WL along Boulevard 26	0	0	0	0	0	0	490,896	0	0	0	0	$490,896
Line 26 - Replace 12" WL along Precinct Line	0	0	0	0	0	0	1,662,091	0	0	0	0	$1,662,091
Line 27 - New 12" WL from Precinct Line	0	0	0	0	0	0	739,267	0	0	0	0	$739,267
Line 28 - Miscellaneous Water Line Rehabilitation	0	0	0	0	0	0	0	2,016,000	0	0	0	$2,016,000
Miscellaneous Unexpected Water Line Breaks	0	0	300,000	300,000	300,000	300,000	300,000	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	303,330	0	0	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	537,600	0	0	0	$537,600
Proposed 16" Water Line along Clark Street and Harwood Road*	0	0	1,015,260	0	0	0	0	0	0	0	0	$1,015,260
Proposed 16" Water Line along Holiday Lane and Janetta Drive*	0	0	0	879,790	0	0	0	0	0	0	0	$879,790
Proposed 20" Water Line along Mid Cities Boulevard	0	0	0	0	0	0	0	2,136,630	0	0	0	$2,136,630
Proposed 24" Water Line along Watauga Road	0	0	0	0	0	0	0	2,737,330	0	0	0	$2,737,330
Proposed 8" Water Line along Country Place Drive South of Northfield Drive	0	0	0	0	0	0	0	50,790	0	0	0	$50,790
Site Improvements at Shady Grove EST	0	0	85,000	0	0	0	0	0	0	0	0	$85,000
Stanley-Keller Road Pump Station Replacement	0	0	0	743,000	0	0	0	0	0	0	0	$743,000
Starnes Elevated Tank Rehabilitation	0	0	0	0	0	0	0	0	1,000,000	0	0	$1,000,000
Watauga Pump Station Improvements with 5 MG Sorage	0	0	0	0	0	0	0	3,024,000	0	0	0	$3,024,000
Water Main (Loop 820 Crossing)	1,770,000	0	0	0	0	0	0	0	0	0	0	$1,770,000
Water Storage and Facility Security System	600,000	0	0	0	0	0	0	0	0	0	0	$600,000
Water Storage Tank Improvements	0	0	0	0	0	1,000,000	0	0	0	0	0	$1,000,000
Water Storage Tank Site And Storage Facility and Storage Tank Facility Upgrades	0	0	0	0	500,000	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	0	0	0	750,000	0	0	$750,000
Western Center Water Facility Expansion	55,000	0	0	0	0	0	0	0	0	0	0	$55,000
Total New & Continuing Water Improvements	$4,265,000	$800,000	$6,168,742	$8,177,292	$5,014,793	$9,899,250	$5,140,301	$17,057,057	$2,450,000	$0	$0	$58,972,435
Total Utility Improvements Projects	$12,450,000	$2,287,000	$11,187,026	$16,801,710	$10,993,178	$16,674,725	$10,093,352	$22,839,569	$3,825,000	$0	$0	$107,151,560
Utility Related Major Capital Equipment												
Hydro-Excavation Vacuum Trailer	0	80,000	0	0	0	0	0	0	0	0	0	$80,000
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	105,000	0	0	0	0	0	0	0	0	0	0	$105,000
Transponder Transmission Unit Replacement Program (2015)	0	0	0	0	0	0	0	0	0	0	0	$0
Total Utility Related Major Capital Equipment	$105,000	$80,000	$0	$0	$0	$0	$0	$0	$0	$0	$0	$185,000
Total Project Costs	$12,555,000	$2,367,000	$11,187,026	$16,801,710	$10,993,178	$16,674,725	$10,093,352	$22,839,569	$3,825,000	$0	$0	$107,336,560
*Impact Fee Projects			110,000									$110,000

Schedule 3
Utility Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
117	-	Big Fossil Creek Wastewater Outfall	1,200,000	0	0	0	$ 1,200,000
119	1	Johnson Pump Station Component and Infrastructure Replacements	275,000	0	0	0	$ 275,000
121	2	Motor Operated Transfer Valves	730,000	0	0	0	$ 730,000
123	3	Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)	1,730,000	0	0	0	$ 1,730,000
125	-	Sanitary Sewer System Rehabilitation of Main Lines (Phase I)	1,500,000	0	0	0	$ 1,500,000
127	4	Water Line (Boulevard 26/Cardinal Lane)	520,000	0	0	0	$ 520,000
129	5	Water Line Replacement on Susan Lee (Lola Dr. to N. Richland Blvd.)	800,000	0	0	0	$ 800,000
131	6	Water Main & Valve (Across Loop 820 East of Iron Horse Blvd.)	315,000	0	0	0	$ 315,000
133	7	Water Main (Loop 820 Crossings)	1,770,000	0	0	0	$ 1,770,000
135	8	Western Center Water Facility Expansion	55,000	0	0	0	$ 55,000
Total Continuing Projects			$ 8,895,000	$ 0	$ 0	$ 0	$ 8,895,000
New Projects							
137	9	Franklin Court Sewer Addition and Gifford Connection	0	150,000	0	0	$ 150,000
139	-	Impact Fee Update (2016)	0	110,000	0	0	$ 110,000
141	10	Miscellaneous Water/Sewer Main Replacements (2016)	0	420,000	0	0	$ 420,000
143	11	Sanitary Sewer Line Replacements (Crabtree & Onyx N.)	0	125,000	0	0	$ 125,000
145	12	Small Water Main Replacements (2016)	0	420,000	0	0	$ 420,000
146	-	Telemetric Water Meter Annual Maintenance (2016)	0	400,000	0	0	$ 400,000
Total New Projects			$ 0	$ 1,625,000	$ 0	$ 0	$ 1,625,000
Total Project Costs			$ 8,895,000	$ 1,625,000	$ 0	$ 0	$ 10,520,000
Funding Sources							
Certificates of Obligation							
		Certificates of Obligation	6,445,000	0	0	0	6,445,000
Total Certificates of Obligation			$ 6,445,000	$ 0	$ 0	$ 0	$ 6,445,000
Reserves							
		Impact Fees	0	110,000	0	0	110,000
		Unspecified Project Savings	55,000	0	0	0	55,000
		Utility Operations for Capital Projects	655,205	840,000	0	0	1,495,205
		Project Savings	800,000	0	0	0	800,000
		Bond Program Project Savings	0	675,000	0	0	675,000
		Utility Reserve for Future Construction	275,000	0	0	0	275,000
Total Reserves			$ 1,785,205	$ 1,625,000	$ 0	$ 0	$ 3,410,205
Other							
		Impact Fees	664,795	0	0	0	664,795
Total Other			$ 664,795	$ 0	$ 0	$ 0	$ 664,795

Schedule 3
Utility Capital Projects
Budget Summary

Pg. No.	Map ID	Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Total Sources of Funds		$ 8,895,000	$ 1,625,000	$ 0	$ 0	$ 10,520,000


2015/2016 GENERAL UTILITY
CAPITAL PROJECTS
NORTH RICHLAND HILLS
N
S
E
W
NORTH TARRANT PKWY
BURSEY RD
PRECINCT LINE RD
STARNES RD
HIGHTOWER DR
RUFE SNOW DR
SMITHFIELD RD
DAVIS BLVD - FM 1938
CHAPMAN RD
MID CITIES BLVD
HOLIDAY LN
NE LOOP 820
GLENVIEW DR
SH 26 - BOULEVARD 26
1
2
3
4
5
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12

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
Professional Services		
Engineering/Design	07/2010	09/2014
Land/ROW Acquisition	08/2015	12/2015
Construction	02/2016	12/2016
Other		
Total Schedule	**07/2010**	**12/2016**

History	Fiscal Year	Amount
Adopted Budget	2001-02	$1,200,000
Total		**$1,200,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

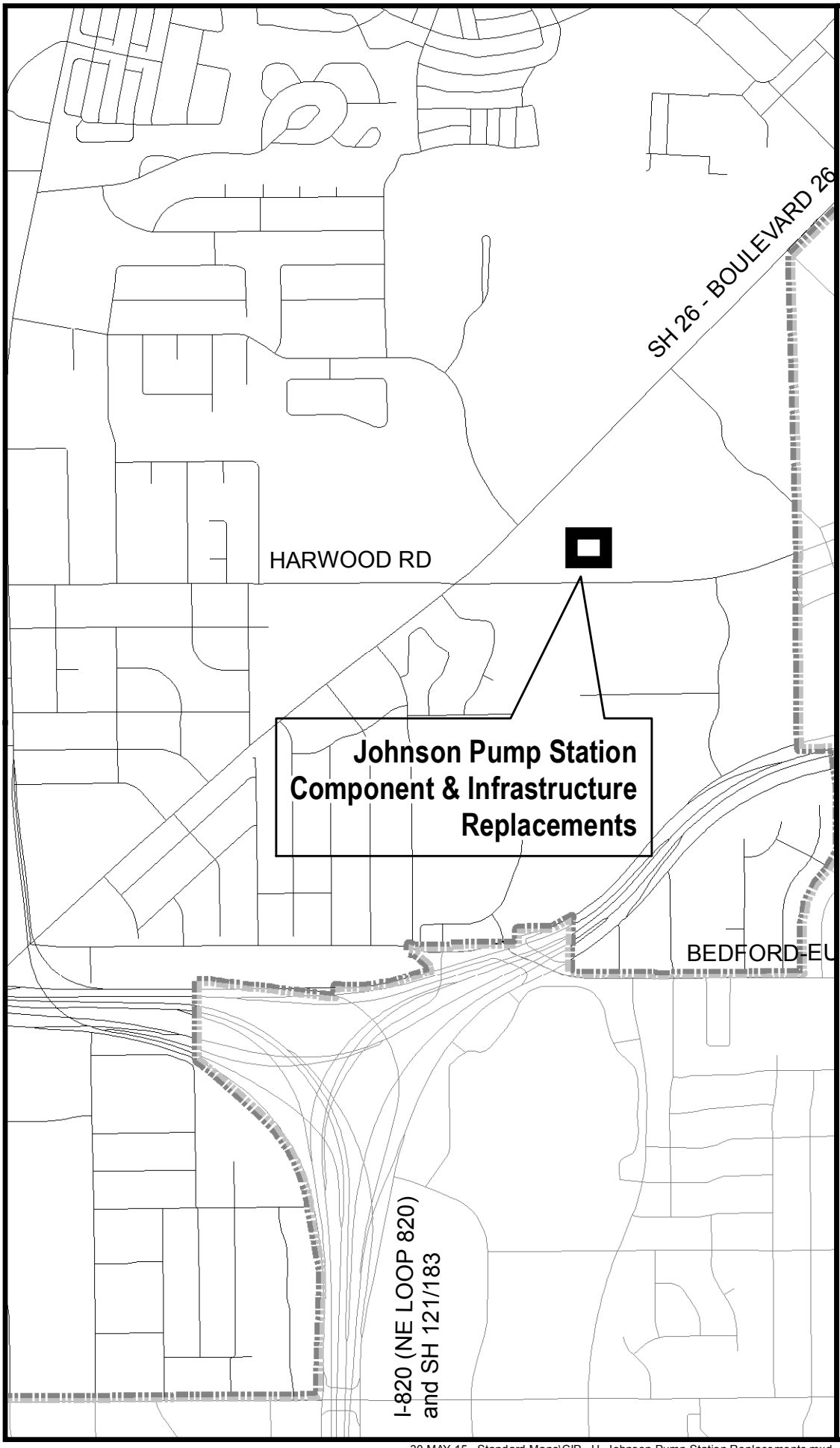
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	150,000	0	0	0	**$150,000**
Land/ROW Acquisition	50,000	0	0	0	**$50,000**
Construction	1,000,000	0	0	0	**$1,000,000**
Other					
Total Costs	**$1,200,000**	**$0**	**$0**	**$0**	**$1,200,000**

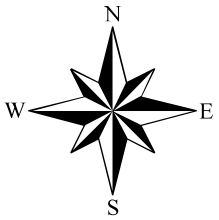
Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

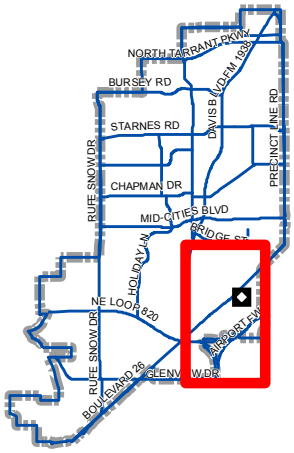
Johnson Pump Station Component and Infrastructure Replacements





NORTH
RICHLAND
HILLS

Project Locator Map



Scale: 1" = 1200'

30 MAY 15 Standard Maps\CIP U_Johnson Pump Station Replacements.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2013	01/2016
Other		
Total Schedule	**10/2013**	**01/2016**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$275,000
Total		**$275,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

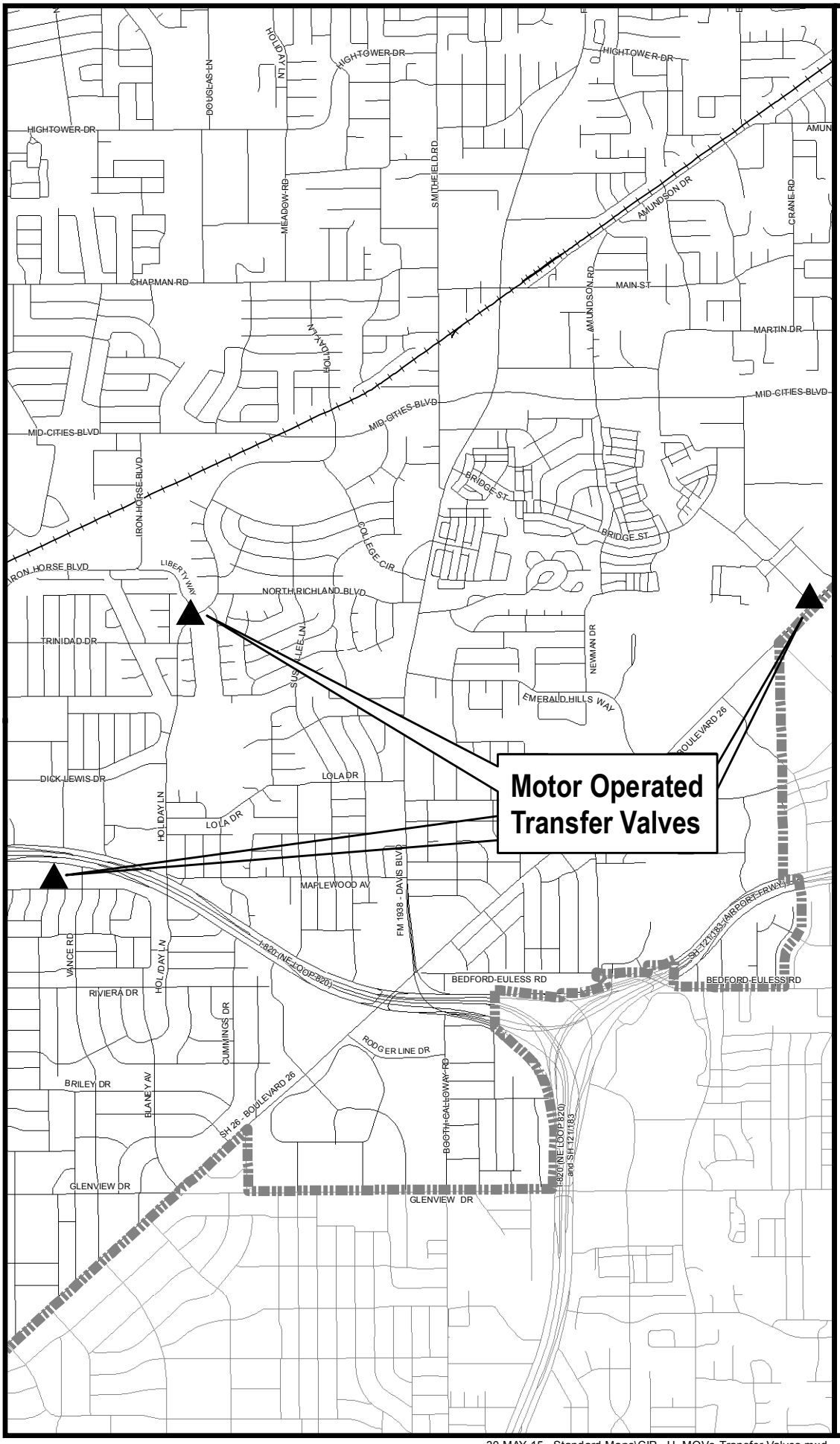
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	275,000	0	0	0	**$275,000**
Other					
Total Costs	**$275,000**	**$0**	**$0**	**$0**	**$275,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Motor Operated Transfer Valves



Scale: 1" = 2500'

30 MAY 15 Standard Maps\CIP U_MOVs-Transfer Valves.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition	11/2014	08/2015
Construction	09/2015	05/2016
Other		
Total Schedule	**11/2014**	**05/2016**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$730,000
Total		**$730,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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**

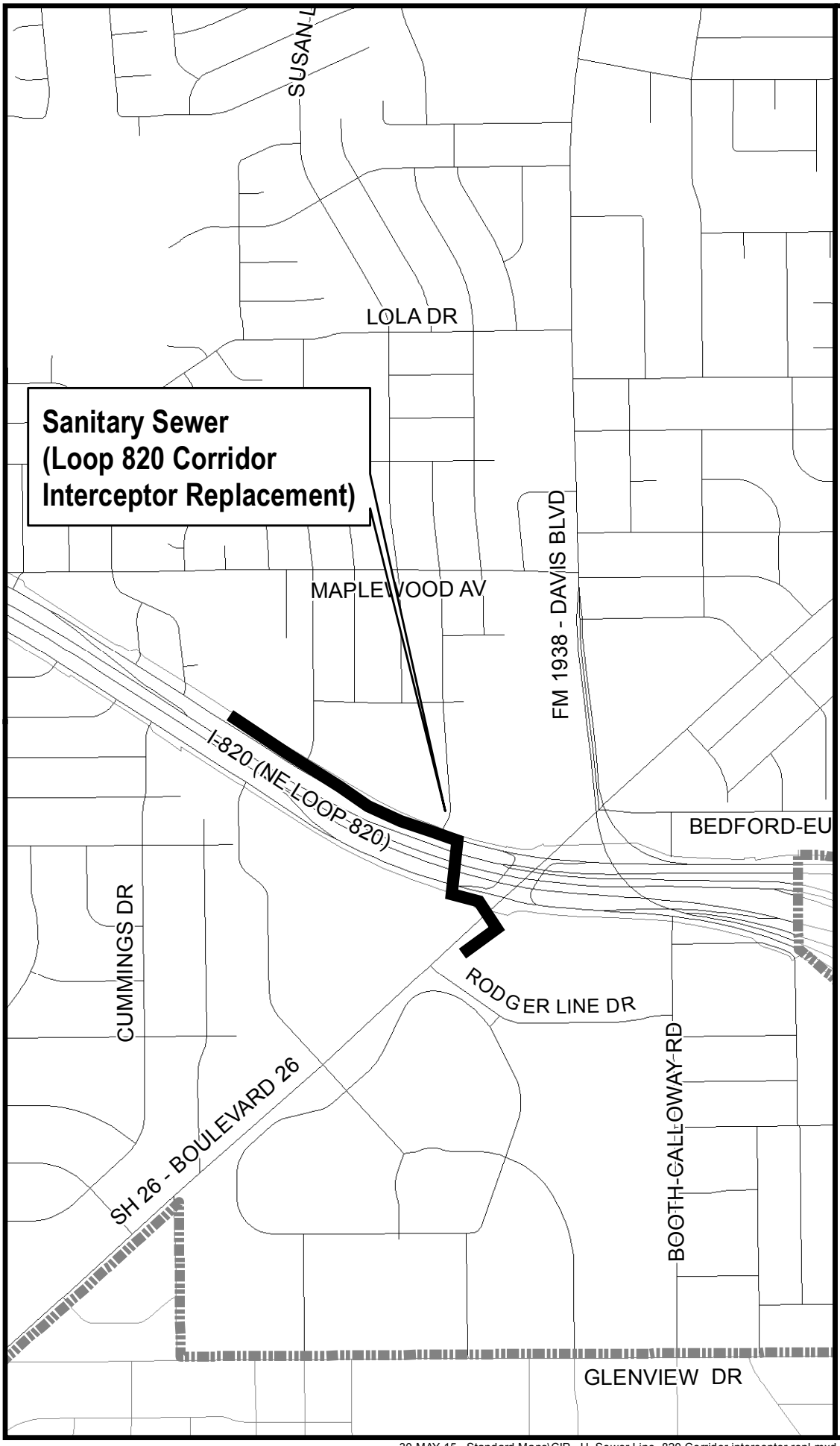
Operating Impact

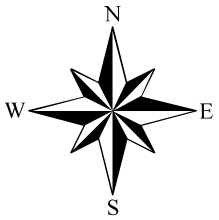
No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Sanitary Sewer

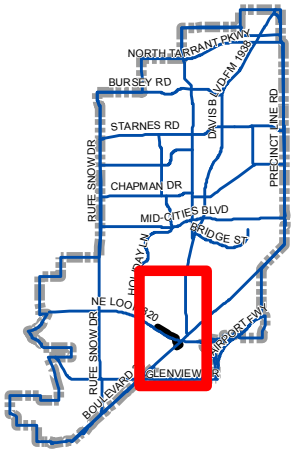
(Loop 820 Corridor Interceptor Replacement)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 1000'

30 MAY 15 Standard Maps\CIP U_Sewer Line_820 Corridor interceptor repl.mxd

Information Services Department - GIS

Utility Capital Projects

Department	Project Title	Project Number
Public Works	Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)	UT1202

Project Description

This project is identified in the Wastewater System Capital Improvement Plan. This project consists of the design and construction of new 24" and 27" diameter sanitary sewer to replace the existing sanitary sewer mains in the Calloway Creek Basin at/around Loop 820. A portion of the project will be constructed with the NTE Project (Widening of Loop 820). Once the NTE project is complete the city will complete the portion of the project upstream of Loop 820.

Project Justification

This project is identified in the Impact Fee Program. Since the City's impact fees are calculated based on the projects identified in the Impact Fee Study, state law requires this project to be completed within the study period. This project is needed to increase the capacity of the sanitary sewer collection system in this area of the City. The Smithfield Transit Oriented Development area will also be served by this system.

Note: The "Other" category under Source of Funds represents Impact Fees. If the City does not have the designated amount of Impact Fees at the time construction is awarded, then Certificates of Obligation or another funding source will be required to fund the project upfront then the City will be reimbursed by future impact fee collections.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2011	04/2013
Land/ROW Acquisition		
Construction	06/2012	10/2016
Other		
Total Schedule	**10/2011**	**10/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$1,730,000
Total		**$1,730,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	1,480,000	0	0	0	**$1,480,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other	250,000	0	0	0	**$250,000**
Total Funding	**$1,730,000**	**$0**	**$0**	**$0**	**$1,730,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	260,000	0	0	0	**$260,000**
Land/ROW Acquisition					
Construction	1,470,000	0	0	0	**$1,470,000**
Other					
Total Costs	**$1,730,000**	**$0**	**$0**	**$0**	**$1,730,000**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 of Main Lines (Phase I)	UT1203

Project Description

This project will consist of replacing approximately 11,000 linear feet of sanitary sewer main lines in the southern portion of the City (South of Northeast Loop 820).

Because of the number of locations identified (40) that needed repairs the project was divided into 2 phases. Since each phase is made up of different sections of sanitary sewer lines and manholes that will need to be designed and constructed each phase will be treated as a separate project.

Project Justification

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 cost for the treatment of wastewater.

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, safer, and cost saving sanitary sewer system in the southern portion of the City. Approximately 6,000 linear feet of sanitary sewer lines will be replaced or repaired with this project. All of the sanitary sewer improvements will occur south of Loop 820.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2012	04/2014
Land/ROW Acquisition		
Construction	07/2014	12/2015
Other		
Total Schedule	**05/2012**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$3,000,000
Revision	2011-12	($1,500,000)
Total		**$1,500,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	1,500,000	0	0	0	**$1,500,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$1,500,000**	**$0**	**$0**	**$0**	**$1,500,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	300,000	0	0	0	**$300,000**
Land/ROW Acquisition					
Construction	1,200,000	0	0	0	**$1,200,000**
Other					
Total Costs	**$1,500,000**	**$0**	**$0**	**$0**	**$1,500,000**

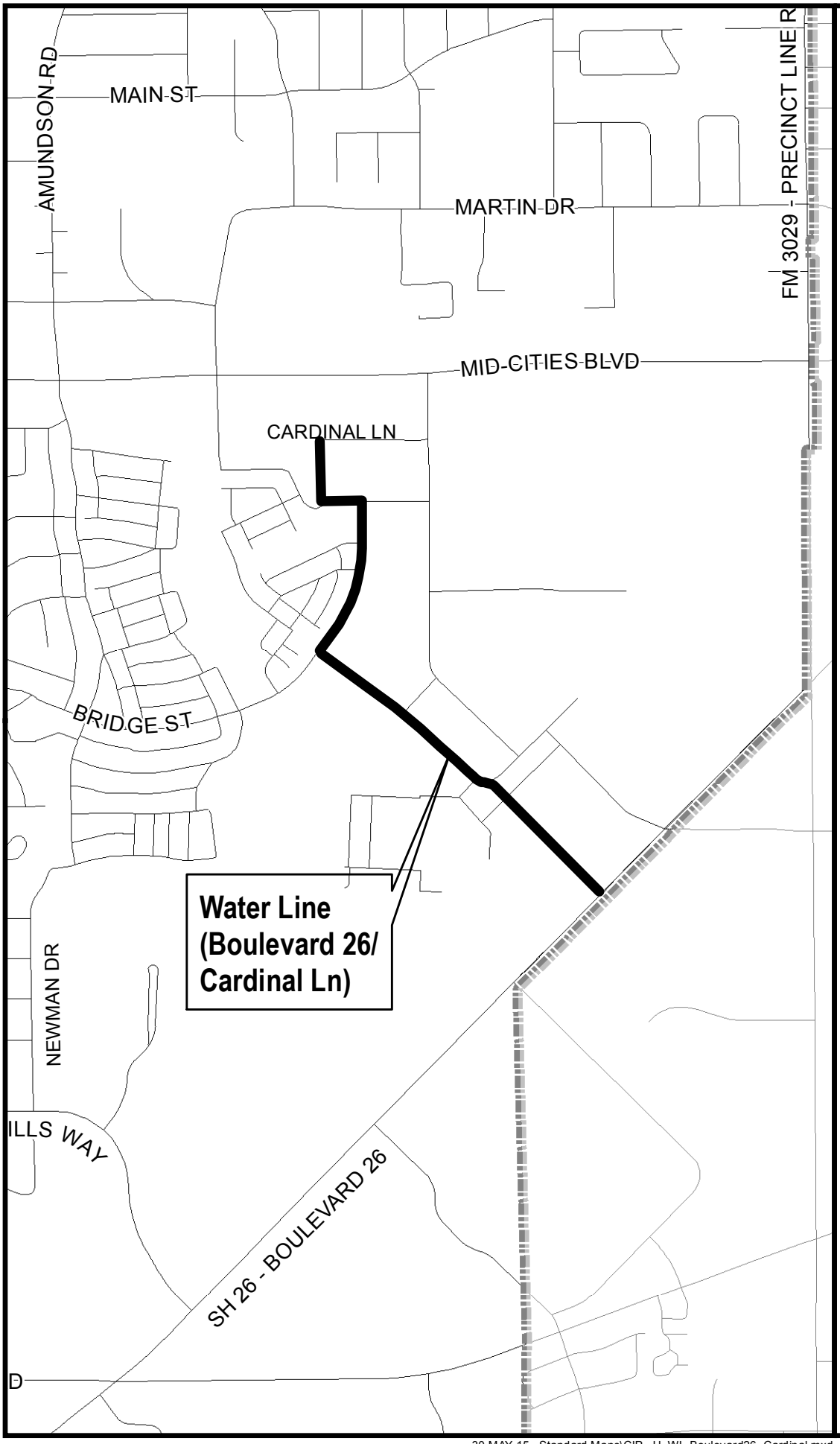
Operating Impact

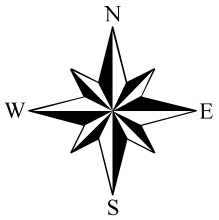
No impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Water Line

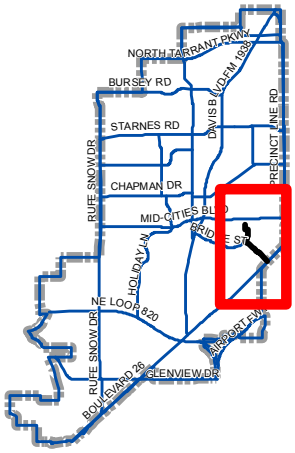
(Boulevard 26/ Cardinal Ln)





NORTH
RICHLAND
HILLS

Project Locator Map



Scale: 1" = 1000'

30 MAY 15 Standard Maps\CIP U_WL-Boulevard26_Cardinal.mxd

Information Services Department - GIS

Utility Capital Projects

Department	Project Title	Project Number
Public Works	Water Line (Boulevard 26/Cardinal Lane)	UT0708

Project Description

The project consists of a new 12" water line constructed south of the Venue development, along the south side of Hawk Dr. and the south side of a section of Parker to Bridge Street and constructed on the west side of Bridge Street to Cardinal. The project will consist of approximately 5,500 linear feet of 12" water line.

*Project on hold as Arcadia (the adjacent property owner) has not completed development plans for this area. The alignment of the water line will be impacted by their development.

Project Justification

This project was identified in the Impact Fee Study. Since the City impact fees are calculated based on the projects identified in the study, state law requires this project to be completed within the study period. The project is needed to provide a large water line connection from Boulevard 26 to Cardinal. This will provide adequate fire flow and water circulation to this part of the water distribution system.

Note: The "other" category under Source of Funds represents Impact Fees. If the City does not have the designated amount of Impact Fees at the time construction is awarded, then Certificates of Obligation or another funding source will be required to fund the project upfront then the City will be reimbursed by future impact fee collections. Also, all impact fee projects may be constructed by a developer depending on the timing of the development. If any portion of this project is constructed by the developer, the impact fee reimbursements will be shown to be from this project.

The Reserves Funding is from Utility CIP project savings. Project schedule revised to coordinate with adjacent private development projects.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2014	09/2014
Land/ROW Acquisition		
Construction	07/2016	01/2017
Other		
Total Schedule	**05/2014**	**01/2017**

History	Fiscal Year	Amount
Adopted Budget	2006-07	$520,000
Total		**$520,000**

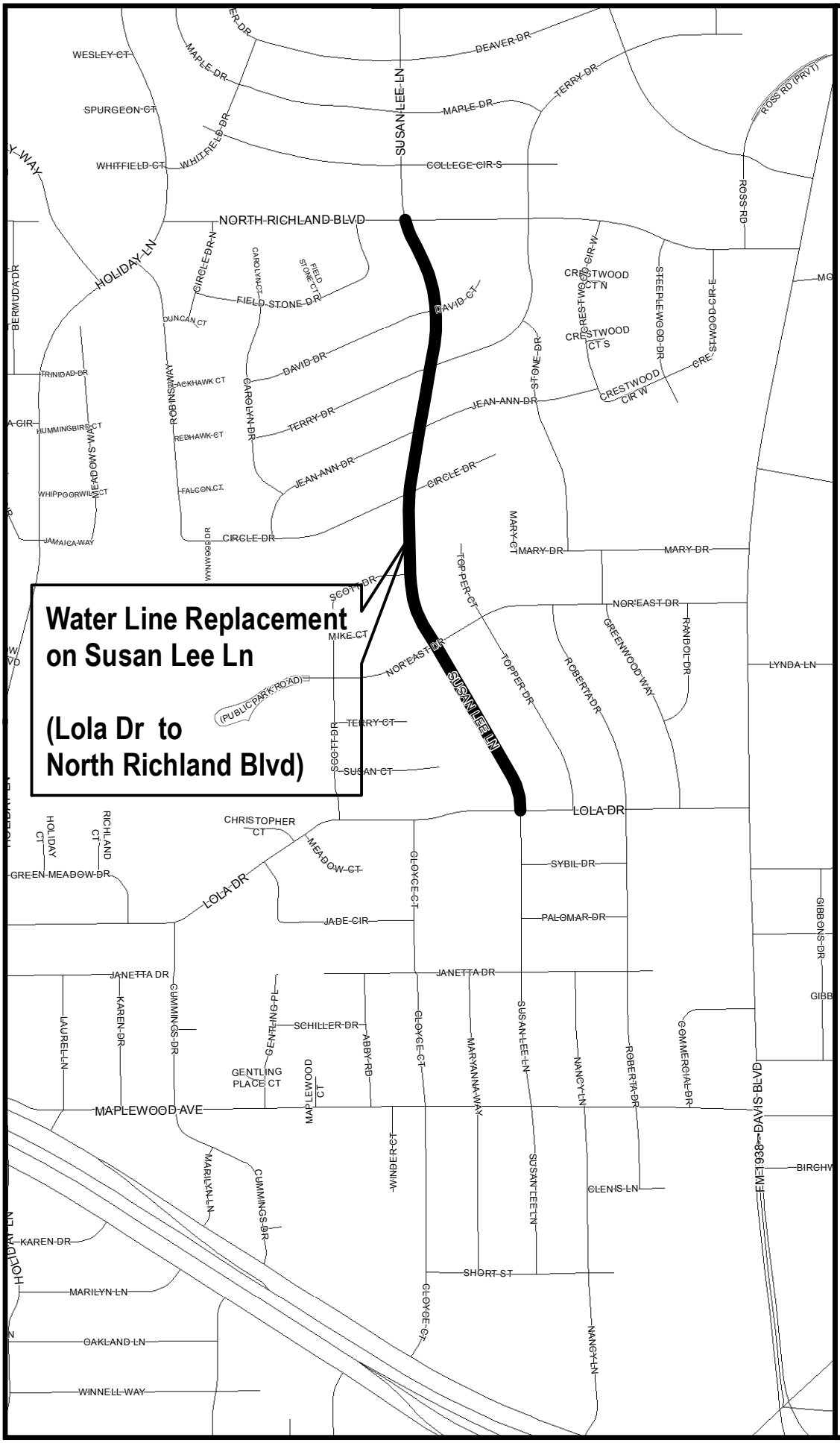
Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	155,205	0	0	0	**$155,205**
Sales Tax					
Other	364,795	0	0	0	**$364,795**
Total Funding	**$520,000**	**$0**	**$0**	**$0**	**$520,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	60,000	0	0	0	**$60,000**
Land/ROW Acquisition					
Construction	460,000	0	0	0	**$460,000**
Other					
Total Costs	**$520,000**	**$0**	**$0**	**$0**	**$520,000**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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)

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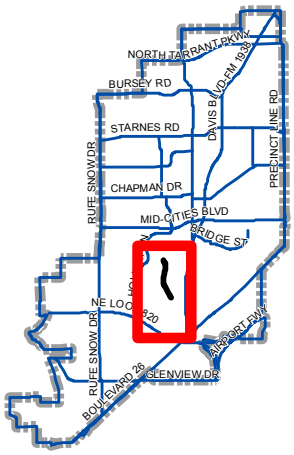
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP U_SusanLee-Lola_to_NoRichlandBlvd.mxd

Information Services Department - GIS

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

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.

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.

Project funding is from project savings.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2015	12/2015
Land/ROW Acquisition		
Construction	02/2016	11/2016
Other		
Total Schedule	**05/2015**	**11/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$800,000
Total		**$800,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	800,000	0	0	0	**$800,000**
Sales Tax					
Other					
Total Funding	**$800,000**	**$0**	**$0**	**$0**	**$800,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	105,000	0	0	0	**$105,000**
Engineering/Design					
Land/ROW Acquisition					
Construction	695,000	0	0	0	**$695,000**
Other					
Total Costs	**$800,000**	**$0**	**$0**	**$0**	**$800,000**

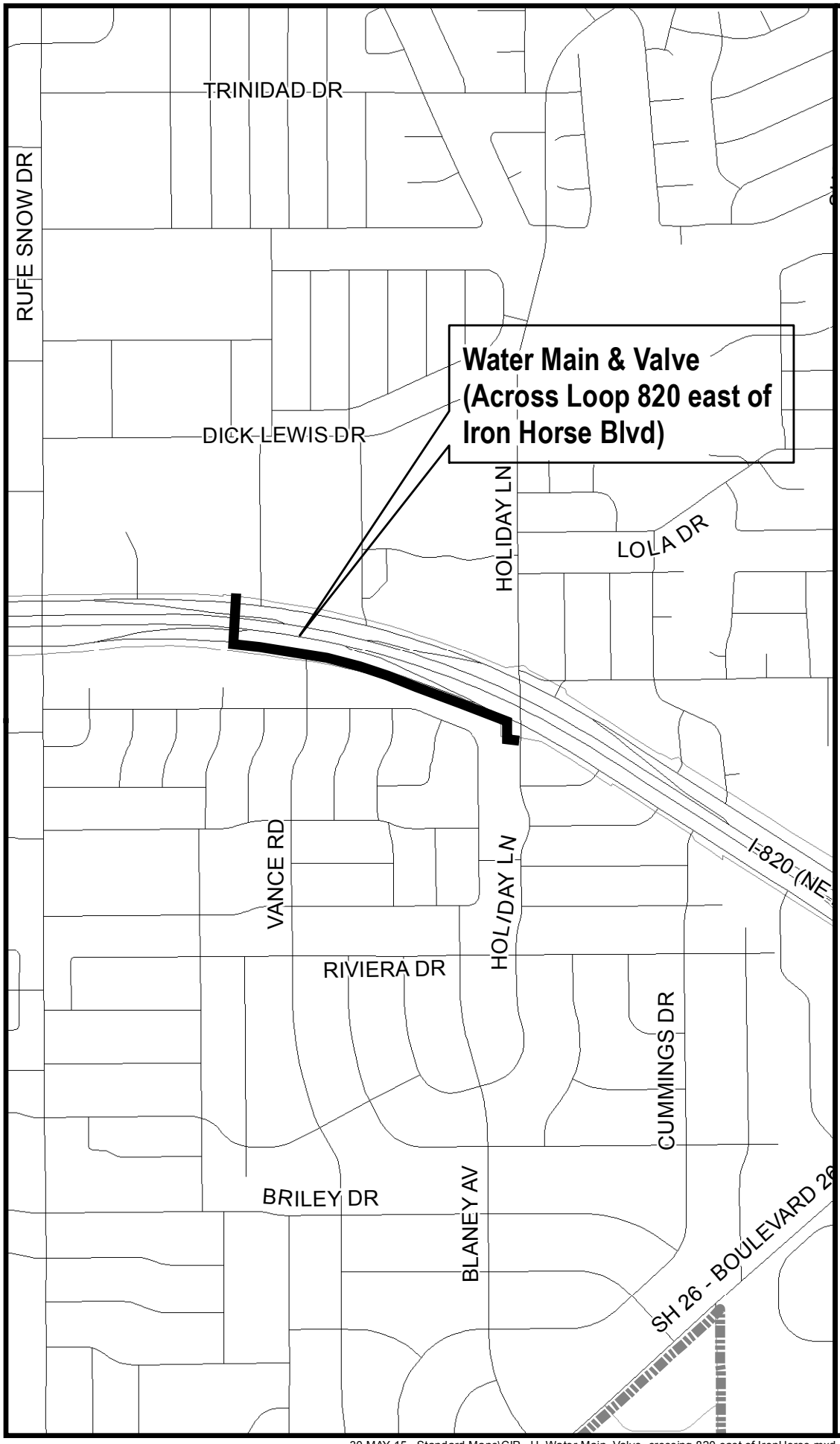
Operating Impact

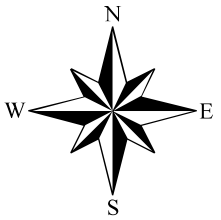
No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Water Main & Valve

(Across Loop 820 east of Iron Horse Blvd)





NORTH
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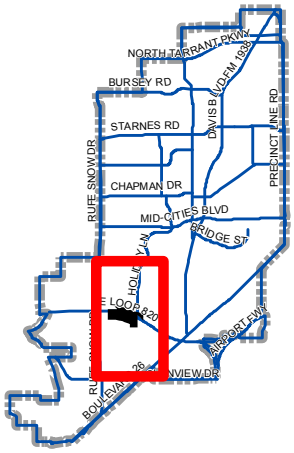
HILLS

Project Locator Map



Scale: 1" = 1000'

30 MAY 15 Standard Maps\CIP U_Water Main_Valve_crossing 820 east of IronHorse.mxd

Information Services Department - GIS

Utility Capital Projects

Department	Project Title	Project Number
Public Works	Water Main & Valve (Across Loop 820 East of Iron Horse Blvd.)	UT1207

Project Description

This project is identified in the Water System Capital Improvement Plan. This project consists of the design and construction of a new 12" diameter water main and motor operated valve across Loop 820, east of Iron Horse Boulevard. A portion of the project will be constructed with the NTE Project (Widening of Loop 820). Once the NTE project is complete the portion of the project away from Loop 820 will be completed.

Project Justification

This project is identified in the Impact Fee Program. Since the City's impact fees are calculated based on the projects identified in the Impact Fee Study, state law requires this project to be completed within the study period. This project is needed in order to ensure the reliability of the distribution system in the southern area of the City.

Note: The "Other" category under Source of Funds represents Impact Fees. If the City does not have the designated amount of Impact Fees at the time construction is awarded, then Certificates of Obligation or another funding source will be required to fund the project upfront then the City will be reimbursed by future impact fee collections. Also, all impact fee projects may be constructed by a developer depending on the timing of the development. If any portion of this project is constructed by the developer, the impact fee reimbursements will be shown to be from this project. The total budget could be less if the project is 100% constructed by a developer.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2011	07/2012
Land/ROW Acquisition		
Construction		
Other	01/2012	10/2016
Total Schedule	**10/2011**	**10/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$315,000
Total		**$315,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	265,000	0	0	0	**$265,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other	50,000	0	0	0	**$50,000**
Total Funding	**$315,000**	**$0**	**$0**	**$0**	**$315,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	47,500	0	0	0	**$47,500**
Land/ROW Acquisition					
Construction	267,500	0	0	0	**$267,500**
Other					
Total Costs	**$315,000**	**$0**	**$0**	**$0**	**$315,000**

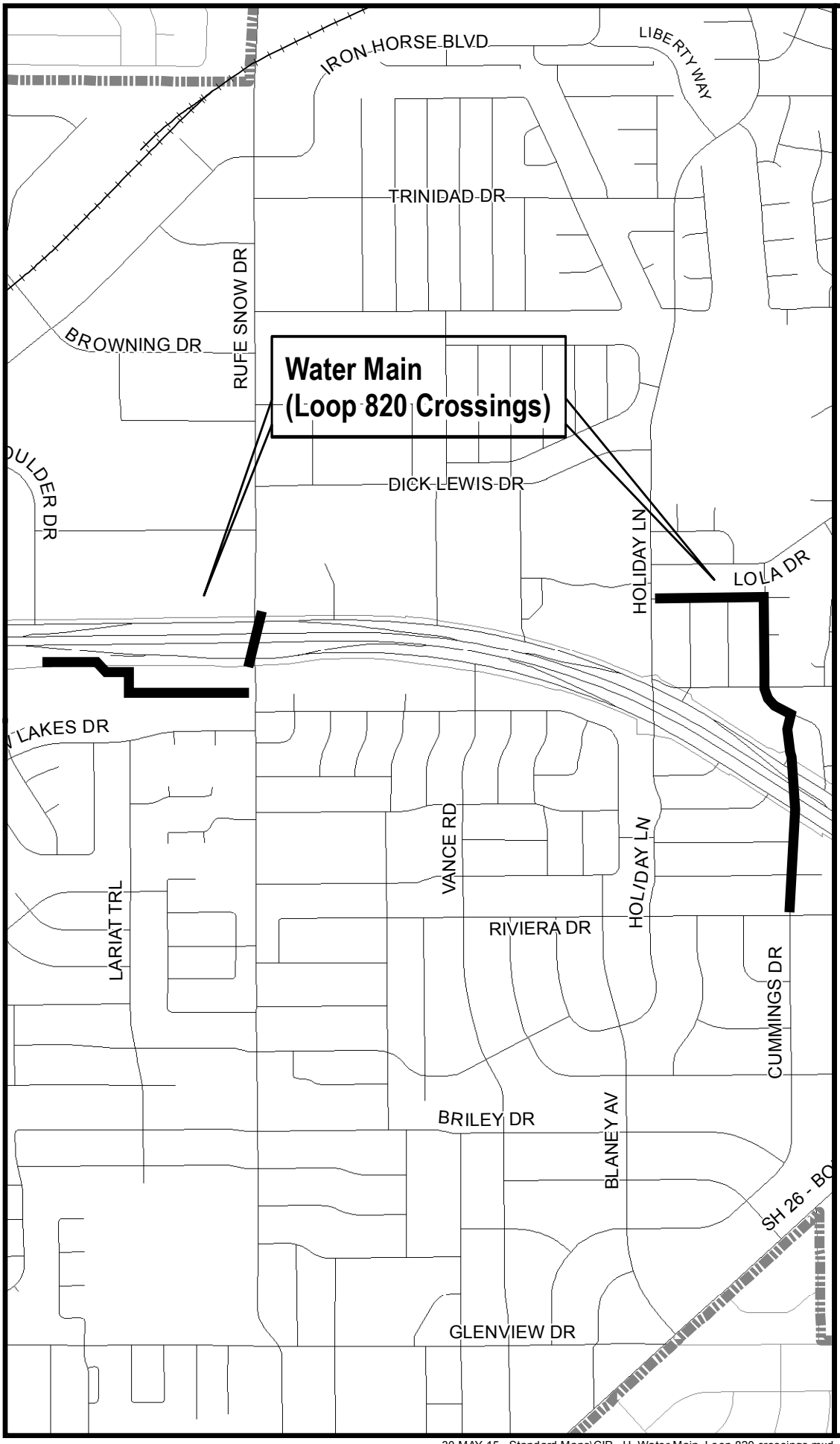
Operating Impact

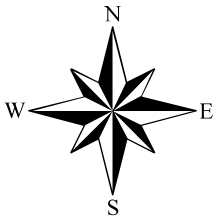
No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Water Main

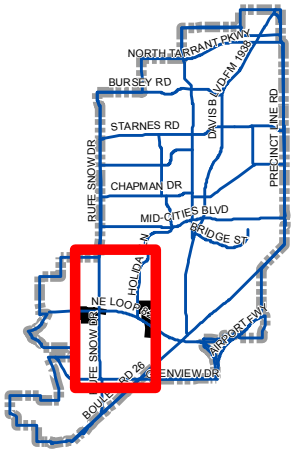
(Loop 820 Crossings)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 1200'

30 MAY 15 Standard Maps\CIP U_Water Main_Loop 820 crossings.mxd

Information Services Department - GIS

Utility Capital Projects

Department	Project Title	Project Number
Public Works	Water Main (Loop 820 Crossings)	UT1208

Project Description

This project is identified in the Water System Capital Improvement Plan. This project replaces the existing water mains across Loop 820.

Project Justification

The widening of Loop 820 will require the relocation of all existing water mains that cross Loop 820.

Note: Because Loop 820 is classified as a federal highway, a portion of the design and construction costs are paid for with federal funds. However, any additional appurtenances, upsizing, etc. is not applicable to receiving federal funding.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2011	06/2012
Land/ROW Acquisition		
Construction	07/2012	04/2016
Other		
Total Schedule	**10/2011**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$1,770,000
Total		**$1,770,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	1,770,000	0	0	0	**$1,770,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$1,770,000**	**$0**	**$0**	**$0**	**$1,770,000**

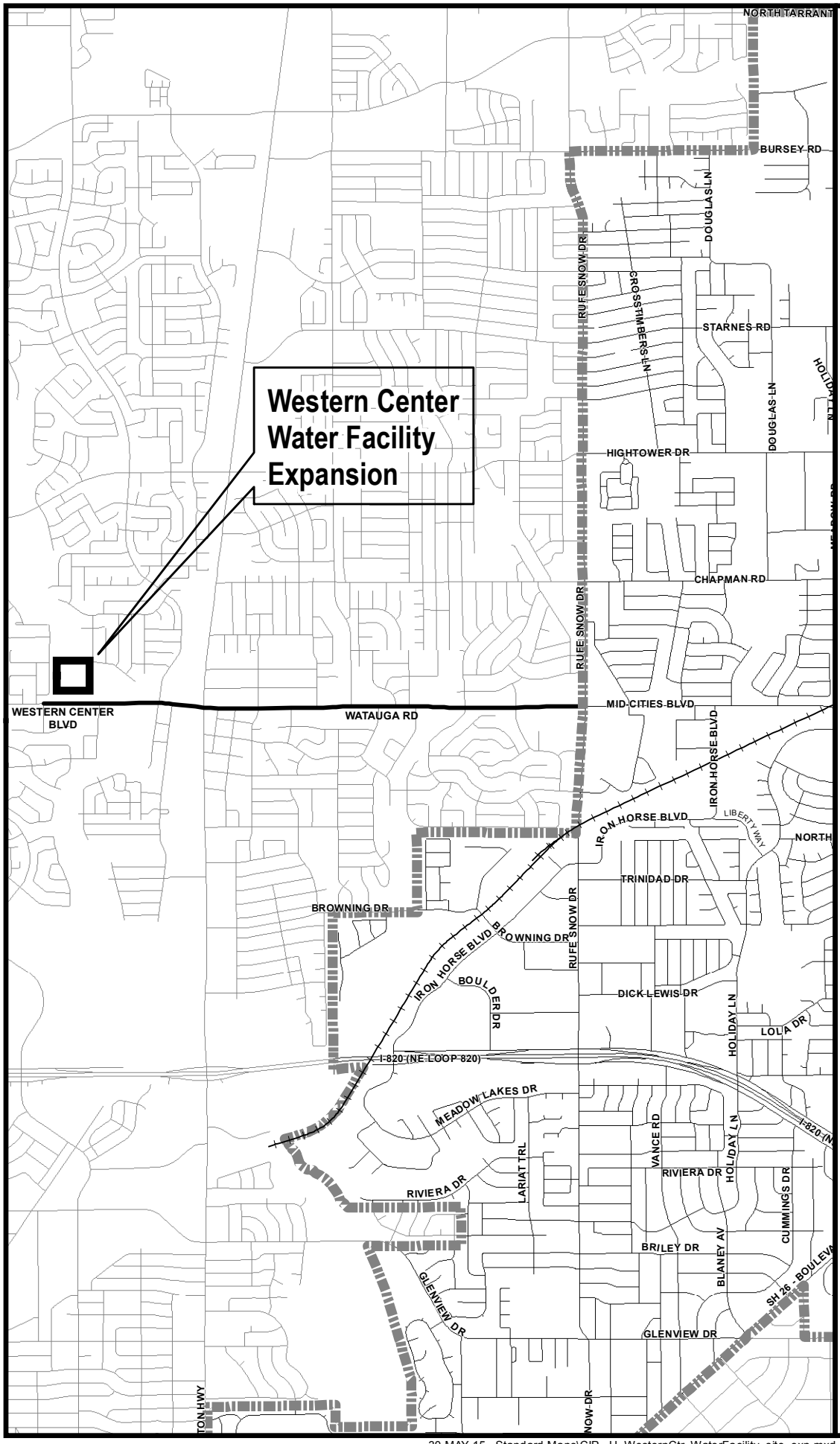
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	265,000	0	0	0	**$265,000**
Land/ROW Acquisition					
Construction	1,505,000	0	0	0	**$1,505,000**
Other					
Total Costs	**$1,770,000**	**$0**	**$0**	**$0**	**$1,770,000**

Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Western Center Water Facility Expansion



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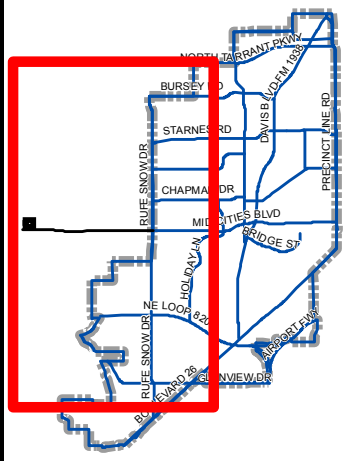
NORTH RICHLAND HILLS

Project Locator Map



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30 MAY 15 Standard Maps\CIP U_WesternCtr_WaterFacility_site_exp.mxd

Information Services Department - GIS

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 last year. 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
Professional Services	04/2008	10/2008
Engineering/Design	10/2007	10/2008
Land/ROW Acquisition	10/2007	04/2016
Construction		
Other		
Total Schedule	**10/2007**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2007-08	$40,000
Revision	2009-10	$15,000
Total		**$55,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

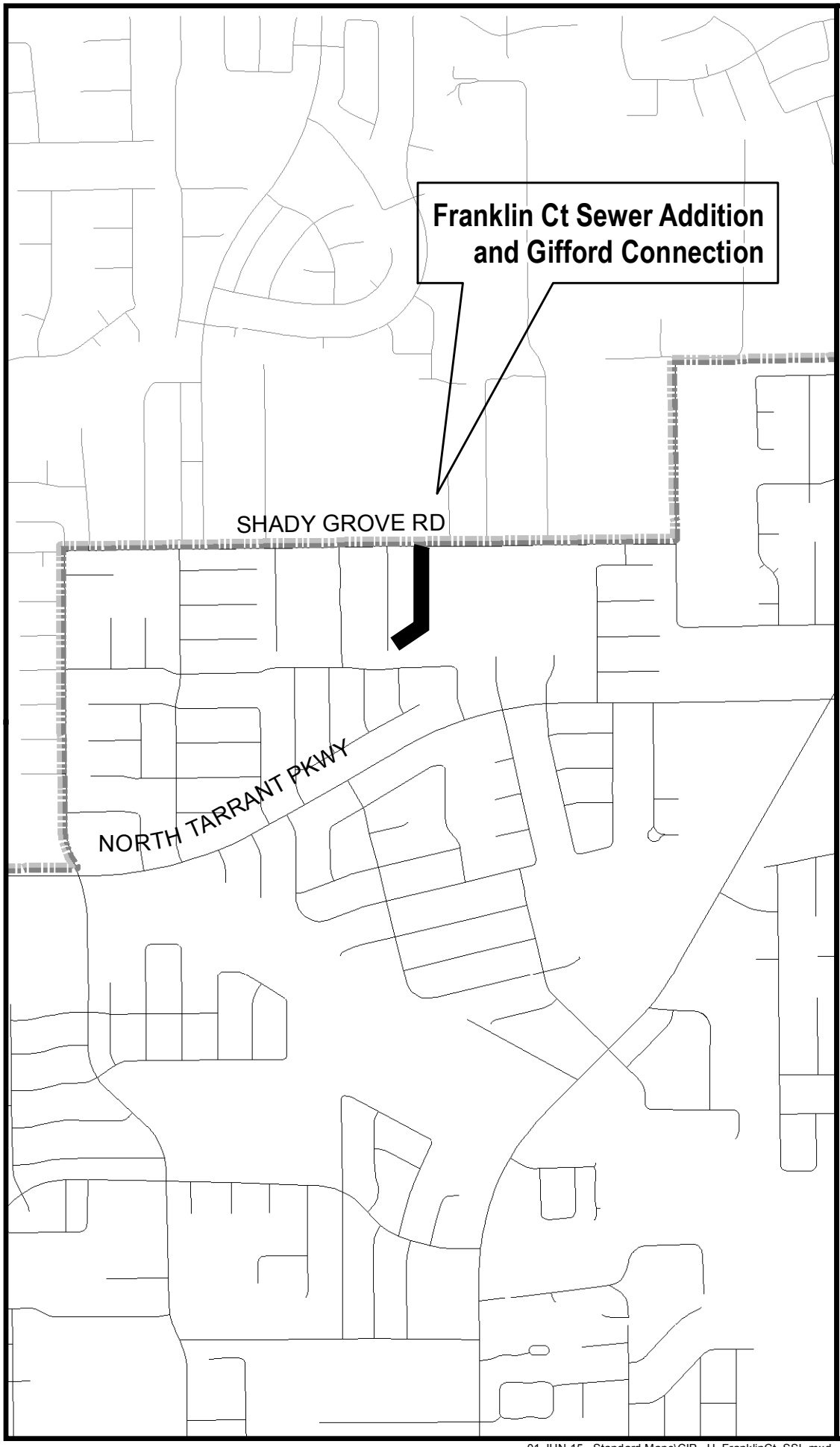
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	5,000	0	0	0	**$5,000**
Engineering/Design					
Land/ROW Acquisition	50,000	0	0	0	**$50,000**
Construction					
Other					
Total Costs	**$55,000**	**$0**	**$0**	**$0**	**$55,000**

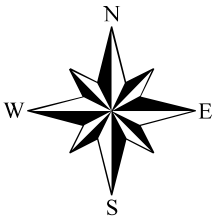
Operating Impact

No anticipated operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
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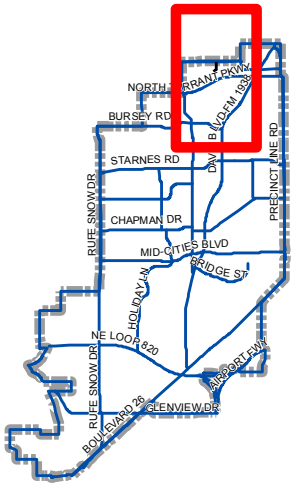
Project Locator Map



Scale: 1" = 1200'

01 JUN 15 Standard Maps\CIP U_FranklinCt_SSL.mxd

Information Services Department - GIS

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 challeng 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: Reserves are from Bond Program Project Savings

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	11/2015	06/2016
Land/ROW Acquisition	07/2016	08/2016
Construction	08/2016	04/2017
Other		
Total Schedule	**11/2015**	**04/2017**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$150,000
Total		**$150,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	20,000	0	0	**$20,000**
Land/ROW Acquisition	0	10,000	0	0	**$10,000**
Construction	0	120,000	0	0	**$120,000**
Other					
Total Costs	**$0**	**$150,000**	**$0**	**$0**	**$150,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	Impact Fee Update (2016)	UT1602

Project Description

This project will consist of an update to the current Impact Fee Study. The 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 ar 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
Professional Services	10/2015	04/2016
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**10/2015**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$110,000
Total		**$110,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	110,000	0	0	**$110,000**
Sales Tax					
Other					
Total Funding	**$0**	**$110,000**	**$0**	**$0**	**$110,000**

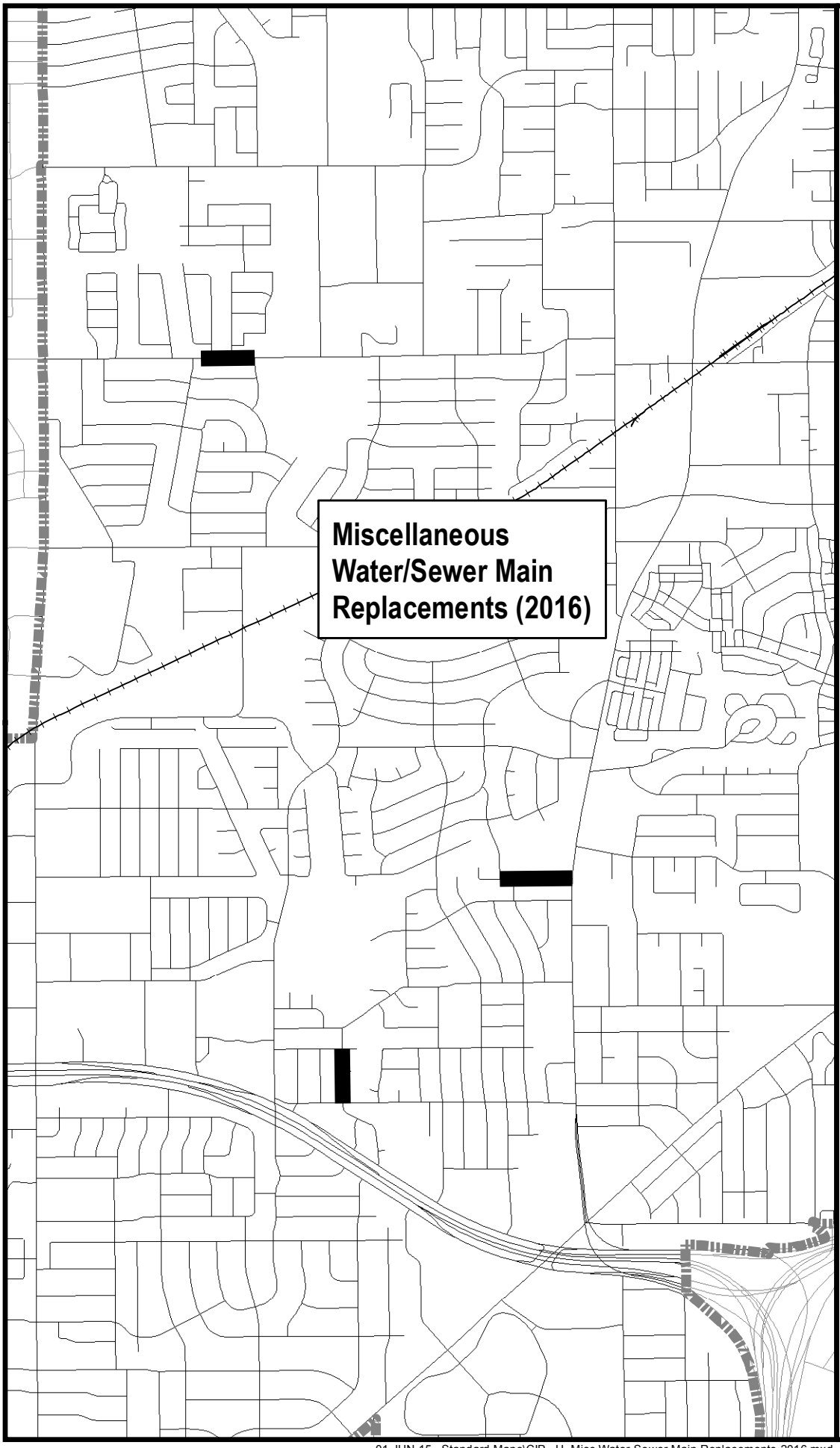
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	0	110,000	0	0	**$110,000**
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$0**	**$110,000**	**$0**	**$0**	**$110,000**

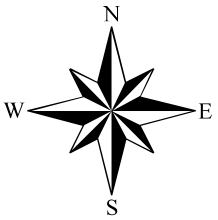
Operating Impact

No operating impact anticipated

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
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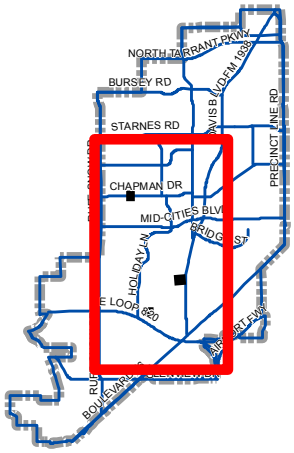
Project Locator Map



Scale: 1" = 2000'

01 JUN 15 Standard Maps\CIP U_Misc Water-Sewer Main Replacements-2016.mxd

Information Services Department - GIS

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: Utility Operations for Capital Projects

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$420,000
Total		**$420,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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**

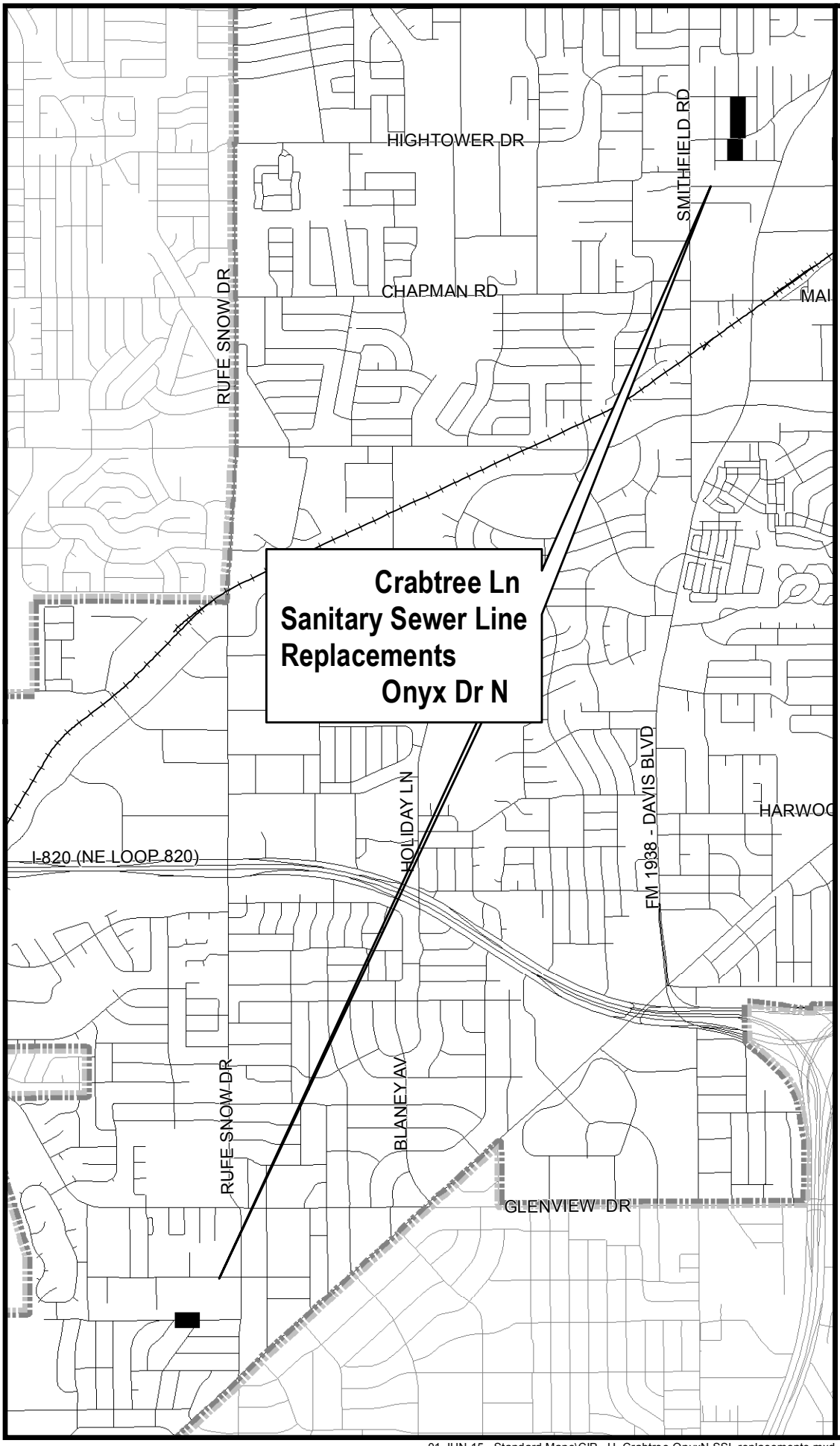
Operating Impact

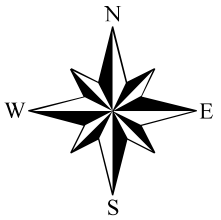
No operating impact is anticipated

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Sanitary Sewer Line Replacements

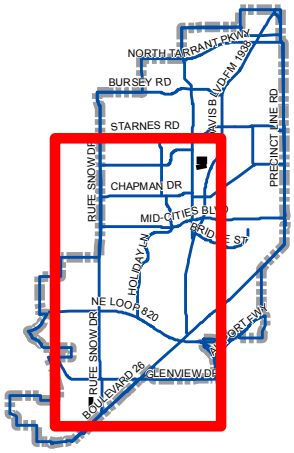
(Crabtree Ln & Onyx Dr N)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2500'

01 JUN 15 Standard Maps\CIP U_Crabtree-OnyxN SSL replacements.mxd

Information Services Department - GIS

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 lf of 6 inch clay pipe on Crabtree Ln. (6900 Block thru 7000 Block). The project will als include replacing 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 deterioratio 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 thar normal due to the environment of the aerial pipe. A failure to this pipe could cause major violations from TCEQ (Texas Commission C Environmental Quality) due to having sanitary sewer discharging into the storm drain.

Note: Reserves are from Bond Program Project Savings

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	09/2016
Land/ROW Acquisition		
Construction	01/2016	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$125,000
Total		**$125,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

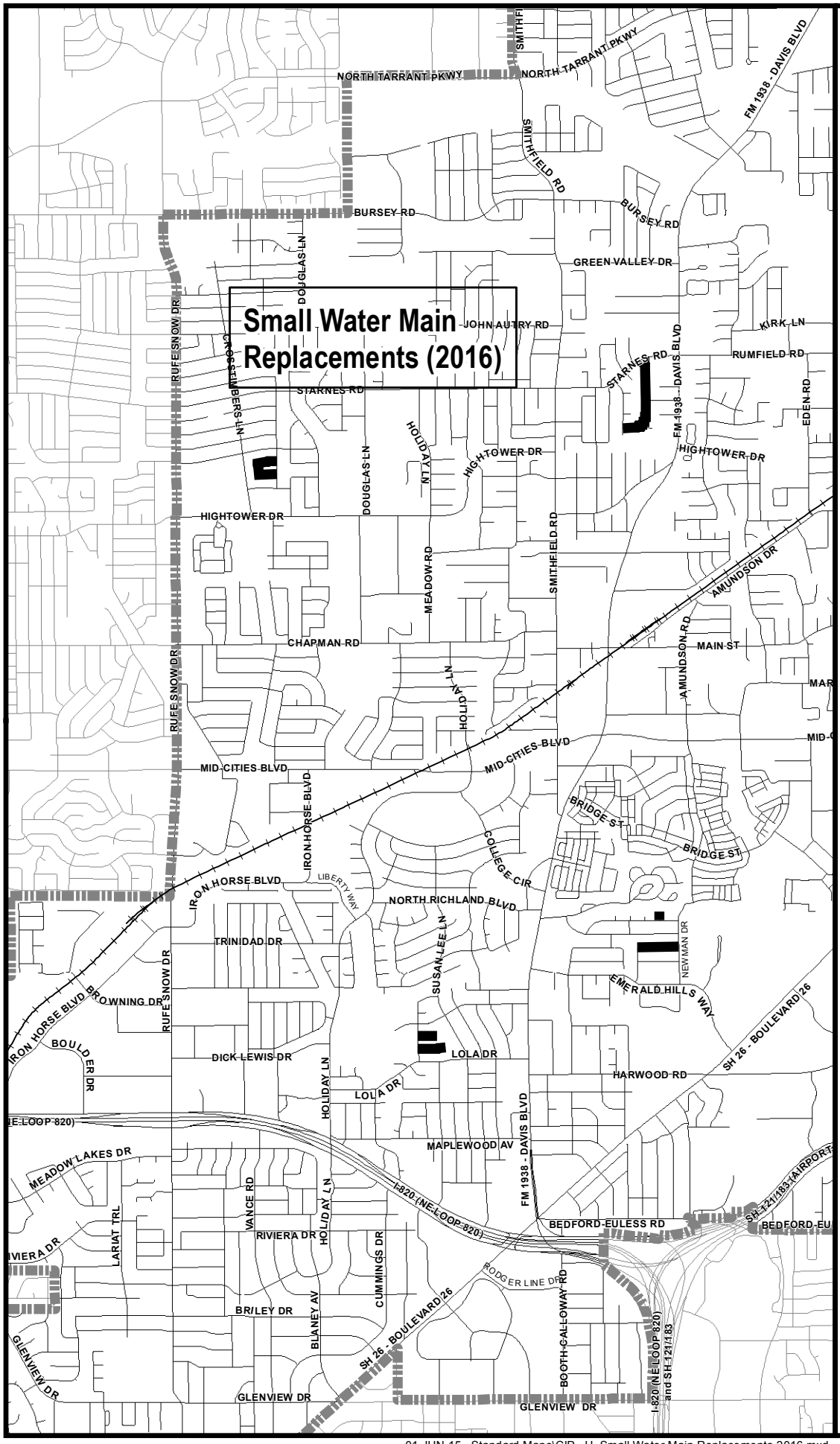
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	0	0	0	0	**$0**
Engineering/Design	0	20,000	0	0	**$20,000**
Land/ROW Acquisition					
Construction	0	105,000	0	0	**$105,000**
Other					
Total Costs	**$0**	**$125,000**	**$0**	**$0**	**$125,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Small Water Main Replacements (2016)



Scale: 1" = 3000'

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Information Services Department - GIS

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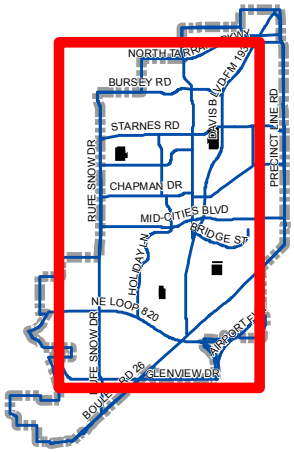
NORTH RICHLAND HILLS

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 source: Utility Operations for Capital Projects

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$420,000
Total		**$420,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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 (2016)	UT1606

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$400,000
Total		**$400,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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 2015/16 PROPOSED

	ACTUAL FY 2011/12	ACTUAL FY 2012/13	ACTUAL FY 2013/14	REVISED FY 2014/15	PROPOSED FY 2015/16	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
REVENUES														
Estimated Beginning Balance	$ 4,944,389	$ 2,238,439	$ 3,075,676	$ 2,743,519	$ 3,118,720	$ 3,064,060	$ 3,531,911	$ 3,156,466	$ 3,666,619	$ 4,254,922	$ 5,063,696	$ 5,855,075	$ 6,626,600	$ 7,375,689
OPERATING REVENUES														
Sales Tax	$ 4,241,341	$ 4,343,358	$ 4,506,169	$ 4,616,928	$ 4,800,921	$ 4,896,939	$ 4,994,878	$ 5,094,776	$ 5,196,671	$ 5,300,605	$ 5,406,617	$ 5,514,749	$ 5,625,044	$ 5,737,545
Interest Income	21,574	5,379	16,754	13,700	18,000	18,295	18,405	18,515	18,626	18,738	18,850	18,964	19,077	19,192
Youth Association Maint. Fees	50,697	56,037	70,183	57,000	60,000	61,500	63,038	64,613	66,229	67,884	69,582	71,321	73,104	74,932
Tennis Center Revenue	382,248	364,603	358,932	348,498	355,550	364,439	373,550	382,888	392,461	402,272	412,329	422,637	433,203	444,033
Transfer in from Aquatic Park Fund	68,141	71,548	75,125	77,379	81,248	85,310	89,576	94,055	98,757	103,695	108,880	114,324	120,040	126,042
Park Impact Fees	214,746	110,761	78,513	70,864	70,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000	25,000
Insurance	25,000	5,191	-	-	-	-	-	-	-	-	-	-	-	-
Other Income	734,661	2,545	67,352	19,664	1,000	1,025	1,051	1,077	1,104	1,131	1,160	1,189	1,218	1,249
Recreation Revenue Prior to 4/2012	160,072	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 5,898,478	$ 4,959,422	$ 5,173,028	$ 5,204,033	$ 5,386,719	$ 5,452,509	$ 5,565,497	$ 5,680,924	$ 5,798,848	$ 5,919,326	$ 6,042,418	$ 6,168,184	$ 6,296,688	$ 6,427,993
NRH CENTRE														
Memberships Drop-In Passes	$ 930,491	$ 1,308,667	$ 1,406,005	$ 1,410,000	$ 1,420,000	$ 1,455,500	$ 1,491,888	$ 1,529,185	$ 1,567,414	$ 1,606,600	$ 1,646,765	$ 1,687,934	$ 1,730,132	$ 1,773,385
Fitness	172,768	338,251	345,720	371,005	363,000	372,075	381,377	390,911	400,684	410,701	420,969	431,493	442,280	453,337
Recreation / Sports	134,771	263,439	248,742	263,664	291,340	298,624	306,089	313,741	321,585	329,624	337,865	346,312	354,970	363,844
Grand Hall Rental	23,083	129,542	149,737	174,105	166,800	170,970	175,244	179,625	184,116	188,719	193,437	198,273	203,230	208,310
Catering & Event Fees	3,975	13,368	11,665	17,000	17,000	17,425	17,861	18,307	18,765	19,234	19,715	20,208	20,713	21,231
Aquatic Programs	49,298	81,560	182,826	189,000	189,000	193,725	198,568	203,532	208,621	213,836	219,182	224,662	230,278	236,035
Pool Rental	(80)	5,646	4,239	5,400	5,400	5,535	5,673	5,815	5,961	6,110	6,262	6,419	6,579	6,744
Gym Rental	245	5,910	2,592	3,100	3,100	3,178	3,257	3,338	3,422	3,507	3,595	3,685	3,777	3,871
Consessions / Merchandise	13,814	29,580	28,113	28,838	27,000	27,675	28,367	29,076	29,803	30,548	31,312	32,095	32,897	33,719
Special Events	120	10,542	8,635	10,000	10,000	10,250	10,506	10,769	11,038	11,314	11,597	11,887	12,184	12,489
Other	43,018	108,326	26,441	13,125	13,500	13,838	14,183	14,538	14,901	15,274	15,656	16,047	16,448	16,860
Transfer In - General Fund	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102
SUB-TOTAL	$ 1,858,606	$ 2,781,933	$ 2,901,816	$ 2,972,339	$ 2,993,242	$ 3,055,896	$ 3,120,115	$ 3,185,941	$ 3,253,412	$ 3,322,569	$ 3,393,456	$ 3,466,115	$ 3,540,590	$ 3,616,927
APPROPRIATION OF FUND BALANCE														
Approriation - Fund Balance	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Appropriation - PY Encumbrances	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUB-TOTAL REVENUES	$ 7,757,084	$ 7,741,355	$ 8,074,844	$ 8,176,372	$ 8,379,961	$ 8,508,404	$ 8,685,612	$ 8,866,865	$ 9,052,260	$ 9,241,896	$ 9,435,874	$ 9,634,299	$ 9,837,278	$ 10,044,920
Bond Proceeds	-	-	-	-	-	1,800,000	1,500,000	-	-	-	-	-	-	-
Grant Proceeds	313,190	86,535	1,788,945	231,701	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 8,070,274	$ 7,827,890	$ 9,863,789	$ 8,408,073	$ 8,379,961	$ 10,308,404	$ 10,185,612	$ 8,866,865	$ 9,052,260	$ 9,241,896	$ 9,435,874	$ 9,634,299	$ 9,837,278	$ 10,044,920
Adjusting Year End Entries	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUES	$ 8,070,274	$ 7,827,890	$ 9,863,789	$ 8,408,073	$ 8,379,961	$ 10,308,404	$ 10,185,612	$ 8,866,865	$ 9,052,260	$ 9,241,896	$ 9,435,874	$ 9,634,299	$ 9,837,278	$ 10,044,920
EXPENDITURES														
OPERATING														
Park Facilities Development Admin.	$ 655,569	$ 680,471	$ 695,247	$ 711,278	$ 733,034	$ 755,025	$ 777,676	$ 801,006	$ 825,036	$ 849,787	$ 875,281	$ 901,539	$ 928,586	$ 956,443
Parks & Public Grounds	1,763,569	1,701,318	1,831,093	2,002,685	2,022,335	2,083,005	2,145,495	2,209,860	2,276,156	2,344,441	2,414,774	2,487,217	2,561,833	2,638,688
Tennis Center Operations	591,306	573,145	538,224	628,036	625,843	644,618	663,957	683,876	704,392	725,524	747,289	769,708	792,799	816,583
Recreation Exp. Prior to 4/2012	393,108	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 3,403,552	$ 2,954,934	$ 3,064,564	$ 3,341,999	$ 3,381,212	$ 3,482,648	$ 3,587,128	$ 3,694,742	$ 3,805,584	$ 3,919,751	$ 4,037,344	$ 4,158,464	$ 4,283,218	$ 4,411,715
NRH CENTRE														
Center Management	$ 346,674	$ 609,060	$ 631,316	$ 678,291	$ 686,952	$ 707,561	$ 728,787	$ 750,651	$ 773,171	$ 796,366	$ 820,257	$ 844,864	$ 870,210	$ 896,317
Fitness	544,597	294,418	323,072	346,297	449,656	463,146	477,040	491,351	506,092	521,275	536,913	553,020	569,611	586,699
Building Operations	78,449	168,211	184,078	200,096	209,180	215,455	221,919	228,577	235,434	242,497	249,772	257,265	264,983	272,932
Aquatic	237,044	481,301	520,878	525,536	556,618	573,317	590,516	608,232	626,478	645,273	664,631	684,570	705,107	726,260
Recreation Sports	153,760	279,238	284,362	342,678	348,561	359,018	369,788	380,882	392,308	404,078	416,200	428,686	441,547	454,793

PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2015/16 PROPOSED

	ACTUAL FY 2011/12	ACTUAL FY 2012/13	ACTUAL FY 2013/14	REVISED FY 2014/15	PROPOSED FY 2015/16	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
Event Center	85,618	154,901	196,329	250,109	254,042	261,663	269,513	277,599	285,927	294,504	303,339	312,440	321,813	331,467
Building Services	304,075	430,050	331,300	320,000	360,750	375,180	390,187	401,893	413,950	426,368	439,159	452,334	465,904	479,881
SUB-TOTAL	$ 1,750,216	$ 2,417,180	$ 2,471,336	$ 2,663,007	$ 2,865,759	$ 2,955,339	$ 3,047,751	$ 3,139,184	$ 3,233,359	$ 3,330,360	$ 3,430,271	$ 3,533,179	$ 3,639,174	$ 3,748,350
OTHER & RESERVES														
Debt Service - Revenue Bonds	$ 1,109,573	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Debt Service	357,130	364,343	356,218	341,536	329,055	320,393	305,080	221,980	211,205	170,880	166,080	161,280	156,480	151,680
Indirect Costs	350,126	367,635	386,017	417,943	449,959	472,457	496,080	520,884	546,928	574,274	602,988	633,137	664,794	698,034
Non-Departmental	31,421	47,309	37,354	39,635	44,130	46,337	48,653	51,086	53,640	56,322	59,138	62,095	65,200	68,460
Transfer to Capital Projects	-	-	-	221,278	972,000	-	-	-	-	-	-	-	-	-
Reserve for Capital	647,979	1,115,423	1,255,521	726,219	-	-	-	-	-	-	-	-	-	-
Reserve for Economic Development	107,088	109,778	112,836	115,423	120,023	121,823	123,651	125,505	127,388	129,299	131,238	133,207	135,205	137,233
Reserve for NRH Centre	-	364,754	390,999	309,332	93,656	100,556	72,364	46,757	20,052	(7,791)	(36,815)	(67,064)	(98,584)	(131,422)
Proposed Program Modifications	-	-	-	-	33,827	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 2,603,317	$ 2,369,242	$ 2,538,945	$ 2,171,366	$ 2,042,650	$ 1,061,566	$ 1,045,828	$ 966,212	$ 959,214	$ 922,985	$ 922,630	$ 922,656	$ 923,095	$ 923,985
SUB-TOTAL EXPENSES	$ 7,757,084	$ 7,741,355	$ 8,074,845	$ 8,176,372	$ 8,289,621	$ 7,499,554	$ 7,680,707	$ 7,800,138	$ 7,998,157	$ 8,173,096	$ 8,390,245	$ 8,614,299	$ 8,845,488	$ 9,084,049
Future Debt	-	-	-	-	-	153,000	277,350	271,575	265,800	260,025	254,250	248,475	242,700	236,925
Capital Maintenance	-	433,047	1,990,273	582,719	145,000	2,188,000	2,603,000	285,000	200,000	-	-	-	-	-
SUB-TOTAL	$ 7,757,084	$ 8,174,402	$ 10,065,118	$ 8,759,091	$ 8,434,621	$ 9,840,554	$ 10,561,057	$ 8,356,713	$ 8,463,957	$ 8,433,121	$ 8,644,495	$ 8,862,774	$ 9,088,188	$ 9,320,974
Adjusting Year End Entries	3,019,140	(1,183,749)	130,828	(726,219)	-	-	-	-	-	-	-	-	-	-
EXPENSE TOTAL	$ 10,776,224	$ 6,990,653	$ 10,195,946	$ 8,032,872	$ 8,434,621	$ 9,840,554	$ 10,561,057	$ 8,356,713	$ 8,463,957	$ 8,433,121	$ 8,644,495	$ 8,862,774	$ 9,088,188	$ 9,320,974
REVENUE LESS DEBT, ADMIN & OPERATING COSTS	$ (2,705,950)	$ 837,237	$ (332,157)	$ 375,201	$ (54,660)	$ 467,850	$ (375,445)	$ 510,153	$ 588,303	$ 808,774	$ 791,379	$ 771,525	$ 749,090	$ 723,946
Estimated Remaining Balance - Operations & Impact Fees *	$ 2,238,439	$ 3,075,676	$ 2,743,519	$ 3,118,720	$ 3,064,060	$ 3,531,911	$ 3,156,466	$ 3,666,619	$ 4,254,922	$ 5,063,696	$ 5,855,075	$ 6,626,600	$ 7,375,689	$ 8,099,635
Estimated Fund Balance (by Category):														
Impact Fees	***$ 1,170,808***	***$ 1,389,474***	***$ 1,492,502***	***$ 1,563,366***	***$ 1,633,366***	***$ 1,658,366***	***$ 1,683,366***	***$ 1,708,366***	***$ 1,733,366***	***$ 1,758,366***	***$ 1,783,366***	***$ 1,808,366***	***$ 1,833,366***	***$ 1,858,366***
Operations	***1,067,631***	***1,204,511***	***378,327***	***373,332***	***155,016***	***497,311***	***24,502***	***462,897***	***1,006,148***	***1,797,713***	***2,600,907***	***3,414,496***	***4,237,170***	***5,067,538***
NRH Centre	***-***	***481,691***	***872,690***	***1,182,022***	***1,275,678***	***1,376,234***	***1,448,598***	***1,495,355***	***1,515,408***	***1,507,617***	***1,470,802***	***1,403,738***	***1,305,154***	***1,173,732***
Total Fund Balance	***$ 2,238,439***	***$ 3,075,676***	***$ 2,743,519***	***$ 3,118,720***	***$ 3,064,060***	***$ 3,531,911***	***$ 3,156,466***	***$ 3,666,619***	***$ 4,254,922***	***$ 5,063,696***	***$ 5,855,075***	***$ 6,626,600***	***$ 7,375,689***	***$ 8,099,635***

PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2015/2016 PROPOSED BUDGET

Project Description	Actual 2012/2013	Adopted 2013/2014	Actual 2013/2014	Adopted 2014/2015	Revised 2014/2015	Proposed 2015/2016	Estimated 2016/2017	Estimated 2017/2018	Estimated 2018/2019	Estimated 2019/2020	Estimated 2020/2021	Estimated 2021/2022	Estimated 2022/2023	Estimated 2023/2024	Estimated 2024/2025
PARK DEVELOPMENT & IMPROVEMENTS															
Completed Projects															
Annual Tree Planting 2012	$ 30,014	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Adventure World Playground	35,481	-	607,278	-	-	-	-	-	-	-	-	-	-	-	-
Park Pond and Drainage	-	255,000	255,000	-	-	-	-	-	-	-	-	-	-	-	-
Park System Infrastructure Maintenance (2014)	-	132,500	132,500	-	-	-	-	-	-	-	-	-	-	-	-
Richfield Park Improvements	-	240,476	240,476	-	-	-	-	-	-	-	-	-	-	-	-
Richland Tennis Center Asset Management (2012)	91,079	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland Tennis Center Asset Management (2013)	24,834	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Richland Tennis Center Asset Management (2014)	-	77,000	77,000	-	-	-	-	-	-	-	-	-	-	-	-
Trail Signage and Identification	34,181	-	-	-	-	-	-	-	-	-	-	-	-	-	-
TUCOR Irrigation System Upgrade	79,548	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Completed Park Dev & Imp	$ 531,701	$ 704,976	$ 1,312,254	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Continuing Projects															
Total Continuing Park Dev & Imp	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
New Projects															
Annual Tree Planting (2015)	$ -	$ -	$ -	$ 35,000	$ 35,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Northfield Park Security Lights/Electrical System	-	-	-	35,000	35,000	-	-	-	-	-	-	-	-	-	-
NRH Centre Infrastructure Improvements (2015)				25,000	25,000										
Park Maintenance Infrastructure (2015)	-	-	-	228,900	232,597	-	-	-	-	-	-	-	-	-	-
Richland Tennis Center Infrastructure Maintenance	-	-	-	59,900	59,900	-	-	-	-	-	-	-	-	-	-
Scoreboard Replacement	-	-	-	123,500	123,500	-	-	-	-	-	-	-	-	-	-
Trail Head Gateways (2015)	-	-	-	130,000	130,000	-	-	-	-	-	-	-	-	-	-
Total New Park Dev & Imp	$ -	$ -	$ -	$ 637,300	$ 640,997	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Future Projects															
Park System Infrastructure Maintenance	$ -	$ -	$ -	$ -	$ -	$ 175,000	$ 150,000	$ 150,000	$ 150,000	$ 150,000	$ -	$ -	$ -	$ -	$ -
Richland Tennis Center Infrastructure Maintenance	-	-	-	-	-	30,000	30,000	80,000	50,000	50,000	-	-	-	-	-
Adventure World Playground Shade	-	-	-	-	-	150,000	-	-	-	-	-	-	-	-	-
Annual Tree Planting	-	-	-	-	-	-	35,000	-	35,000	-	-	-	-	-	-
Park System Signage	-	-	-	-	-	100,000	173,000	173,000	-	-	-	-	-	-	-
Park Pond and Drainage Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Playground Surface Improvements	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Playground and Bleacher Shade Structures	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Public Art at Recreation Center	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Skateboard Park	-	-	-	-	-	-	-	700,000	50,000	-	-	-	-	-	-
Trailhead Gateways	-	-	-	-	-	110,000	-	-	-	-	-	-	-	-	-
Central East Neighborhood Park	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Fossil Creek Neighborhood Park and Trail	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Park System Playground Replacement	-	-	-	-	-	100,000	-	-	-	-	-	-	-	-	-
Total Future Park Dev & Imp	$ -	$ -	$ -	$ -	$ -	$ 665,000	$ 388,000	$ 1,103,000	$ 285,000	$ 200,000	$ -	$ -	$ -	$ -	$ -
TOTAL PARK DEVELOPMENT & IMPROVEMENT	**$ 531,701**	**$ 704,976**	**$ 1,312,254**	**$ 637,300**	**$ 640,997**	**$ 665,000**	**$ 388,000**	**$ 1,103,000**	**$ 285,000**	**$ 200,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2015/2016 PROPOSED BUDGET

Project Description	Actual 2012/2013	Adopted 2013/2014	Actual 2013/2014	Adopted 2014/2015	Revised 2014/2015	Proposed 2015/2016	Estimated 2016/2017	Estimated 2017/2018	Estimated 2018/2019	Estimated 2019/2020	Estimated 2020/2021	Estimated 2021/2022	Estimated 2022/2023	Estimated 2023/2024	Estimated 2024/2025
TRAIL DEVELOPMENT															
Completed Projects															
Barfield/Cotton Belt Trail Connector	$ 4,800	$ 45,000	$ 45,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Boulevard 26 Multi-Use Trail [ISTEA]	753,892	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Calloway Branch Trail Development	296,898	290,905	290,905	-	-	-	-	-	-	-	-	-	-	-	-
Little Bear Creek Trail Development	1,312,186	342,114	342,114	-	-	-	-	-	-	-	-	-	-	-	-
Total Completed Trail Development	$ 2,367,776	$ 678,019	$ 678,019	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Continuing Projects															
Total Continuing Trail Development	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
New Projects															
City Wide Trail and Route System Plan	$ -	$ -	$ -	$ 30,000	$ 30,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Major Trail Neighborhood Connectors	-	-	-	133,000	133,000	-	-	-	-	-	-	-	-	-	-
Total New Trail Development	$ -	$ -	$ -	$ 163,000	$ 163,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Future Projects															
Trailhead Gateways (2014)	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
First Phase - City Wide Trail and Route System Plan	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Major Trail Rest Stations	$ -	$ -	$ -	$ -	$ -	$ 55,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Future Trail Development	$ -	$ -	$ -	$ -	$ -	$ 55,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL TRAIL DEVELOPMENT	**$ 2,367,776**	**$ 678,019**	**$ 678,019**	**$ 163,000**	**$ 163,000**	**$ 55,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
ATHLETICS															
Completed Projects															
Baseball Fields at Cross Timbers Park	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Continuing Athletic Improvements	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
New Projects															
Total New Athletic Improvements	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Future Projects															
Northfield Park Redevelopment	$ -	$ -	$ -	$ -	$ -	$ 397,000	$ 1,800,000	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Walker's Creek Park Phase II	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Future Athletics	$ -	$ -	$ -	$ -	$ -	$ 397,000	$ 1,800,000	$ 1,500,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL ATHLETICS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ 397,000**	**$ 1,800,000**	**$ 1,500,000**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**

PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2015/2016 PROPOSED BUDGET

Project Description	Actual 2012/2013	Adopted 2013/2014	Actual 2013/2014	Adopted 2014/2015	Revised 2014/2015	Proposed 2015/2016	Estimated 2016/2017	Estimated 2017/2018	Estimated 2018/2019	Estimated 2019/2020	Estimated 2020/2021	Estimated 2021/2022	Estimated 2022/2023	Estimated 2023/2024	Estimated 2024/2025
AQUATICS															
Completed Projects															
NRH_2O	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Completed Aquatics	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL AQUATICS	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
RECREATION CENTER															
Completed Projects															
Central NRH Recreation Center	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Total Continuing Recreation Center	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL RECREATION CENTER	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
OTHER PROJECTS															
Completed Projects															
Bedford-Euless Road Landscaping	$ -	$ -	$ -	$ -		$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
City Entry Sign (East Harwood Blvd.)	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Davis Blvd. Streetscape	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Iron Horse Greens Reconstruction	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Mid-Cities Boulevard Landscape	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Parks Master Plan Update (2005)	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Road Widening/Improvements	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Special Proj./Design Res.	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Supplemental Funds	-	-	-	-		-	-	-	-	-	-	-	-	-	-
TUCOR Irrigation Conversion	-	-	-	-		-	-	-	-	-	-	-	-	-	-
Total Completed Other Improvements	$ 69,356	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Continuing Projects															
Total Continuing Other Improvements	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
TOTAL OTHER PROJECTS	**$ 69,356**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**	**$ -**
TOTAL PROJECT EXPENDITURES	$ 2,968,833	$ 1,382,995	$ 1,990,273	$ 800,300	$ 803,997	$ 1,117,000	$ 2,188,000	$ 2,603,000	$ 285,000	$ 200,000	$ -	$ -	$ -	$ -	$ -

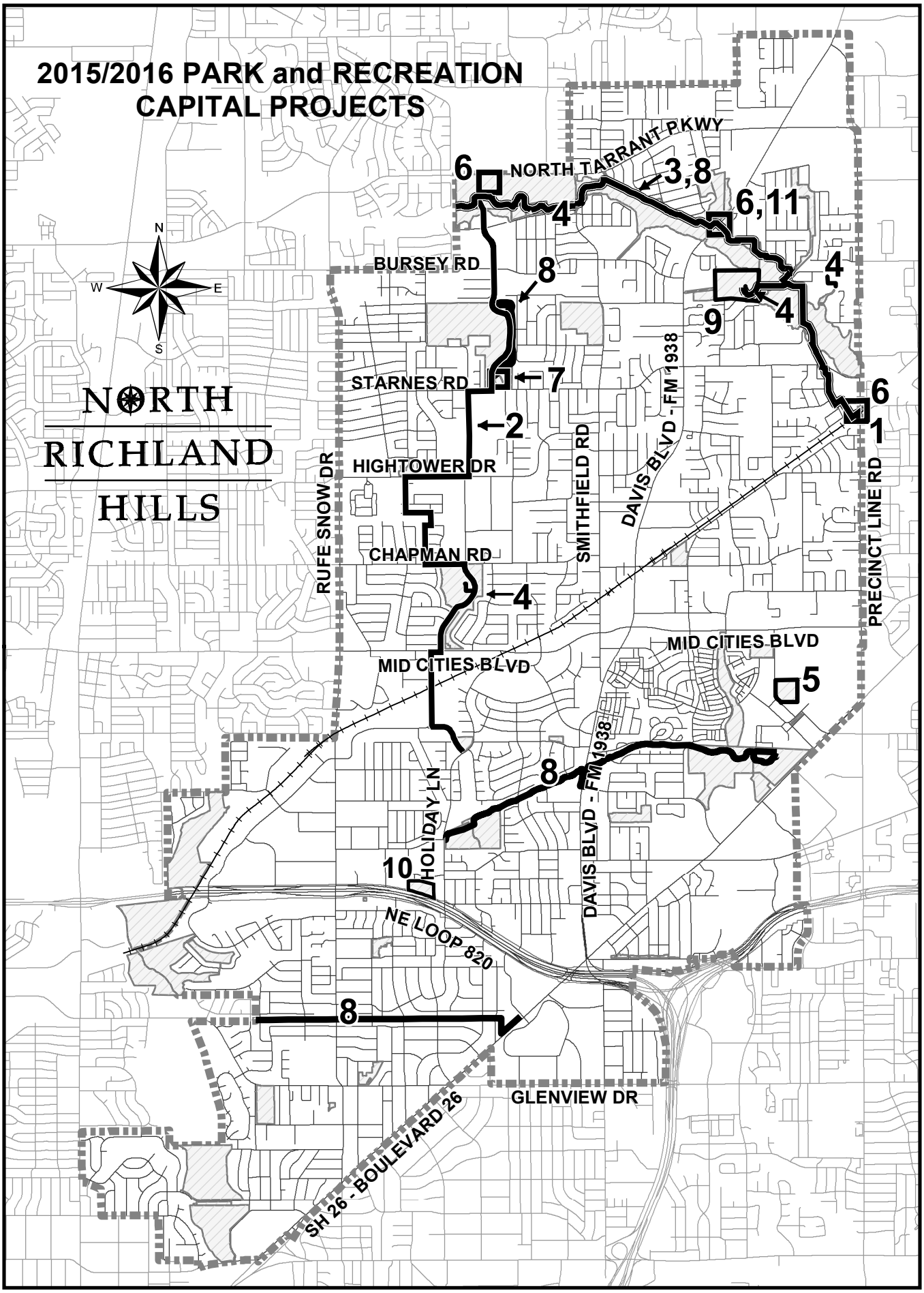
NRH

Schedule 4
Parks & Recreation Capital Projects
Budget Summary

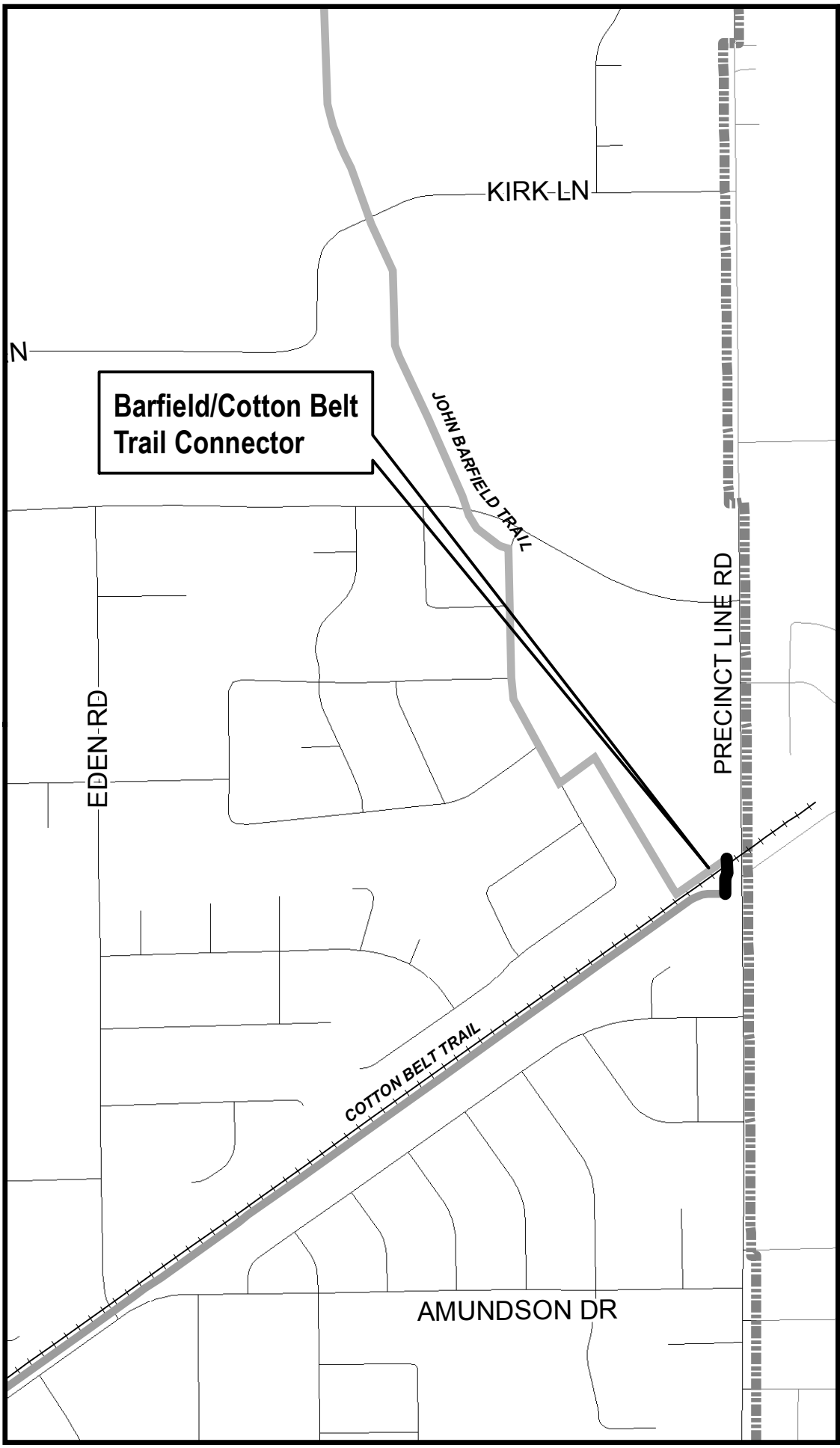
Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
157	1	Barfield/Cotton Belt Trail Connector	65,000	0	0	0	$ 65,000
159	2	Calloway Branch Trail Development [CMAQ]	1,489,811	0	0	0	$ 1,489,811
161	-	City Wide Trail and Route System Plan	30,000	0	0	0	$ 30,000
163	3	Little Bear Creek Trail Development(John Barfield Trail Development)[ISTEA]	2,830,420	0	0	0	$ 2,830,420
165	4	Major Trail Neighborhood Connectors	133,000	0	0	0	$ 133,000
167	5	NRH Centre Infrastructure Improvements (2015)	25,000	0	0	0	$ 25,000
169	-	Park Maintenance Infrastructure (2015)	232,597	0	0	0	$ 232,597
171	6	Trail Head Gateways 2015	130,000	0	0	0	$ 130,000
Total Continuing Projects			$ 4,935,828	$ 0	$ 0	$ 0	$ 4,935,828
New Projects							
173	7	Adventure World Playground Shade	0	150,000	0	0	$ 150,000
175	8	Major Trail Rest Stations	0	55,000	0	0	$ 55,000
177	9	Northfield Park Redevelopment	0	397,000	1,800,000	1,500,000	$ 3,697,000
178	-	Park Infrastructure Maintenance (2016)	0	175,000	0	0	$ 175,000
179	-	Park System Playground Replacement	0	100,000	0	0	$ 100,000
181	-	Park System Signage	0	100,000	173,000	173,000	$ 446,000
183	10	Richland Tennis Center Infrastructure Maintenance (2016)	0	30,000	0	0	$ 30,000
185	11	Trail Head Gateways 2016	0	110,000	0	0	$ 110,000
Total New Projects			$ 0	$ 1,117,000	$ 1,973,000	$ 1,673,000	$ 4,763,000
Total Project Costs			$ 4,935,828	$ 1,117,000	$ 1,973,000	$ 1,673,000	$ 9,698,828
Funding Sources							
Certificates of Obligation							
Certificates of Obligation			0	0	1,800,000	1,500,000	3,300,000
Total Certificates of Obligation			$ 0	$ 0	$ 1,800,000	$ 1,500,000	$ 3,300,000
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							
			25,000	0	0	0	25,000
Total Reserves			$ 25,000	$ 0	$ 0	$ 0	$ 25,000
Sales Tax							
Park Sales Tax			2,027,900	972,000	173,000	173,000	3,345,900
Total Sales Tax			$ 2,027,900	$ 972,000	$ 173,000	$ 173,000	$ 3,345,900
Other							
Donations Fund			0	90,000	0	0	90,000

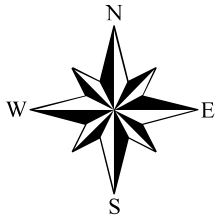
Schedule 4
Parks & Recreation Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
		Impact Fees	0	55,000	0	0	55,000
Total Other			$ 0	$ 145,000	$ 0	$ 0	$ 145,000
Total Sources of Funds			$ 4,935,828	$ 1,117,000	$ 1,973,000	$ 1,673,000	$ 9,698,828


2015/2016 PARK and RECREATION
CAPITAL PROJECTS
NORTH RICHLAND HILLS
N
W
E
S
NORTH TARRANT PKWY
BURSEY RD
STARNES RD
HIGHTOWER DR
CHAPMAN RD
MID CITIES BLVD
RUFE SNOW DR
SMITHFIELD RD
DAVIS BLVD - FM 1938
PRECINCT LINE RD
HOLIDAY LN
NE LOOP 820
GLENVIEW DR
SH 26 - BOULEVARD 26
1
2
3,8
4
5
6
6,11
7
8
9
10

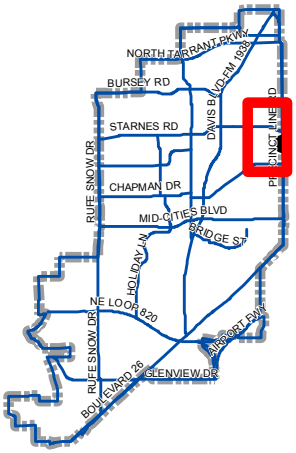
Barfield/ Cotton Belt Trail Connector





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 600'

30 JUN 15 Standard Maps\CIP P_Barfield_Cotton Belt Trail Connector.mxd

Information Services Department - GIS

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
Professional Services	10/2013	01/2014
Engineering/Design		
Land/ROW Acquisition		
Construction	03/2014	11/2015
Other		
Total Schedule	**10/2013**	**11/2015**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$45,000
Revision	2014-15	$20,000
Total		**$65,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

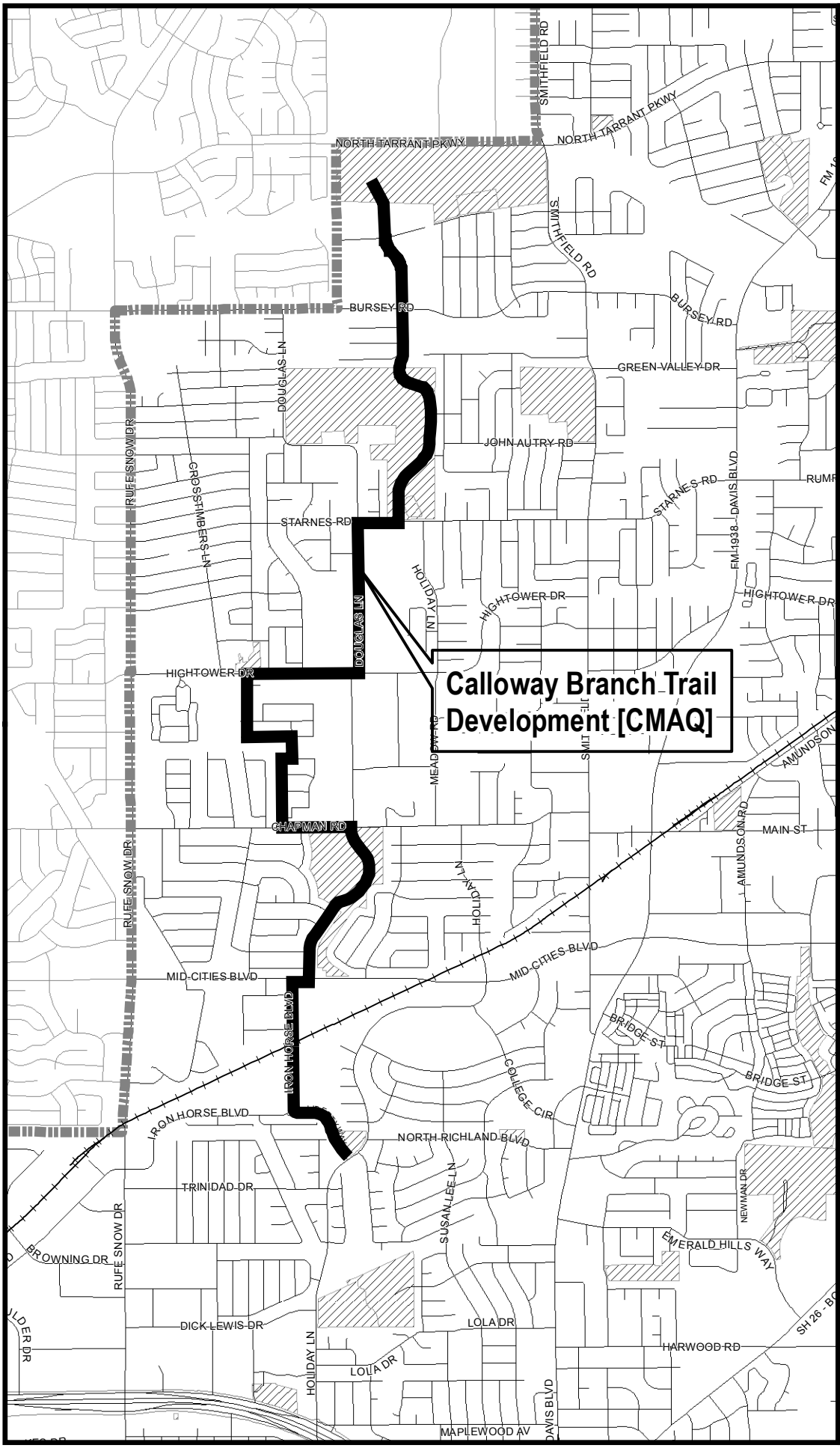
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	5,000	0	0	0	**$5,000**
Engineering/Design					
Land/ROW Acquisition					
Construction	60,000	0	0	0	**$60,000**
Other					
Total Costs	**$65,000**	**$0**	**$0**	**$0**	**$65,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Calloway Branch Trail Development [CMAQ]



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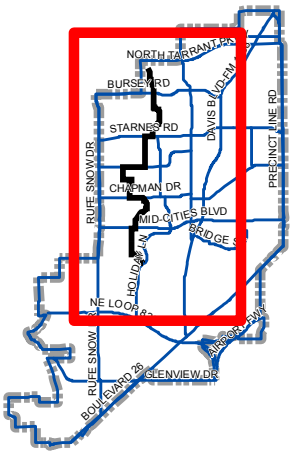
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2500'

01 JUN 15 Standard Maps\CIP P_Calloway Branch Trail.mxd

Information Services Department - GIS

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Calloway Branch Trail Development [CMAQ]	PK9601

Project Description

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.

Project Justification

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.

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: 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.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	04/1996	09/2012
Land/ROW Acquisition		
Construction	04/2013	04/2016
Other		
Total Schedule	**04/1996**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	1996-97	$928,000
Adopted Budget	2012-13	$581,811
Revision	2014-15	($20,000)
Total		**$1,489,811**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	733,120	0	0	0	**$733,120**
Reserves					
Sales Tax	756,691	0	0	0	**$756,691**
Other					
Total Funding	**$1,489,811**	**$0**	**$0**	**$0**	**$1,489,811**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	275,973	0	0	0	**$275,973**
Land/ROW Acquisition					
Construction	1,213,838	0	0	0	**$1,213,838**
Other					
Total Costs	**$1,489,811**	**$0**	**$0**	**$0**	**$1,489,811**

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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$5,068	$5,271	$5,482	$0	$0	$15,821
Total Operating Impact	**$5,068**	**$5,271**	**$5,482**	**$0**	**$0**	**$15,821**

NRH

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	City Wide Trail and Route System Plan	PK1502

Project Description

This project will provide for preparation of a city wide trail and bike route system plan based on an evaluation of connecting off road trails, parks, schools, and transit oriented developments through the on-road transportation system. The requested scope of services will include a system for off road bike route identification and sign design, recommended pavement markings for safe crossings, and identification and design of bike facilities within thouroughfare cross sections which will become an integral part of a city-wide mobility plan.

Project Justification

The popularity of bicycling, walking and running 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 trail system to be a successful community amenity, the trails and routes should be designed to provide safe access, connecting off road trails, parks, schools, and transit oriented developments through the on-road transportation system.

Project funding is from Park Sales Tax.

Project Schedule	Beginning Date	Ending Date
Professional Services	10/2014	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget		$30,000
Total		**$30,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

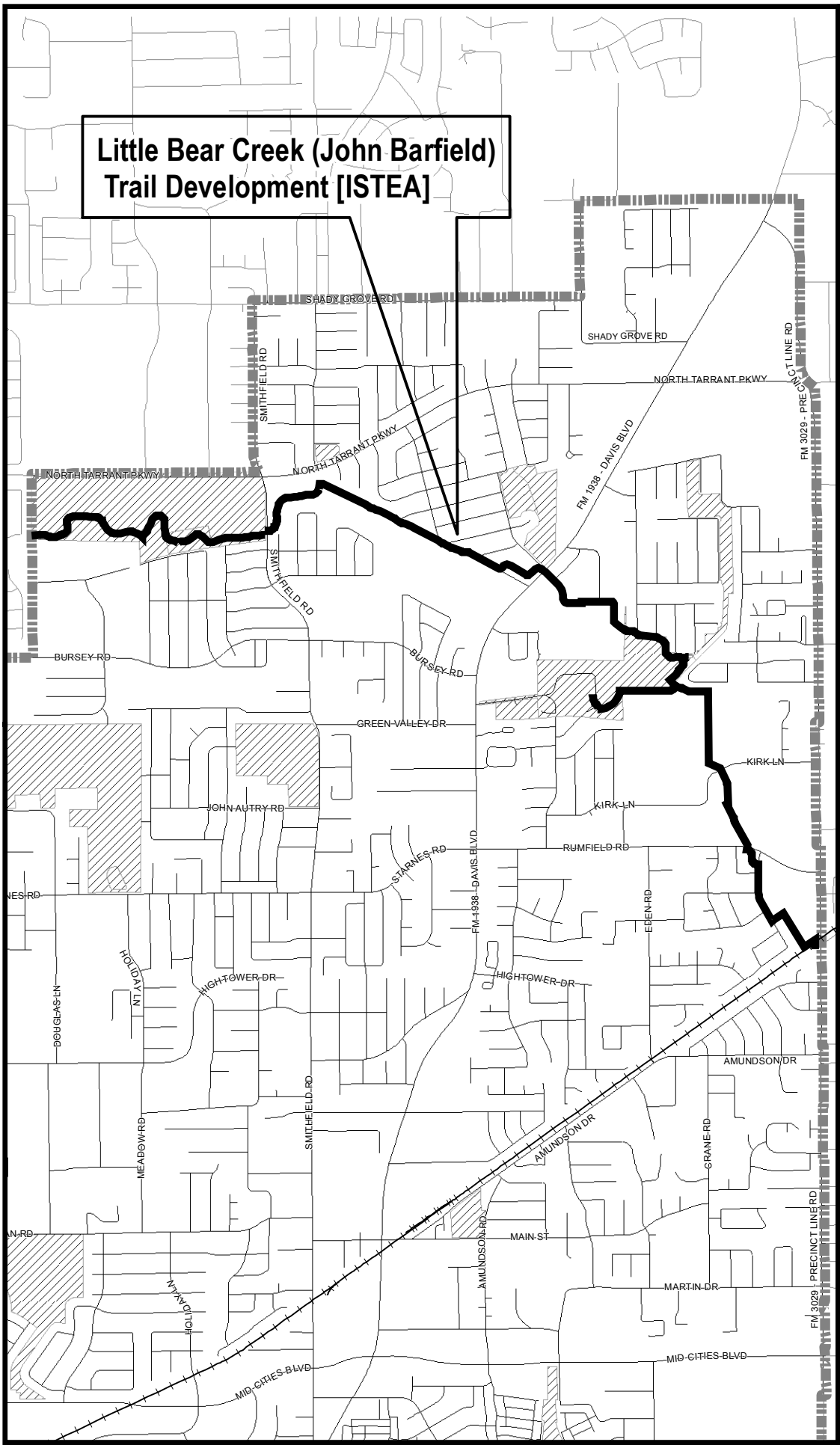
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	30,000	0	0	0	**$30,000**
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$30,000**	**$0**	**$0**	**$0**	**$30,000**

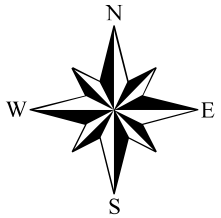
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

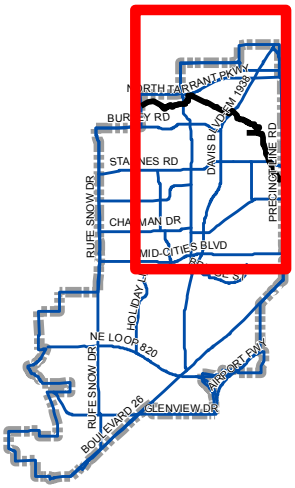
Little Bear Creek Trail Development (John Barfield Trail Development) [ISTEA]





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2250'

01 JUN15 Standard Maps\CIP P_LBC_Barfield Trail development.mxd

Information Services Department - GIS

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 both the City of Keller and the City of Hurst. The John Barfeild 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
Professional Services		
Engineering/Design	04/1996	09/2012
Land/ROW Acquisition		
Construction	04/2013	04/2016
Other		
Total Schedule	**04/1996**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	1995-96	$2,400,000
Adopted Budget	2012-13	$176,612
Adopted Budget	2013-14	$253,808
Total		**$2,830,420**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	**$2,830,420**	**$0**	**$0**	**$0**	**$2,830,420**

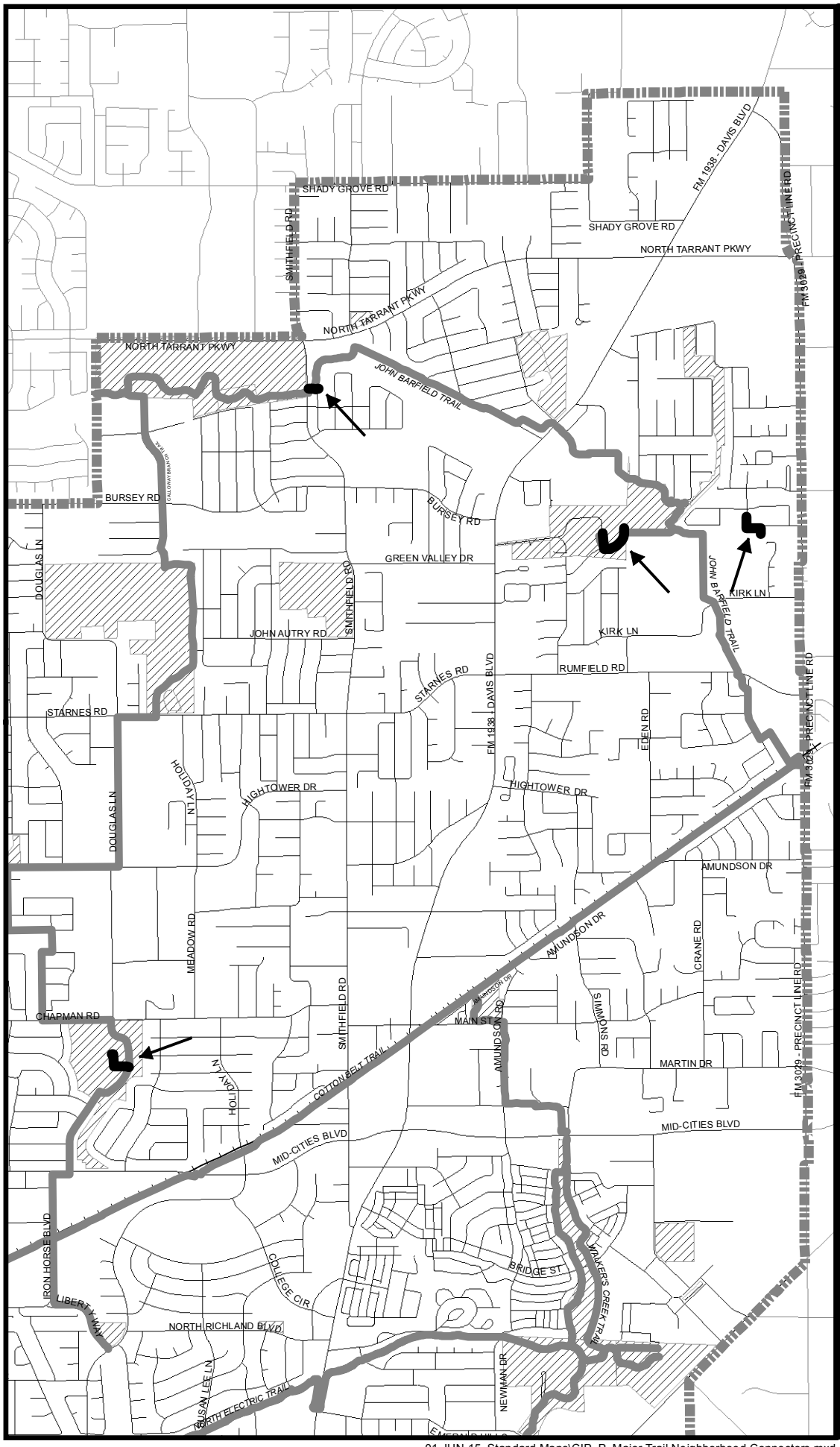
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	495,130	0	0	0	**$495,130**
Land/ROW Acquisition	22,000	0	0	0	**$22,000**
Construction	2,313,290	0	0	0	**$2,313,290**
Other					
Total Costs	**$2,830,420**	**$0**	**$0**	**$0**	**$2,830,420**

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.

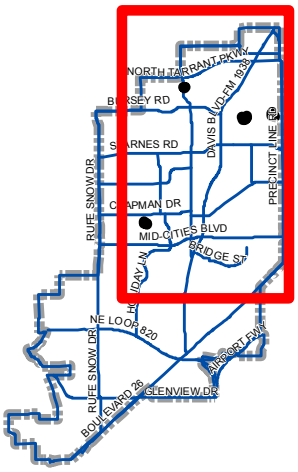
Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$7,803	$7,959	$8,118	$0	$0	$23,880
Total Operating Impact	**$7,803**	**$7,959**	**$8,118**	**$0**	**$0**	**$23,880**

Major Trail Neighborhood Connectors



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2500'

01 JUN 15 Standard Maps\CIP P_Major Trail Neighborhood Connectors.mxd

Information Services Department - GIS

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 expresssed buy 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
Professional Services		
Engineering/Design	10/2014	02/2015
Land/ROW Acquisition		
Construction	04/2015	09/2016
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$133,000
Total		**$133,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	**$133,000**	**$0**	**$0**	**$0**	**$133,000**

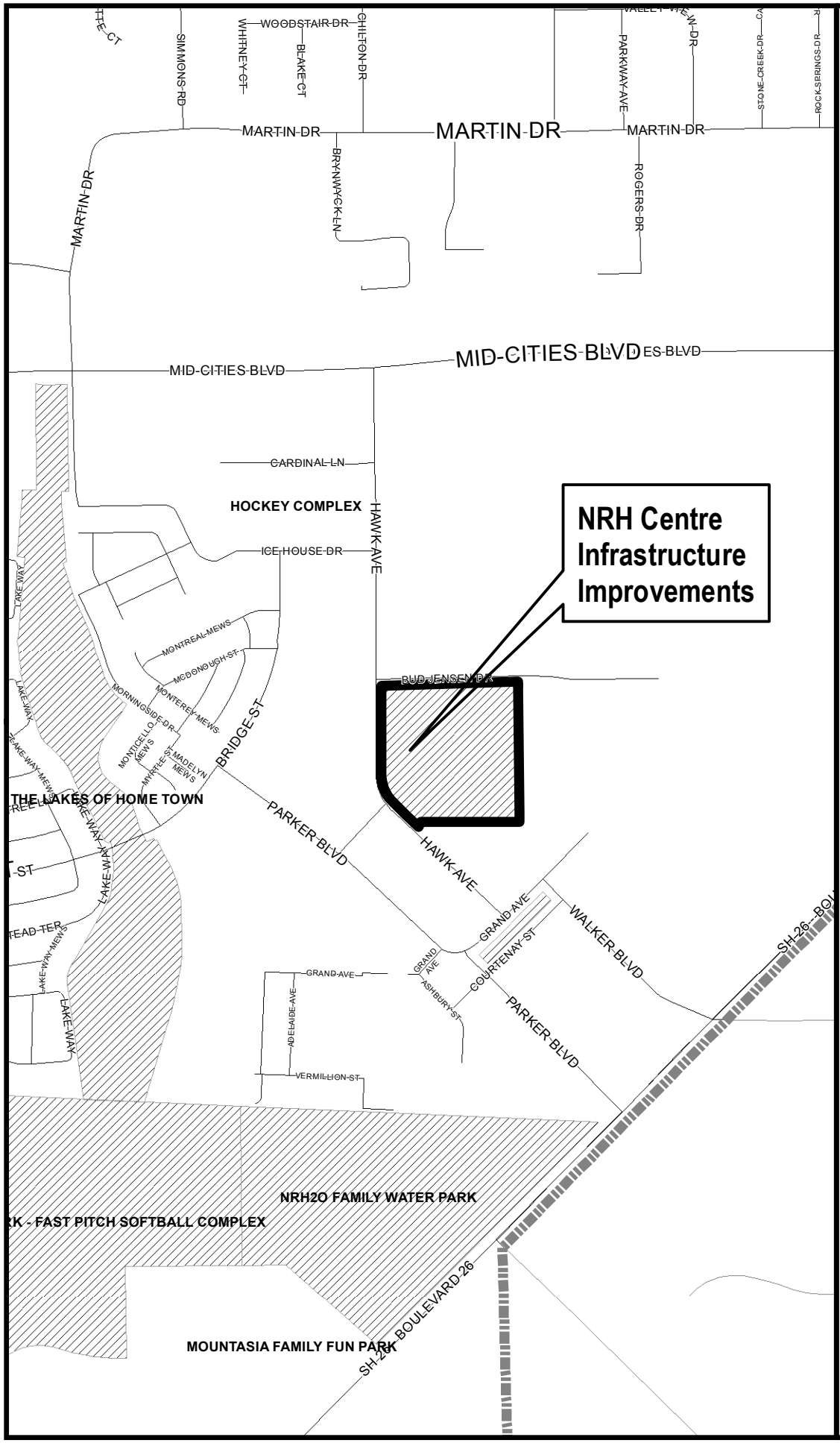
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	13,000	0	0	0	**$13,000**
Engineering/Design					
Land/ROW Acquisition					
Construction	120,000	0	0	0	**$120,000**
Other					
Total Costs	**$133,000**	**$0**	**$0**	**$0**	**$133,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH Centre Infrastructure Improvements (2015)



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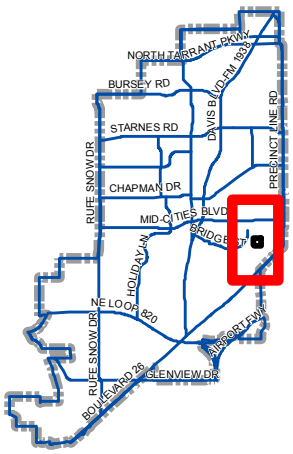
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 700'

01 JUN 15 Standard Maps\CIP P_NRH Centre Infrastructure Imps.mxd

Information Services Department - GIS

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 2014-15 priority will be the installation of safety groove floor traction control to minimize hydroplaning on the poolo 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 proved for 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 captial

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	01/2016
Other		
Total Schedule	**10/2014**	**01/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$25,000
Total		**$25,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	09/2016
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$228,900
Revision	2014-15	$3,697
Total		**$232,597**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

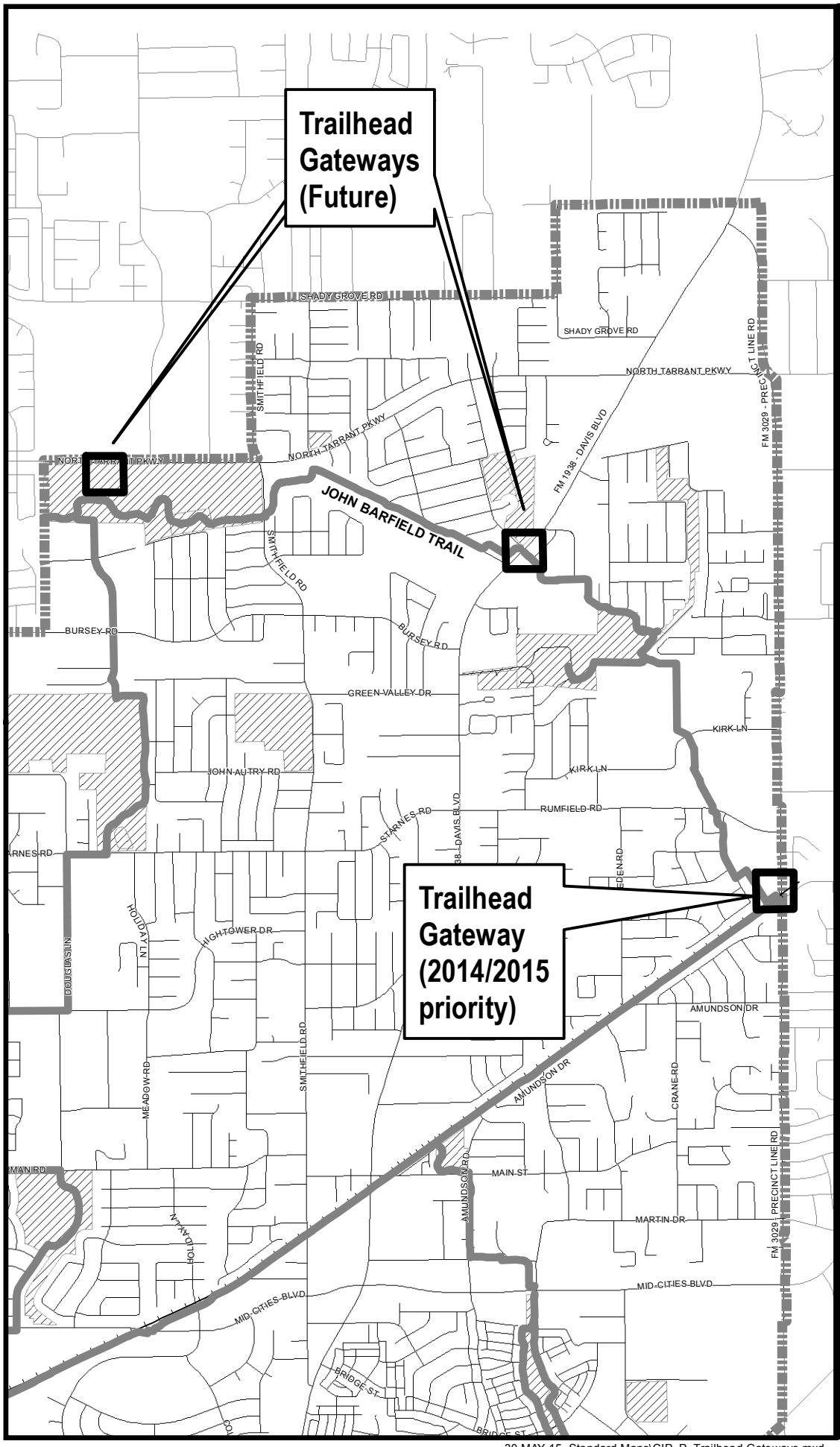
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	232,597	0	0	0	**$232,597**
Other					
Total Costs	**$232,597**	**$0**	**$0**	**$0**	**$232,597**

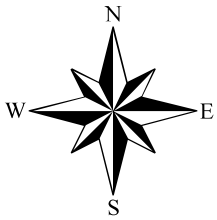
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

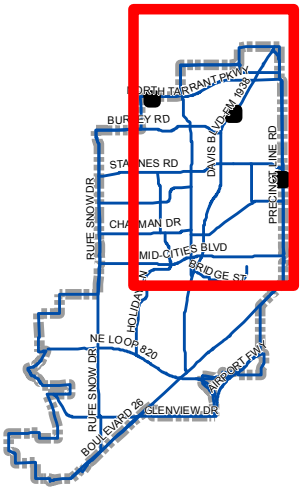
Trailhead Gateways (2015)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2400'

30 MAY 15 Standard Maps\CIP P_Trailhead Gateways.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	10/2014	02/2015
Land/ROW Acquisition	10/2014	12/2014
Construction	04/2015	09/2016
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$130,000
Total		**$130,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

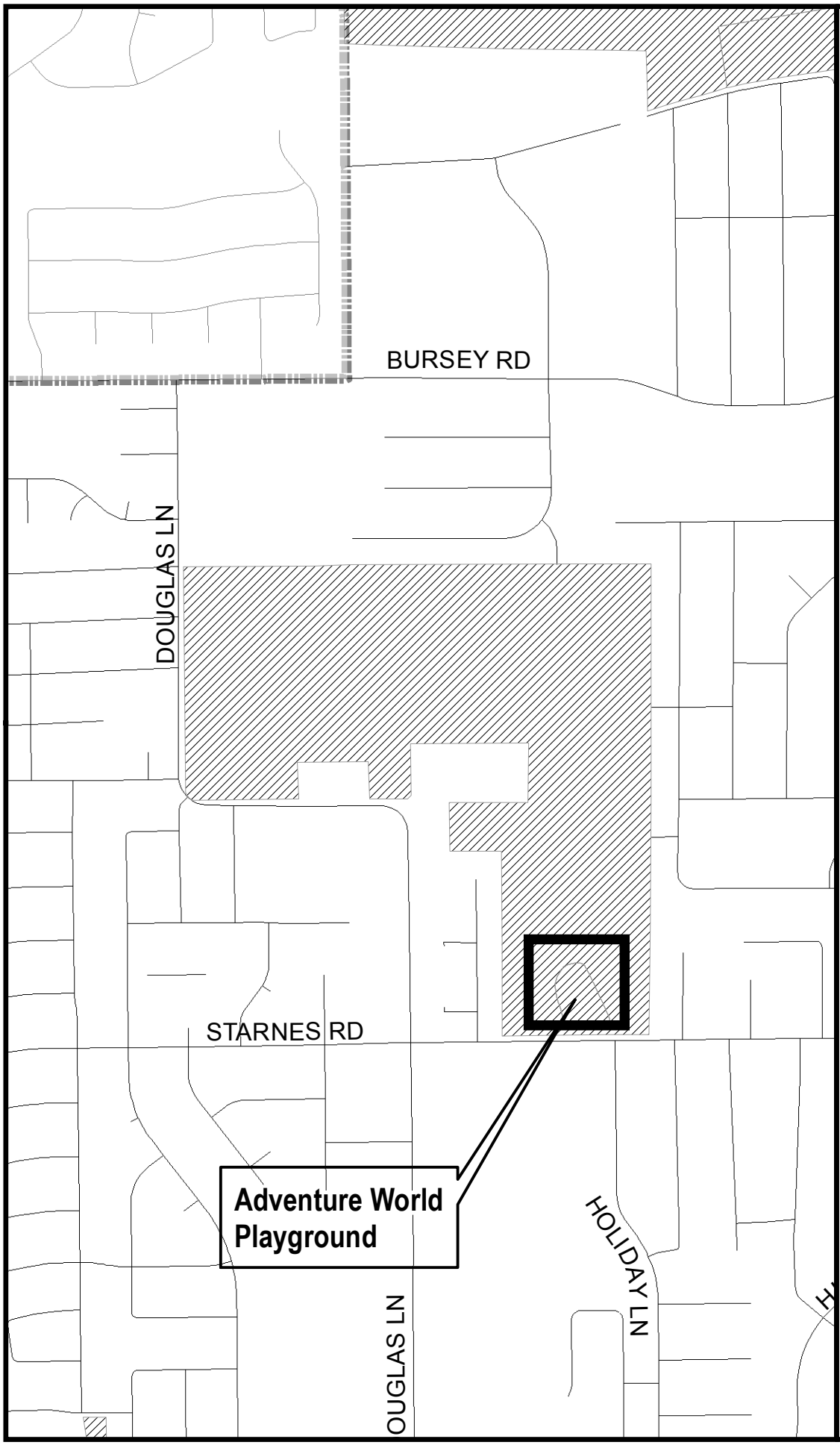
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	20,000	0	0	0	**$20,000**
Land/ROW Acquisition					
Construction	110,000	0	0	0	**$110,000**
Other					
Total Costs	**$130,000**	**$0**	**$0**	**$0**	**$130,000**

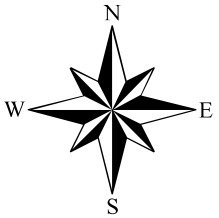
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

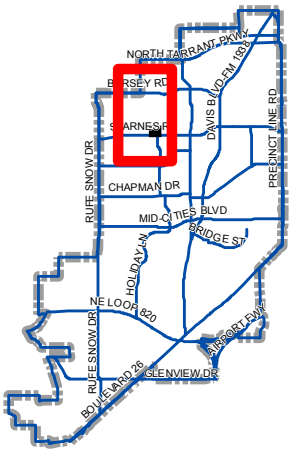
Adventure World Playground Shade





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

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Information Services Department - GIS

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Adventure World Playground Shade	PK1601

Project Description

This project involves the installation of attractive shade structures over the newly renovated Adventure World Playground. Designed to provide shade over the individual groupings of play elements, several free standing shade structures will be introduced into the playground area, all themed to coordinate with and enhance the features, character and colors of the playground elements and amenities.

Project Justification

This project supports the recommendation of adding and providing shade structures throughout the park system as documented in the 2007 Park, Recreation and Open Space Master Plan. Since the adoption of the Master Plan, shade structures have been added to existing playgrounds as funding allowed. Since the grand re-opening of Adventure World in September, 2014, the playground continues to experience tremendous popularity and use.

Project funding sources is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$150,000
Total		**$150,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	150,000	0	0	**$150,000**
Other					
Total Funding	**$0**	**$150,000**	**$0**	**$0**	**$150,000**

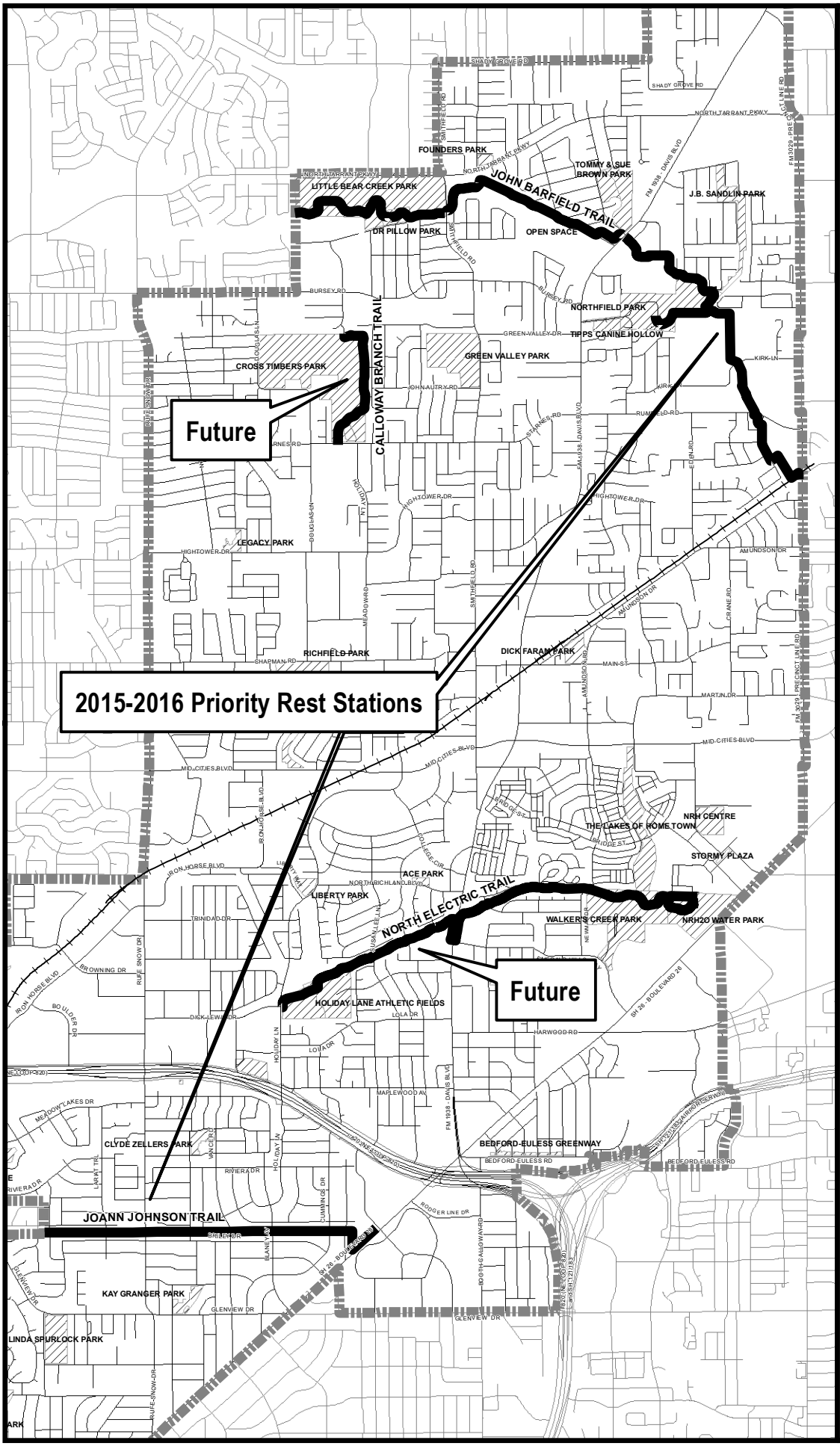
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	150,000	0	0	**$150,000**
Other					
Total Costs	**$0**	**$150,000**	**$0**	**$0**	**$150,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Major Trail Rest Stations



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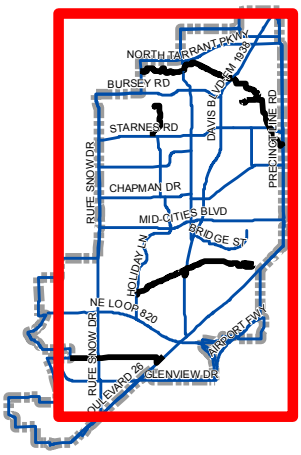
Project Locator Map



Scale: 1" = 3500'

03 JUN 15 Standard Maps\CIP P_Major Trail Rest Stations.mxd

Information Services Department - GIS

Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Major Trail Rest Stations	PK1602

Project Description

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.

Project Justification

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.

Project funding sources is Park Impact Fees.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$55,000
Total		**$55,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other	0	55,000	0	0	**$55,000**
Total Funding	**$0**	**$55,000**	**$0**	**$0**	**$55,000**

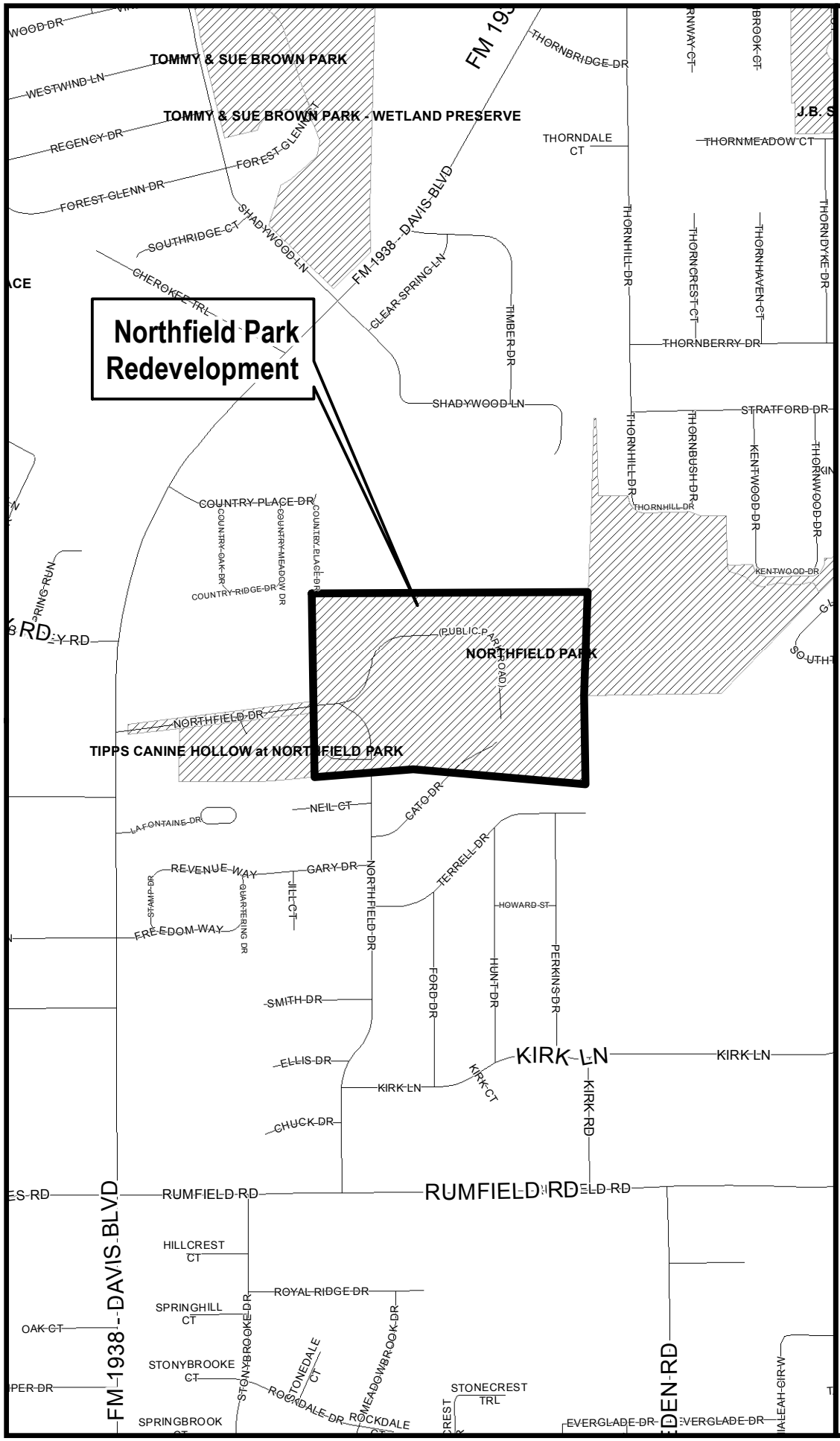
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	55,000	0	0	**$55,000**
Other					
Total Costs	**$0**	**$55,000**	**$0**	**$0**	**$55,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Northfield Park Redevelopment



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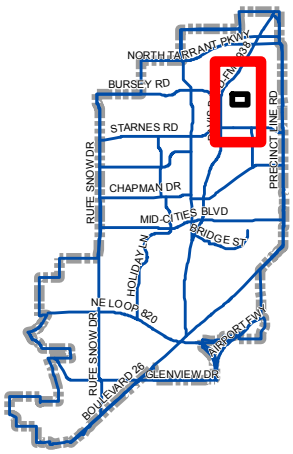
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 700'

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Information Services Department - GIS

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 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. 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 to the west. 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 sources are sales tax for FY16; and Certificates of Obligation in FY17 and FY18

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	09/2016
Land/ROW Acquisition		
Construction	12/2016	12/2017
Other		
Total Schedule	**10/2015**	**12/2017**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$3,697,000
Total		**$3,697,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	0	1,800,000	1,500,000	**$3,300,000**
Federal/State Grants					
Reserves					
Sales Tax	0	397,000	0	0	**$397,000**
Other					
Total Funding	**$0**	**$397,000**	**$1,800,000**	**$1,500,000**	**$3,697,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	397,000	0	0	**$397,000**
Land/ROW Acquisition					
Construction	0	0	1,800,000	1,500,000	**$3,300,000**
Other					
Total Costs	**$0**	**$397,000**	**$1,800,000**	**$1,500,000**	**$3,697,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 an to assist with the protection of our park system's infrastructure.

Project funding sources is Park Sales Tax.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$175,000
Total		**$175,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	175,000	0	0	**$175,000**
Other					
Total Funding	**$0**	**$175,000**	**$0**	**$0**	**$175,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	175,000	0	0	**$175,000**
Other					
Total Costs	**$0**	**$175,000**	**$0**	**$0**	**$175,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 Prks 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 childern to stimulate and promote social interactior 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 agin 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$100,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	100,000	0	0	**$100,000**
Other					
Total Funding	**$0**	**$100,000**	**$0**	**$0**	**$100,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 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, consister 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2018
Other		
Total Schedule	**10/2015**	**09/2018**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$100,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	100,000	173,000	173,000	**$446,000**
Other					
Total Funding	**$0**	**$100,000**	**$173,000**	**$173,000**	**$446,000**

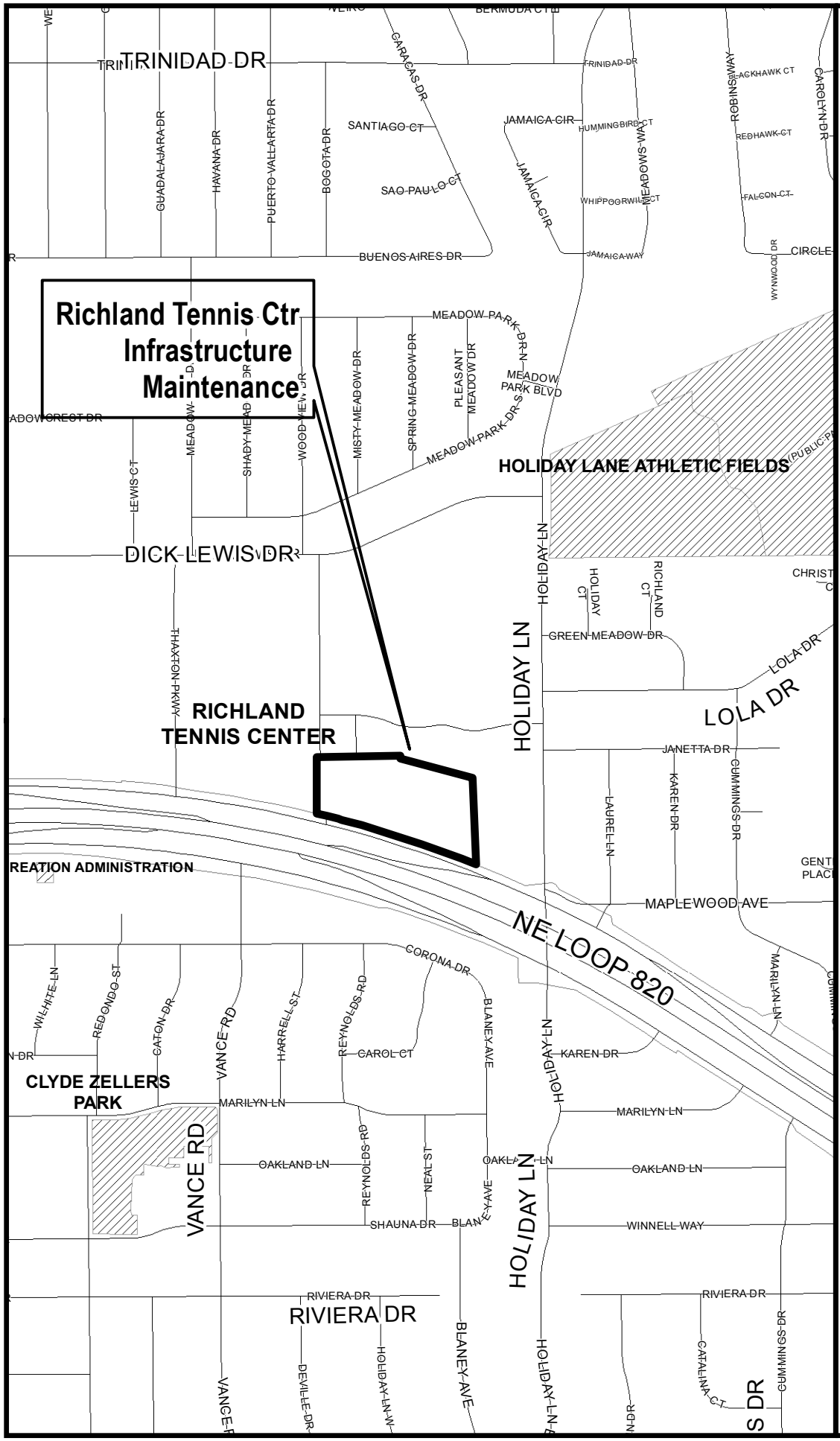
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	100,000	173,000	173,000	**$446,000**
Other					
Total Costs	**$0**	**$100,000**	**$173,000**	**$173,000**	**$446,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Richland Tennis Center Infrastructure Maintenance (2016)



Scale: 1" = 700'

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Information Services Department - GIS

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 2015-201 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 stewarship of property assets by the City on behalf of its citizens.The Richland Tennis Center has experienced outstandin 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$30,000
Total		**$30,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	30,000	0	0	**$30,000**
Other					
Total Funding	**$0**	**$30,000**	**$0**	**$0**	**$30,000**

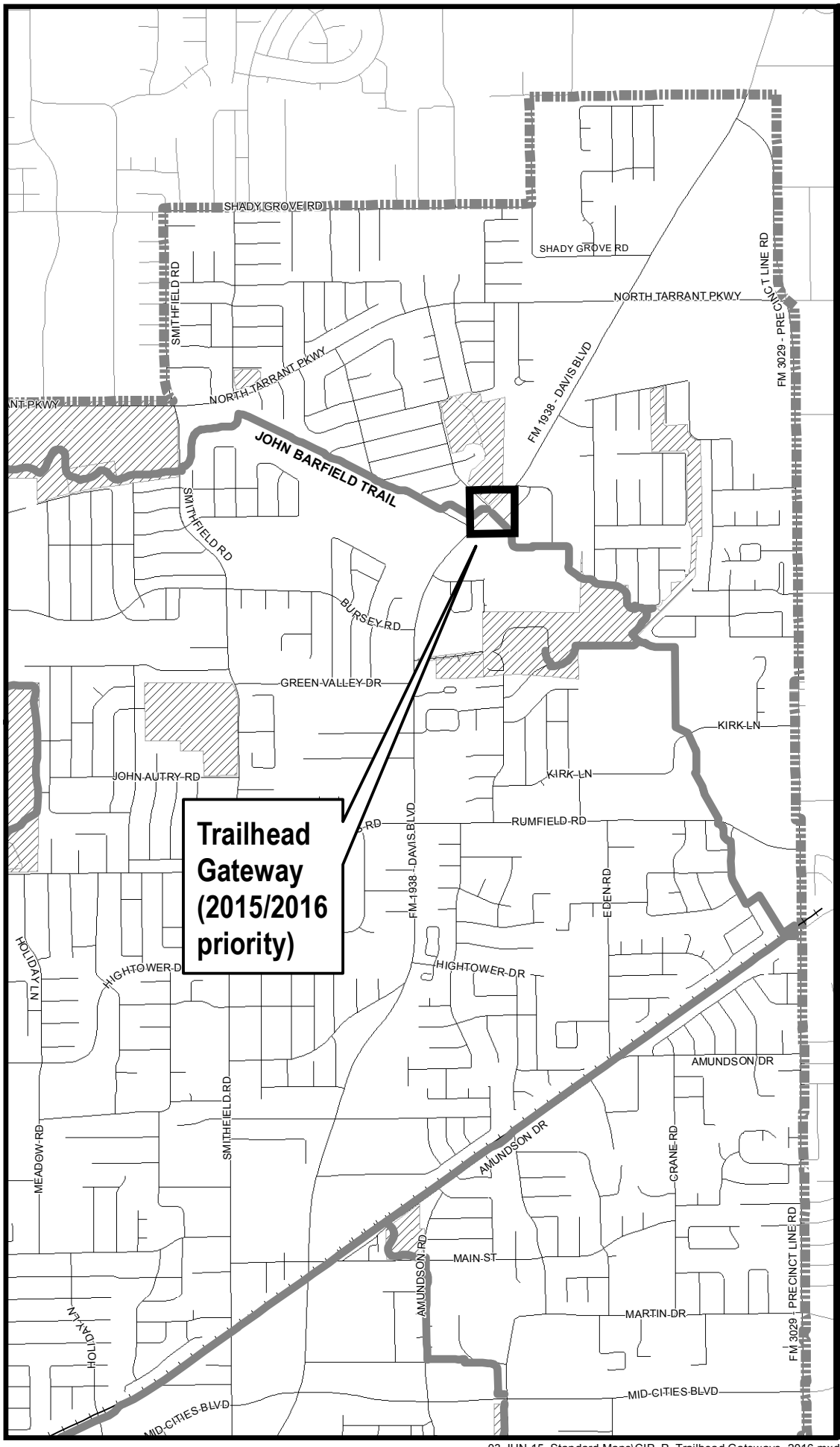
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	30,000	0	0	**$30,000**
Other					
Total Costs	**$0**	**$30,000**	**$0**	**$0**	**$30,000**

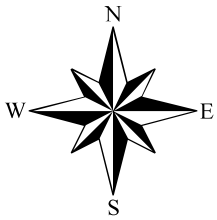
Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

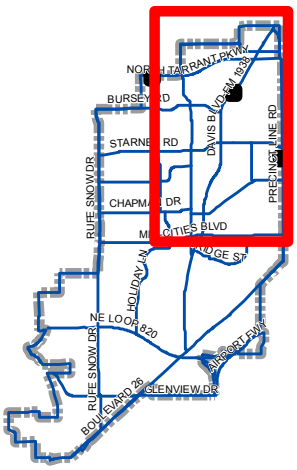
Trailhead Gateways (2016)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 2000'

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Information Services Department - GIS

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 appe 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 a donation from John Barfield.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	01/2016
Land/ROW Acquisition		
Construction	03/2016	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$110,000
Total		**$110,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax	0	20,000	0	0	**$20,000**
Other	0	90,000	0	0	**$90,000**
Total Funding	**$0**	**$110,000**	**$0**	**$0**	**$110,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	15,000	0	0	**$15,000**
Land/ROW Acquisition					
Construction	0	95,000	0	0	**$95,000**
Other					
Total Costs	**$0**	**$110,000**	**$0**	**$0**	**$110,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

NRH20 FAMILY WATERPARK CAPITAL IMPROVEMENT PROGRAM
FY 2015/16 PROPOSED

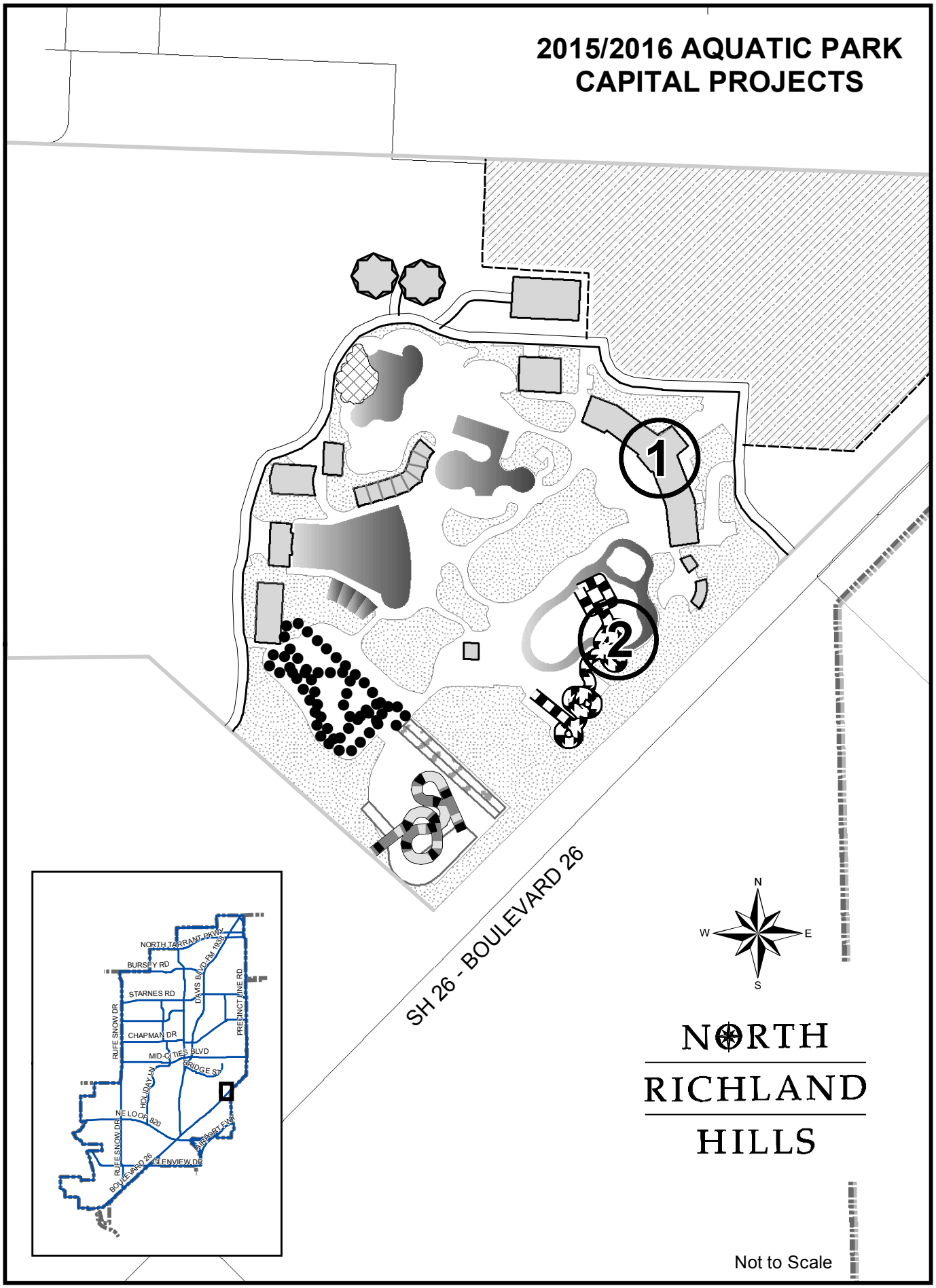
	ACTUAL FY 2011/12	ACTUAL FY 2012/13	ACTUAL FY 2013/14	REVISED FY 2014/15	PROPOSED FY 2015/16	FY 2016/17	FY 2017/18	FY 2018/19	FY 2019/20	FY 2020/21	FY 2021/22	FY 2022/23	FY 2023/24	FY 2024/25
ATTENDANCE	272,322	242,504	241,000	255,000	255,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000
Estimated Beginning Balance	$ -	$ 3,821,762	$ 3,945,209	$ 2,556,095	$ 1,481,095	$ 1,381,095	$ 1,189,062	$ 1,038,441	$ 1,058,106	$ 1,122,981	$ 1,235,250	$ 1,389,828	$ 1,588,729	$ 1,904,648
REVENUES														
OPERATING REVENUES														
Admissions	$ 3,532,245	$ 3,278,623	$ 3,000,518	$ 3,234,779	$ 3,442,029	$ 3,545,290	$ 3,651,649	$ 3,761,198	$ 3,874,034	$ 3,990,255	$ 4,109,963	$ 4,233,262	$ 4,360,259	$ 4,491,067
Food and Beverage	671,052	779,507	741,937	856,669	891,635	918,384	945,936	974,314	1,003,543	1,033,649	1,064,659	1,096,599	1,129,497	1,163,381
Merchandise	159,859	127,047	116,258	133,728	142,087	146,350	150,740	155,262	159,920	164,718	169,659	174,749	179,992	185,391
Rentals	151,442	154,566	139,929	153,458	161,646	166,495	171,490	176,635	181,934	187,392	193,014	198,804	204,768	210,911
Programs	2,810	-	-	-	-	-	-	-	-	-	-	-	-	-
Aquatic Classes / Special Events	11,731	-	2,913	7,881	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 4,529,139	$ 4,339,742	$ 4,001,556	$ 4,386,515	$ 4,637,397	$ 4,776,519	$ 4,919,814	$ 5,067,409	$ 5,219,431	$ 5,376,014	$ 5,537,295	$ 5,703,413	$ 5,874,516	$ 6,050,751
OTHER REVENUES														
Interest Income	$ 7,242	$ 3,506	$ 17,313	$ 9,866	$ 12,600	$ 12,632	$ 12,663	$ 12,695	$ 12,726	$ 12,758	$ 12,790	$ 12,822	$ 12,854	$ 12,886
Other Income	1,103,413	(47,488)	18,414	40,407	17,200	17,630	18,071	18,523	18,986	19,460	19,947	20,445	20,957	21,480
SUB-TOTAL	$ 1,110,656	$ (43,982)	$ 35,727	$ 50,273	$ 29,800	$ 30,262	$ 30,734	$ 31,217	$ 31,712	$ 32,219	$ 32,737	$ 33,268	$ 33,811	$ 34,367
APPROPRIATION OF FUND BALANCE														
Approriation - Fund Balance	$ -	$ 290,477	$ 309,051	$ 575,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Appropriation - PY Encumbrances	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ -	$ 290,477	$ 309,051	$ 575,000	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUB-TOTAL REVENUES	$ 5,639,795	$ 4,586,237	$ 4,346,334	$ 5,011,788	$ 4,667,197	$ 4,806,780	$ 4,950,548	$ 5,098,626	$ 5,251,143	$ 5,408,233	$ 5,570,031	$ 5,736,681	$ 5,908,327	$ 6,085,118
Bond Proceeds	-	-	-	-	2,600,000	-	-	-	-	-	-	-	-	-
Grant Proceeds	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 5,639,795	$ 4,586,237	$ 4,346,334	$ 5,011,788	$ 7,267,197	$ 4,806,780	$ 4,950,548	$ 5,098,626	$ 5,251,143	$ 5,408,233	$ 5,570,031	$ 5,736,681	$ 5,908,327	$ 6,085,118
Adjusting Year End Entries	-	(290,477)	(309,051)	(575,000)	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUES	$ 5,639,795	$ 4,295,760	$ 4,037,283	$ 4,436,788	$ 7,267,197	$ 4,806,780	$ 4,950,548	$ 5,098,626	$ 5,251,143	$ 5,408,233	$ 5,570,031	$ 5,736,681	$ 5,908,327	$ 6,085,118
EXPENSES														
OPERATING														
General Services & Utilities	$ 787,198	$ 755,156	$ 797,200	$ 824,577	$ 903,246	$ 930,343	$ 958,254	$ 987,001	$ 1,016,611	$ 1,047,110	$ 1,078,523	$ 1,110,879	$ 1,144,205	$ 1,178,531
Public Grounds / Aquatic / Maint.	1,311,040	1,151,316	1,117,098	1,161,611	1,226,141	1,262,925	1,300,813	1,339,837	1,380,032	1,421,433	1,464,076	1,507,999	1,553,239	1,599,836
Business & Office Administration	514,872	522,527	538,927	585,840	589,995	607,695	625,926	644,703	664,045	683,966	704,485	725,619	747,388	769,810
Gift Shop / Concessions	606,456	602,371	516,169	550,598	595,592	613,460	631,864	650,819	670,344	690,454	711,168	732,503	754,478	777,112
Sales / Special Events / Admissions	319,643	262,807	243,275	259,865	270,282	278,390	286,742	295,344	304,205	313,331	322,731	332,413	342,385	352,657
SUB-TOTAL	$ 3,539,210	$ 3,294,177	$ 3,212,669	$ 3,382,491	$ 3,585,256	$ 3,692,814	$ 3,803,598	$ 3,917,706	$ 4,035,237	$ 4,156,294	$ 4,280,983	$ 4,409,413	$ 4,541,695	$ 4,677,946
OTHER & RESERVES														
Debt Service - Revenue Bonds	$ 2,009,318	$ 1,050,492	$ 873,487	$ 771,316	$ 693,718	$ 672,130	$ 656,906	$ 513,433	$ 495,683	$ 476,412	$ 462,912	$ 448,102	$ 361,323	$ 349,126
Indirect Costs	130,560	137,088	143,942	151,139	158,696	163,457	168,361	173,411	178,614	183,972	189,491	195,176	201,031	207,062
Transfer Out - PARD	68,141	71,548	75,125	77,379	81,248	83,685	86,196	88,782	91,445	94,189	97,014	99,925	102,923	106,010
Reserve for:														
Transfer to Capital Projects	-	-	-	575,000	-	-	-	-	-	-	-	-	-	-
Infrastructure & Major Repairs	-	-	-	14,188	104,436	107,569	110,796	114,120	117,544	121,070	124,702	128,443	132,296	136,265
Non Departmental	50,882	32,932	41,111	40,275	43,843	45,158	46,513	47,908	49,346	50,826	52,351	53,921	55,539	57,205
SUB-TOTAL	$ 2,258,900	$ 1,292,060	$ 1,133,665	$ 1,629,297	$ 1,081,941	$ 1,072,000	$ 1,068,772	$ 937,655	$ 932,631	$ 926,469	$ 926,471	$ 925,567	$ 853,112	$ 855,669
SUB-TOTAL EXPENSES	$ 5,798,110	$ 4,586,237	$ 4,346,334	$ 5,011,788	$ 4,667,197	$ 4,764,813	$ 4,872,370	$ 4,855,361	$ 4,967,869	$ 5,082,763	$ 5,207,454	$ 5,334,980	$ 5,394,807	$ 5,533,615
Future Debt	-	-	-	-	-	234,000	228,800	223,600	218,400	213,200	208,000	202,800	197,600	192,400
Capital Maintenance	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 5,798,110	$ 4,586,237	$ 4,346,334	$ 5,011,788	$ 4,667,197	$ 4,998,813	$ 5,101,170	$ 5,078,961	$ 5,186,269	$ 5,295,963	$ 5,415,454	$ 5,537,780	$ 5,592,407	$ 5,726,015
Adjusting Year End Entries	530,986	(449,913)	870,963	-	-	-	-	-	-	-	-	-	-	-
EXPENSE TOTAL	$ 6,329,096	$ 4,136,324	$ 5,217,297	$ 5,011,788	$ 4,667,197	$ 4,998,813	$ 5,101,170	$ 5,078,961	$ 5,186,269	$ 5,295,963	$ 5,415,454	$ 5,537,780	$ 5,592,407	$ 5,726,015
CHANGE IN NET ASSETS	$ (689,301)	$ 159,436	$ (1,180,014)	$ (575,000)	$ 2,600,000	$ (192,033)	$ (150,622)	$ 19,665	$ 64,875	$ 112,269	$ 154,578	$ 198,901	$ 315,919	$ 359,103
Park Improvements / Acquisition of Capital Assets	-	(35,989)	(209,100)	(500,000)	(2,700,000)	-	-	-	-	-	-	-	-	-
Net Increase / (Decrease) in Cash & Cash Equivalents	$ (689,301)	$ 123,447	$ (1,389,114)	$ (1,075,000)	$ (100,000)	$ (192,033)	$ (150,622)	$ 19,665	$ 64,875	$ 112,269	$ 154,578	$ 198,901	$ 315,919	$ 359,103
Unrestricted Fund Balance at Beginning of Year	4,511,063	3,821,762	3,945,209	2,556,095	1,481,095	1,381,095	1,189,062	1,038,441	1,058,106	1,122,981	1,235,250	1,389,828	1,588,729	1,904,648
Unrestricted Fund Balance at End of Year	3,821,762	3,945,209	2,556,095	1,481,095	1,381,095	1,189,062	1,038,441	1,058,106	1,122,981	1,235,250	1,389,828	1,588,729	1,904,648	2,263,751

NRH

Schedule 5
Aquatic Park Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
191	-	General Facility Improvements (2015)	100,000	0	0	0	$ 100,000
192	1	NRH2O Facility Enhancements and Improvements	200,000	0	0	0	$ 200,000
193	-	NRH2O Parking Lot Improvements	75,000	0	0	0	$ 75,000
194	-	NRH2O Slide Tower Replacement	200,000	2,600,000	0	0	$ 2,800,000
Total Continuing Projects			$ 575,000	$ 2,600,000	$ 0	$ 0	$ 3,175,000
New Projects							
195	-	General Facility Improvements (2016)	0	100,000	0	0	$ 100,000
Total New Projects			$ 0	$ 100,000	$ 0	$ 0	$ 100,000
Total Project Costs			$ 575,000	$ 2,700,000	$ 0	$ 0	$ 3,275,000
Funding Sources							
Certificates of Obligation							
		Aquatic Revenue Bonds, Future Issuance	0	2,600,000	0	0	2,600,000
Total Certificates of Obligation			$ 0	$ 2,600,000	$ 0	$ 0	$ 2,600,000
Reserves							
			0	100,000	0	0	100,000
		Aquatic Park Infrastructure Reserve	575,000	0	0	0	575,000
Total Reserves			$ 575,000	$ 100,000	$ 0	$ 0	$ 675,000
Total Sources of Funds			$ 575,000	$ 2,700,000	$ 0	$ 0	$ 3,275,000

2015/2016 AQUATIC PARK CAPITAL PROJECTS



Aquatic Park Capital Projects

Department	Project Title	Project Number
Aquatic Park	General Facility Improvements (2015)	WP1501

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 unforseen 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 replace lights with energy efficient LED lighting. This also supports the "Green Initiative" undertaken by waterpark staff.

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.

Funding source is Aquatic Park Infrastructure Reserves.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2014	04/2016
Other		
Total Schedule	**10/2014**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$100,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services	10/2014	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction	01/2015	05/2015
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$200,000
Total		**$200,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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 Parking Lot Improvements	WP1504

Project Description

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 Justification

The developer of the proposed commercial property on the north side of the parking lot at NRH2O recently announced their plans to begin construction of their new development later this year. The re-configuration of the NRH2O parking lot is necessary to accommodate their development plans.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	09/2015	12/2015
Other		
Total Schedule	**09/2015**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$75,000
Total		**$75,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	75,000	0	0	0	**$75,000**
Other					
Total Costs	**$75,000**	**$0**	**$0**	**$0**	**$75,000**

Operating Impact

No operating impact

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 -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
Professional Services		
Engineering/Design	10/2014	01/2015
Land/ROW Acquisition		
Construction	01/2015	05/2016
Other		
Total Schedule	**10/2014**	**05/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$2,800,000
Total		**$2,800,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	2,600,000	0	0	**$2,600,000**
Federal/State Grants					
Reserves	200,000	0	0	0	**$200,000**
Sales Tax					
Other					
Total Funding	**$200,000**	**$2,600,000**	**$0**	**$0**	**$2,800,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	200,000	0	0	0	**$200,000**
Land/ROW Acquisition					
Construction	0	2,600,000	0	0	**$2,600,000**
Other					
Total Costs	**$200,000**	**$2,600,000**	**$0**	**$0**	**$2,800,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 unforseen 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 resurfacting 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 Initative" 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$100,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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. Potential increase in revenue with addition of food cart.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

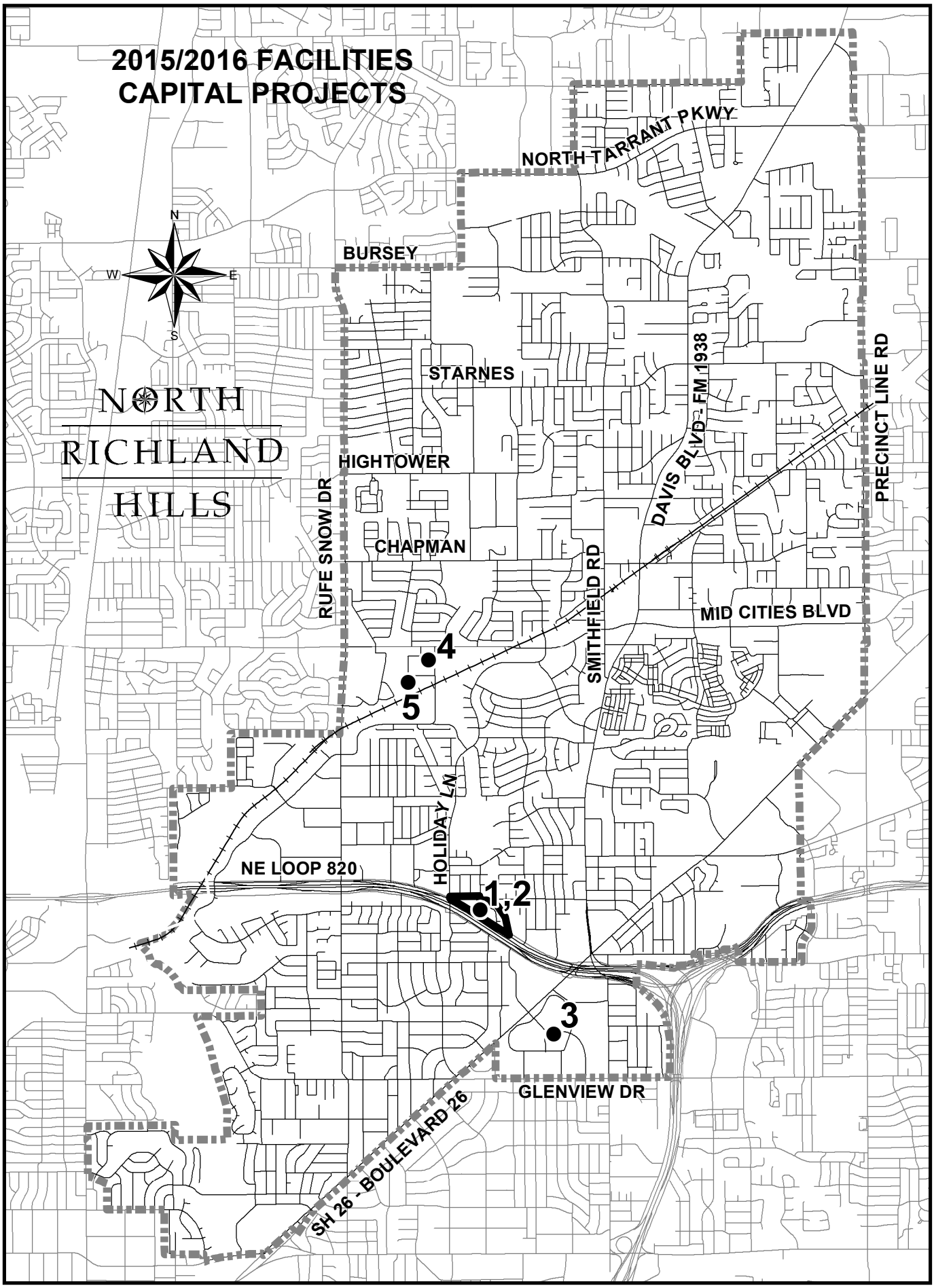
FACILITIES & CONSTRUCTION SERVICES MULTI-YEAR PLAN
FY 2015/16 PROPOSED

	ACTUAL FY 2011/12	ACTUAL FY 2012/13	ACTUAL FY 2013/14	REVISED FY 2014/15	PROPOSED FY 2015/16	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
REVENUES														
Estimated Beginning Balance	$ 835,563	$ 1,146,280	$ 1,292,161	$ 1,516,034	$ 1,541,897	$ 1,562,987	$ 1,567,127	$ 1,567,167	$ 1,571,482	$ 1,585,440	$ 1,610,612	$ 1,644,188	$ 1,682,800	$ 1,726,579
CHARGES FOR SERVICE														
Transfer From:														
General Fund	$ 673,270	$ 678,270	$ 705,401	$ 737,070	$ 848,774	$ 882,725	$ 918,034	$ 945,575	$ 973,942	$ 1,003,160	$ 1,033,255	$ 1,064,253	$ 1,096,181	$ 1,129,066
Parks & Recreation Dev. Fund	304,075	430,050	331,300	320,000	360,750	375,180	390,187	401,893	413,950	426,369	439,160	452,335	465,905	479,882
Utility Fund	1,436,074	1,436,074	1,493,517	1,598,063	1,752,816	1,822,929	1,895,846	1,952,721	2,011,303	2,071,642	2,133,791	2,197,805	2,263,739	2,331,651
SUB-TOTAL	$ 2,413,419	$ 2,544,394	$ 2,530,218	$ 2,655,133	$ 2,962,340	$ 3,080,834	$ 3,204,067	$ 3,300,189	$ 3,399,195	$ 3,501,171	$ 3,606,206	$ 3,714,393	$ 3,825,825	$ 3,940,599
OTHER REVENUES														
Miscellaneous Income	$ -	$ -	$ 25	$ 27,789	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Interest Income	2,249	23,427	7,050	10,473	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800	11,800
Rent From Rental Properties	67,855	72,820	63,240	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000	78,000
Other Income	26,491	23,253	20,733	13,500	13,500	13,534	13,568	13,602	13,636	13,670	13,704	13,738	13,772	13,806
Transfer from General Fund	20,331	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 116,926	$ 119,500	$ 91,048	$ 129,762	$ 103,300	$ 103,334	$ 103,368	$ 103,402	$ 103,436	$ 103,470	$ 103,504	$ 103,538	$ 103,572	$ 103,606
APPROPRIATION OF FUND BALANCE														
Building Services Fund Reserves	$ -	$ -	$ 40,000	$ 240,485	$ 15,356	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
Appropriation - PY Encumbrances	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ -	$ -	$ 40,000	$ 240,485	$ 15,356	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -	$ -
SUB-TOTAL REVENUES	$ 2,530,345	$ 2,663,894	$ 2,661,266	$ 3,025,380	$ 3,080,996	$ 3,184,168	$ 3,307,435	$ 3,403,591	$ 3,502,631	$ 3,604,641	$ 3,709,710	$ 3,817,931	$ 3,929,397	$ 4,044,205
C.O. Bond Proceeds	42,215	-	-	-	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 2,572,560	$ 2,663,894	$ 2,661,266	$ 3,025,380	$ 3,080,996	$ 3,184,168	$ 3,307,435	$ 3,403,591	$ 3,502,631	$ 3,604,641	$ 3,709,710	$ 3,817,931	$ 3,929,397	$ 4,044,205
Adjusting Year End Entries	(554)	(3,869)	(40,000)	-	-	-	-	-	-	-	-	-	-	-
TOTAL REVENUES	$ 2,572,006	$ 2,660,025	$ 2,621,266	$ 3,025,380	$ 3,080,996	$ 3,184,168	$ 3,307,435	$ 3,403,591	$ 3,502,631	$ 3,604,641	$ 3,709,710	$ 3,817,931	$ 3,929,397	$ 4,044,205
EXPENSES														
General Services	$ 245,753	$ 254,699	$ 322,209	$ 322,247	$ 330,194	$ 340,101	$ 350,303	$ 360,812	$ 371,635	$ 382,785	$ 394,267	$ 406,095	$ 418,278	$ 430,827
Building Servcies	1,776,696	1,809,079	1,856,409	2,288,600	2,465,505	2,539,473	2,615,655	2,694,126	2,774,952	2,858,200	2,943,947	3,032,266	3,123,235	3,216,932
Rental Property Program	47,778	49,859	38,991	56,910	56,910	58,618	60,377	62,189	64,055	65,977	67,956	69,995	72,094	74,257
Transfer to Capital Budget	109,700	322,099	127,420	294,000	165,000	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 2,179,927	$ 2,435,736	$ 2,345,029	$ 2,961,757	$ 3,017,609	$ 2,938,192	$ 3,026,335	$ 3,117,127	$ 3,210,642	$ 3,306,962	$ 3,406,170	$ 3,508,356	$ 3,613,607	$ 3,722,016
OTHER & RESERVES														
Debt Service	$ 20,206	$ 20,752	$ 25,409	$ 24,670	$ 27,399	$ 26,193	$ 24,636	$ 14,904	$ 9,922	$ 3,494	$ -	$ -	$ -	$ -
Other	10,224	11,258	12,860	13,090	14,898	15,643	16,424	17,245	18,109	19,014	19,964	20,963	22,011	23,110
Reserve for Rental Property	20,077	22,961	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090	21,090
SUB-TOTAL	$ 50,507	$ 54,971	$ 59,359	$ 58,850	$ 63,387	$ 62,926	$ 62,150	$ 53,239	$ 49,121	$ 43,598	$ 41,054	$ 42,053	$ 43,101	$ 44,200
SUB-TOTAL EXPENSES	$ 2,230,434	$ 2,490,707	$ 2,404,388	$ 3,020,607	$ 3,080,996	$ 3,001,118	$ 3,088,485	$ 3,170,366	$ 3,259,763	$ 3,350,560	$ 3,447,224	$ 3,550,409	$ 3,656,708	$ 3,766,216
Future Debt	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Capital Maintenance	42,215	5,871	-	-	-	200,000	240,000	250,000	250,000	250,000	250,000	250,000	250,000	250,000
SUB-TOTAL	$ 2,272,649	$ 2,496,578	$ 2,404,388	$ 3,020,607	$ 3,080,996	$ 3,201,118	$ 3,328,485	$ 3,420,366	$ 3,509,763	$ 3,600,560	$ 3,697,224	$ 3,800,409	$ 3,906,708	$ 4,016,216
Adjusting Year End Entries	(11,360)	17,566	(6,995)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)	(21,090)
EXPENSE TOTAL	$ 2,261,289	$ 2,514,144	$ 2,397,393	$ 2,999,517	$ 3,059,906	$ 3,180,028	$ 3,307,395	$ 3,399,276	$ 3,488,673	$ 3,579,470	$ 3,676,134	$ 3,779,319	$ 3,885,618	$ 3,995,126
REVENUE LESS DEBT, ADMIN & OPERATING COSTS	$ 310,717	$ 145,881	$ 223,873	$ 25,863	$ 21,090	$ 4,140	$ 40	$ 4,315	$ 13,958	$ 25,172	$ 33,576	$ 38,612	$ 43,779	$ 49,079
Estimated Remaining Unrestricted Fund Balance	$ 1,146,280	$ 1,292,161	$ 1,516,034	$ 1,541,897	$ 1,562,987	$ 1,567,127	$ 1,567,167	$ 1,571,482	$ 1,585,440	$ 1,610,612	$ 1,644,188	$ 1,682,800	$ 1,726,579	$ 1,775,658

NRH

Schedule 6
Facilities Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
201	1	820 Widening - City Hall Modifications	1,050,000	0	0	0	$ 1,050,000
202	2	820 Widening - Professional Services	300,000	0	0	0	$ 300,000
203	3	City Hall (Municipal Government Complex)	69,229,337	0	0	0	$ 69,229,337
204	-	Loop 820 Expansion Preparation	213,031	0	0	0	$ 213,031
205	4	NRH Animal Adoption & Rescue Center - New Facility	4,400,000	0	0	0	$ 4,400,000
Total Continuing Projects			$ 75,192,368	$ 0	$ 0	$ 0	$ 75,192,368
New Projects							
206	5	Building Envelope / Roof Replacement	0	165,000	0	0	$ 165,000
Total New Projects			$ 0	$ 165,000	$ 0	$ 0	$ 165,000
Total Project Costs			$ 75,192,368	$ 165,000	$ 0	$ 0	$ 75,357,368
Funding Sources							
General Obligation Bonds							
G.O. Bonds 2003 Program			1,550,000	0	0	0	1,550,000
G.O. Bonds 2012 Program			48,000,000	0	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	0	20,070,000
Total Certificates of Obligation			$ 20,070,000	$ 0	$ 0	$ 0	$ 20,070,000
Reserves							
Building Services Fund Reserve			0	165,000	0	0	165,000
General Fund Designated Reserves			1,350,000	0	0	0	1,350,000
Pay-As-You-Go Reserves for Capital Improvements			555,000	0	0	0	555,000
Total Reserves			$ 1,905,000	$ 165,000	$ 0	$ 0	$ 2,070,000
Other							
Animal Control Fund Raising Campaign			1,075,000	0	0	0	1,075,000
Other			2,379,337	0	0	0	2,379,337
North Tarrant Express ROW Proceeds			213,031	0	0	0	213,031
Total Other			$ 3,667,368	$ 0	$ 0	$ 0	$ 3,667,368
Total Sources of Funds			$ 75,192,368	$ 165,000	$ 0	$ 0	$ 75,357,368



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City of North Richland Hills, Information Services - GIS Division

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition	10/2007	10/2015
Construction		
Other		
Total Schedule	**10/2007**	**10/2015**

History	Fiscal Year	Amount
Original Budget	2007-08	$650,000
Revision	2008-09	$400,000
Total		**$1,050,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services	10/2008	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction	03/2012	10/2012
Other		
Total Schedule	**10/2008**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2008-09	$300,000
Total		**$300,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	**$300,000**	**$0**	**$0**	**$0**	**$300,000**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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 $68,500,000. 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 $1,650,000 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
Professional Services	07/2012	09/2016
Engineering/Design	07/2012	09/2016
Land/ROW Acquisition	06/2012	02/2013
Construction	12/2013	09/2016
Other		
Total Schedule	**06/2012**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$70,000,000
Revision	2013-14	($770,663)
Total		**$69,229,337**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2,379,337	0	0	0	**$2,379,337**
Total Funding	**$69,229,337**	**$0**	**$0**	**$0**	**$69,229,337**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-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	58,645,756	0	0	0	**$58,645,756**
Other	5,194,599	0	0	0	**$5,194,599**
Total Costs	**$69,229,337**	**$0**	**$0**	**$0**	**$69,229,337**

Operating Impact

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

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services	11/2011	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction	03/2012	09/2016
Other		
Total Schedule	**11/2011**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$103,520
Revision	2012-13	$109,511
Total		**$213,031**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services	04/2006	12/2014
Engineering/Design	12/2006	12/2014
Land/ROW Acquisition		
Construction	02/2014	02/2016
Other		
Total Schedule	**04/2006**	**02/2016**

History	Fiscal Year	Amount
Original Budget	2002-03	$3,000,000
Revision	2009-10	$14,760
Revision	2011-12	$399,090
Revision	2013-14	$986,150
Total		**$4,400,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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	Building Envelope / Roof Replacement	FC1601

Project Description

Complete replacement of the roof system at Facilities & Construction / Fleet Facility ($165,000).

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	09/2016
Other		
Total Schedule	**10/2015**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$165,000
Total		**$165,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	165,000	0	0	**$165,000**
Sales Tax					
Other					
Total Funding	**$0**	**$165,000**	**$0**	**$0**	**$165,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	165,000	0	0	**$165,000**
Other					
Total Costs	**$0**	**$165,000**	**$0**	**$0**	**$165,000**

Operating Impact

No operating impact expected.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

FLEET SERVICES MULTI-YEAR PLAN
FY 2015/16 PROPOSED

	ACTUAL FY 2011/12	ACTUAL FY 2012/13	ACTUAL FY 2013/14	REVISED FY 2014/15	PROPOSED FY 2015/16	PROPOSED FY 2016/17	PROPOSED FY 2017/18	PROPOSED FY 2018/19	PROPOSED FY 2019/20	PROPOSED FY 2020/21	PROPOSED FY 2021/22	PROPOSED FY 2022/23	PROPOSED FY 2023/24	PROPOSED FY 2024/25
REVENUES														
Estimated Beginning Balance	$ 1,162,183	$ 2,003,797	$ 1,848,266	$ 1,705,578	$ 1,314,559	$ 1,323,833	$ 1,510,640	$ 1,515,376	$ 1,571,889	$ 843,332	$ 1,011,130	$ 1,613,598	$ 1,994,908	$ 2,560,922
CHARGES FOR SERVICE														
Transfer From:														
General Fund	$ 935,388	$ 1,000,864	$ 1,082,422	$ 1,190,157	$ 1,273,468	$ 1,337,141	$ 1,403,998	$ 1,460,158	$ 1,503,963	$ 1,549,082	$ 1,595,554	$ 1,643,421	$ 1,692,724	$ 1,743,506
Utility Fund	1,429,626	1,529,700	1,636,780	1,751,354	1,873,949	1,967,646	2,066,028	2,148,669	2,213,129	2,279,523	2,347,909	2,418,346	2,490,896	2,565,623
Utility CIP / Utility Construction	209,743	224,425	240,135	256,945	274,931	288,678	303,112	315,236	324,693	334,434	344,467	354,801	365,445	376,408
Crime Control District	123,825	132,493	141,768	151,692	162,310	170,426	178,947	186,105	191,688	197,439	203,362	209,463	215,747	222,219
Parks & Recreation Dev. Fund	104,581	111,902	119,735	128,117	137,085	143,939	151,136	157,181	161,896	166,753	171,756	176,909	182,216	187,682
Other Funds	42,181	45,134	48,293	35,851	38,360	40,278	42,292	43,984	45,304	46,663	48,063	49,505	50,991	52,521
SUB-TOTAL	$ 2,845,344	$ 3,044,518	$ 3,269,133	$ 3,514,116	$ 3,760,103	$ 3,948,108	$ 4,145,513	$ 4,311,333	$ 4,440,673	$ 4,573,894	$ 4,711,111	$ 4,852,445	$ 4,998,019	$ 5,147,959
OTHER REVENUES														
Interest Income	$ 5,150	$ 5,494	$ 17,257	$ 12,651	$ 14,300	$ 14,336	$ 14,372	$ 14,408	$ 14,444	$ 14,480	$ 14,516	$ 14,552	$ 14,588	$ 14,624
Sale of City Property	40,781	11,528	51,467	55,214	25,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000	20,000
Other Income	33,984	38,183	51,562	32,039	12,090	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Transfer from General Fund	-	16,507	-	21,040	-	-	-	-	-	-	-	-	-	-
Transfer from Traffic Safety Fund	-	60,000	-	-	-	-	-	-	-	-	-	-	-	-
Transfer from Utility Fund	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
SUB-TOTAL	$ 129,915	$ 181,713	$ 170,286	$ 170,944	$ 101,390	$ 96,336	$ 96,372	$ 96,408	$ 96,444	$ 96,480	$ 96,516	$ 96,552	$ 96,588	$ 96,624
APPROPRIATION OF FUND BALANCE														
Equipment Services Fund Reserves	$ 284,232	$ 208,717	$ 359,663	$ 500,318	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
Appropriation - PY Encumbrances	12,355	-	-	41,946	-	-	-	-	-	-	-	-	-	-
SUB-TOTAL	$ 296,587	$ 208,717	$ 359,663	$ 542,264	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000	$ 50,000
SUB-TOTAL REVENUES	$ 3,271,846	$ 3,434,948	$ 3,799,082	$ 4,227,324	$ 3,911,493	$ 4,094,444	$ 4,291,885	$ 4,457,741	$ 4,587,117	$ 4,720,374	$ 4,857,627	$ 4,998,997	$ 5,144,607	$ 5,294,583
C.O. Bond Proceeds	-	-	-	-	906,900	1,980,860	925,200	1,077,700	928,100	1,163,800	525,100	507,200	603,400	1,220,415
SUB-TOTAL	$ 3,271,846	$ 3,434,948	$ 3,799,082	$ 4,227,324	$ 4,818,393	$ 6,075,304	$ 5,217,085	$ 5,535,441	$ 5,515,217	$ 5,884,174	$ 5,382,727	$ 5,506,197	$ 5,748,007	$ 6,514,998
Adjusting Year End Entries	(296,587)	(208,717)	(359,663)	(500,318)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
TOTAL REVENUES	$ 2,975,259	$ 3,226,231	$ 3,439,419	$ 3,727,006	$ 4,768,393	$ 6,025,304	$ 5,167,085	$ 5,485,441	$ 5,465,217	$ 5,834,174	$ 5,332,727	$ 5,456,197	$ 5,698,007	$ 6,464,998
EXPENSES														
General Services	$ 331,648	$ 339,706	$ 344,853	$ 351,401	$ 325,187	$ 334,943	$ 344,992	$ 355,342	$ 366,000	$ 376,980	$ 388,290	$ 399,939	$ 411,937	$ 424,296
Equipment Services Operations	1,644,046	1,651,351	1,639,640	1,735,950	1,624,748	1,673,495	1,723,701	1,775,412	1,828,676	1,883,537	1,940,042	1,998,244	2,058,192	2,119,938
Fire Fleet Maintenance	215,098	240,653	316,505	281,133	302,432	311,506	320,851	330,476	340,390	350,602	361,119	371,954	383,114	394,609
Equipment Purchases	673,381	403,570	321,224	346,353	675,660	222,800	317,000	224,600	722,400	178,608	93,450	257,247	182,000	565,835
Fire Vehicles / Equipment	-	26,534	178,058	62,645	-	71,600	29,500	-	68,500	-	34,871	83,900	-	84,550
Police Vehicles / Equipment	-	392,195	342,104	550,323	429,347	332,282	474,811	547,633	734,154	420,363	67,242	102,949	56,700	79,000
SUB-TOTAL	$ 2,864,173	$ 3,054,008	$ 3,142,385	$ 3,327,805	$ 3,357,374	$ 2,946,626	$ 3,210,855	$ 3,233,463	$ 4,060,120	$ 3,210,090	$ 2,885,014	$ 3,214,233	$ 3,091,943	$ 3,668,228
OTHER & RESERVES														
Debt Servcie	$ 397,790	$ 370,094	$ 393,134	$ 447,714	$ 440,414	$ 340,921	$ 323,256	$ 285,842	$ 268,675	$ 222,037	$ 181,356	$ 176,094	$ 170,609	$ 115,922
Transfer to Capital Projects	-	-	-	330,000	-	-	-	-	-	-	-	-	-	-
Other	9,882	10,845	12,428	12,506	14,439	15,161	15,919	16,715	17,551	18,429	19,350	20,318	21,333	22,399
Equipment Services Reserve	-	-	50,000	49,173	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000
SUB-TOTAL	$ 407,672	$ 380,939	$ 455,562	$ 839,393	$ 504,853	$ 406,082	$ 389,175	$ 352,557	$ 336,226	$ 290,466	$ 250,706	$ 246,412	$ 241,942	$ 188,321
SUB-TOTAL EXPENSES	$ 3,271,845	$ 3,434,947	$ 3,597,947	$ 4,167,198	$ 3,862,227	$ 3,352,708	$ 3,600,030	$ 3,586,020	$ 4,396,346	$ 3,500,556	$ 3,135,720	$ 3,460,645	$ 3,333,885	$ 3,856,549
Future Debt	-	-	-	-	39,992	554,929	687,119	815,207	919,328	1,052,020	1,119,439	1,157,042	1,244,708	1,209,120
Capital Maintenance	-	-	-	-	906,900	1,980,860	925,200	1,077,700	928,100	1,163,800	525,100	507,200	603,400	1,220,415
SUB-TOTAL	$ 3,271,845	$ 3,434,947	$ 3,597,947	$ 4,167,198	$ 4,809,119	$ 5,888,497	$ 5,212,349	$ 5,478,927	$ 6,243,774	$ 5,716,376	$ 4,780,259	$ 5,124,887	$ 5,181,993	$ 6,286,084
Adjusting Year End Entries	(1,138,200)	(53,186)	(15,839)	(49,173)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)	(50,000)
EXPENSE TOTAL	$ 2,133,645	$ 3,381,761	$ 3,582,108	$ 4,118,025	$ 4,759,119	$ 5,838,497	$ 5,162,349	$ 5,428,927	$ 6,193,774	$ 5,666,376	$ 4,730,259	$ 5,074,887	$ 5,131,993	$ 6,236,084
REVENUE LESS DEBT, ADMIN & OPERATING COSTS	$ 841,614	$ (155,531)	$ (142,689)	$ (391,019)	$ 9,275	$ 186,807	$ 4,736	$ 56,514	$ (728,557)	$ 167,798	$ 602,468	$ 381,310	$ 566,014	$ 228,914
Estimated Remaining Unrestricted Fund Balance	$ 2,003,797	$ 1,848,266	$ 1,705,578	$ 1,314,559	$ 1,323,833	$ 1,510,640	$ 1,515,376	$ 1,571,889	$ 843,332	$ 1,011,130	$ 1,613,598	$ 1,994,908	$ 2,560,922	$ 2,789,837

NRH

Schedule 7
Major Capital Equipment Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
211	-	Cell Phone Signal Boosters in NRH Centre	98,000	0	0	0	$ 98,000
212	-	Network Equipment Replacement	1,103,944	0	0	0	$ 1,103,944
213	-	Replace/enhance Dispatch center recording equipment	196,171	0	0	0	$ 196,171
214	-	Replacement of CAD/RMS Public Safety Software Platform	3,850,000	0	0	0	$ 3,850,000
215	-	Replacement of the Fuel Management Software System	90,000	0	0	0	$ 90,000
216	-	SCBA Air Pack Replacement	54,000	0	346,000	0	$ 400,000
217	-	Teleworks Replacement for Online and VOIP Platforms	100,000	0	0	0	$ 100,000
Total Continuing Projects			$ 5,492,115	$ 0	$ 346,000	$ 0	$ 5,838,115
New Projects							
218	-	Ambulance Replacement Unit 958	0	240,000	0	0	$ 240,000
219	-	Gradall Excavator Replacement Unit 633	0	375,000	0	0	$ 375,000
220	-	Pothole Patcher Replacement Unit 673	0	172,600	0	0	$ 172,600
221	-	Street Sweeper Replacement Unit 6627	0	291,900	0	0	$ 291,900
Total New Projects			$ 0	$ 1,079,500	$ 0	$ 0	$ 1,079,500
Total Project Costs			$ 5,492,115	$ 1,079,500	$ 346,000	$ 0	$ 6,917,615
Funding Sources							
Certificates of Obligation							
		Certificates of Obligation	0	906,900	0	0	906,900
Total Certificates of Obligation			$ 0	$ 906,900	$ 0	$ 0	$ 906,900
Federal/State Grants							
		Federal Grant	71,171	0	0	0	71,171
Total Federal/State Grants			$ 71,171	$ 0	$ 0	$ 0	$ 71,171
Reserves							
		Information Services Reserve	1,415,944	0	0	0	1,415,944
		Reserves	0	172,600	0	0	172,600
		Unspecified Project Savings	31,000	0	0	0	31,000
		Utility Fund	70,000	0	0	0	70,000
Total Reserves			$ 1,516,944	$ 172,600	$ 0	$ 0	$ 1,689,544
Other							
		Other	3,850,000	0	0	0	3,850,000
		Court Technology Fund	0	0	0	0	0
		To Be Determined	54,000	0	346,000	0	400,000
Total Other			$ 3,904,000	$ 0	$ 346,000	$ 0	$ 4,250,000
Total Sources of Funds			$ 5,492,115	$ 1,079,500	$ 346,000	$ 0	$ 6,917,615

NRH

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2013	12/2015
Total Schedule	**10/2013**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$98,000
Total		**$98,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$2,500	$2,500	$2,500	$0	$0	$7,500
Total Operating Impact	**$2,500**	**$2,500**	**$2,500**	**$0**	**$0**	**$7,500**

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 Serivces Reserves

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2014	12/2015
Total Schedule	**10/2014**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$1,103,944
Total		**$1,103,944**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2014	10/2015
Total Schedule	**10/2014**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$125,000
Revision	2014-15	$71,171
Total		**$196,171**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$12,000	$12,000	$12,000	$12,000	$0	$48,000
Total Operating Impact	**$12,000**	**$12,000**	**$12,000**	**$12,000**	**$0**	**$48,000**

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

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, & Haltom City.

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.

One of the requirements of the RFP will be for the selected vendor to offer a leasing agreement for the software platform.

The lease/purchase cost(s) of this project is to be shared by all member cities of the Joint Dispatch Project.

The funding source for this project is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2014	12/2015
Total Schedule	**10/2014**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$4,000,000
Revision	2014-15	($150,000)
Total		**$3,850,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$200,000	$210,000	$220,000	$230,000	$0	$860,000
Total Operating Impact	**$200,000**	**$210,000**	**$220,000**	**$230,000**	**$0**	**$860,000**

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 & 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2013	05/2016
Total Schedule	**10/2013**	**05/2016**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$90,000
Total		**$90,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$3,800	$3,800	$3,800	$0	$0	$11,400
Total Operating Impact	**$3,800**	**$3,800**	**$3,800**	**$0**	**$0**	**$11,400**

Major Capital Equipment Capital Projects

Department	Project Title	Project Number
Fire	SCBA Air Pack Replacement	FD1501

Project Description

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.

Project Justification

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 funding source/revenue is to be determined. The equipment must be replaced by January 2018 as it will have reached the end of its life cycle.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2016	09/2017
Total Schedule	**10/2016**	**09/2017**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$400,000
Total		**$400,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other	54,000	0	346,000	0	**$400,000**
Total Funding	**$54,000**	**$0**	**$346,000**	**$0**	**$400,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	54,000	0	346,000	0	**$400,000**
Total Costs	**$54,000**	**$0**	**$346,000**	**$0**	**$400,000**

Operating Impact

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 .

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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-Utility Billing and Planning/Inspections.

Project Justification

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.

Reserves in the amount of $70,000 is from Utility Fund Reserves and the remaining $30,000 is from Information Services Fund Reserves.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	03/2012	09/2016
Total Schedule	**03/2012**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$130,000
Revision	2014-15	($30,000)
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$20,000	$0	$0	$0	$0	$20,000
Total Operating Impact	**$20,000**	**$0**	**$0**	**$0**	**$0**	**$20,000**

Major Capital Equipment Capital Projects

Department	Project Title	Project Number
Fleet Services	Ambulance Replacement Unit 958	FS1601

Project Description

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.

Project Justification

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 ambulanc can respond as needed.

Funding source is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	12/2015
Land/ROW Acquisition		
Construction		
Other	12/2015	06/2016
Total Schedule	**10/2015**	**06/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$240,000
Total		**$240,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	240,000	0	0	**$240,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$0**	**$240,000**	**$0**	**$0**	**$240,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	0	0	0	0	**$0**
Land/ROW Acquisition					
Construction					
Other	0	240,000	0	0	**$240,000**
Total Costs	**$0**	**$240,000**	**$0**	**$0**	**$240,000**

Operating Impact

None

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	Gradall Excavator Replacement Unit 633	FS1602

Project Description

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.

Project Justification

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 City also provides backup emergency assistance with this specialized equipment to surrounding cities as requested. 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.

Funding source is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2015	04/2016
Total Schedule	**10/2015**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$375,000
Total		**$375,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	375,000	0	0	**$375,000**
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$0**	**$375,000**	**$0**	**$0**	**$375,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	0	375,000	0	0	**$375,000**
Total Costs	**$0**	**$375,000**	**$0**	**$0**	**$375,000**

Operating Impact

None

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	Pothole Patcher Replacement Unit 673	FS1603

Project Description

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.

Project Justification

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.

Funding source is Fleet Reserves.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	10/2015	12/2015
Land/ROW Acquisition		
Construction		
Other	01/2016	07/2016
Total Schedule	**10/2015**	**07/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$172,600
Total		**$172,600**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	172,600	0	0	**$172,600**
Sales Tax					
Other					
Total Funding	**$0**	**$172,600**	**$0**	**$0**	**$172,600**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	0	172,600	0	0	**$172,600**
Total Costs	**$0**	**$172,600**	**$0**	**$0**	**$172,600**

Operating Impact

None

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	Street Sweeper Replacement Unit 6627	FS1604

Project Description

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.

Project Justification

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, th 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 fo 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.

Funding source is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2015	04/2016
Total Schedule	**10/2015**	**04/2016**

History	Fiscal Year	Amount
Adopted Budget	2015-16	$291,900
Total		**$291,900**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	291,900	0	0	**$291,900**
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	**$0**	**$291,900**	**$0**	**$0**	**$291,900**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	0	291,900	0	0	**$291,900**
Total Costs	**$0**	**$291,900**	**$0**	**$0**	**$291,900**

Operating Impact

None

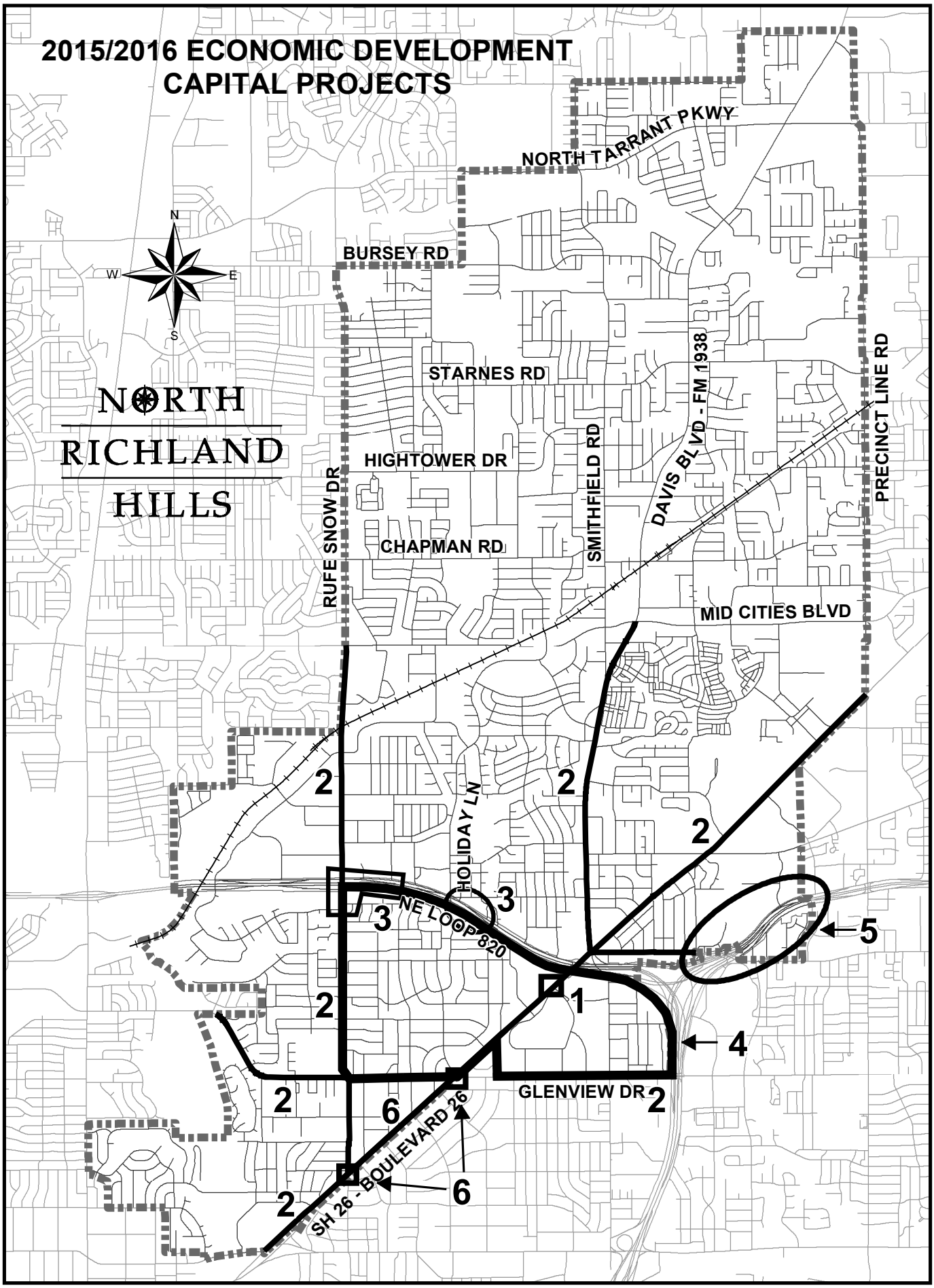
Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

Schedule 8
Economic Development Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
227	1	Boulevard 26 Intersection Imp. (@ Rodger Line Rd.)	450,000	0	0	0	$ 450,000
229	2	Business Improvement and Growth (BIG) Program	250,000	0	0	0	$ 250,000
231	3	Loop 820 Redevelopment	2,026,938	0	0	0	$ 2,026,938
233	4	Neighborhood Revitalization Program (NRP)	206,184	0	0	0	$ 206,184
235	5	SH 121/183 & Bedford-Euless Road Access Plan	100,000	0	0	0	$ 100,000
236	-	Sign Removal Assistance Program	50,000	0	0	0	$ 50,000
237	-	Strategic Land Acquisition	3,226,240	0	0	0	$ 3,226,240
239	6	TIF 1 Expansion - Intersection Improvements/Utility Burial	3,000,000	0	0	0	$ 3,000,000
240	-	TOD Land Management	1,200,000	0	0	0	$ 1,200,000
Total Continuing Projects			$ 10,509,362	$ 0	$ 0	$ 0	$ 10,509,362
Total Project Costs			$ 10,509,362	$ 0	$ 0	$ 0	$ 10,509,362
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 Pay-As-You-Go Reserves			50,000	0	0	0	50,000
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)			1,800,463	0	0	0	1,800,463
Utility Fund			3,226,240	0	0	0	3,226,240
Total Reserves			$ 6,376,703	$ 0	$ 0	$ 0	$ 6,376,703
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							
			206,184	0	0	0	206,184
Other			50,000	0	0	0	50,000
Commercial Loan			426,475	0	0	0	426,475
Total Other			$ 682,659	$ 0	$ 0	$ 0	$ 682,659
Total Sources of Funds			$ 10,509,362	$ 0	$ 0	$ 0	$ 10,509,362

NRH


2015/2016 ECONOMIC DEVELOPMENT
CAPITAL PROJECTS
NORTH TARRANT PKWY
BURSEY RD
STARNES RD
HIGHTOWER DR
CHAPMAN RD
RUFE SNOW DR
SMITHFIELD RD
DAVIS BLVD - FM 1938
PRECINCT LINE RD
MID CITIES BLVD
HOLIDAY LN
NE LOOP 820
GLENVIEW DR
SH 26 - BOULEVARD 26
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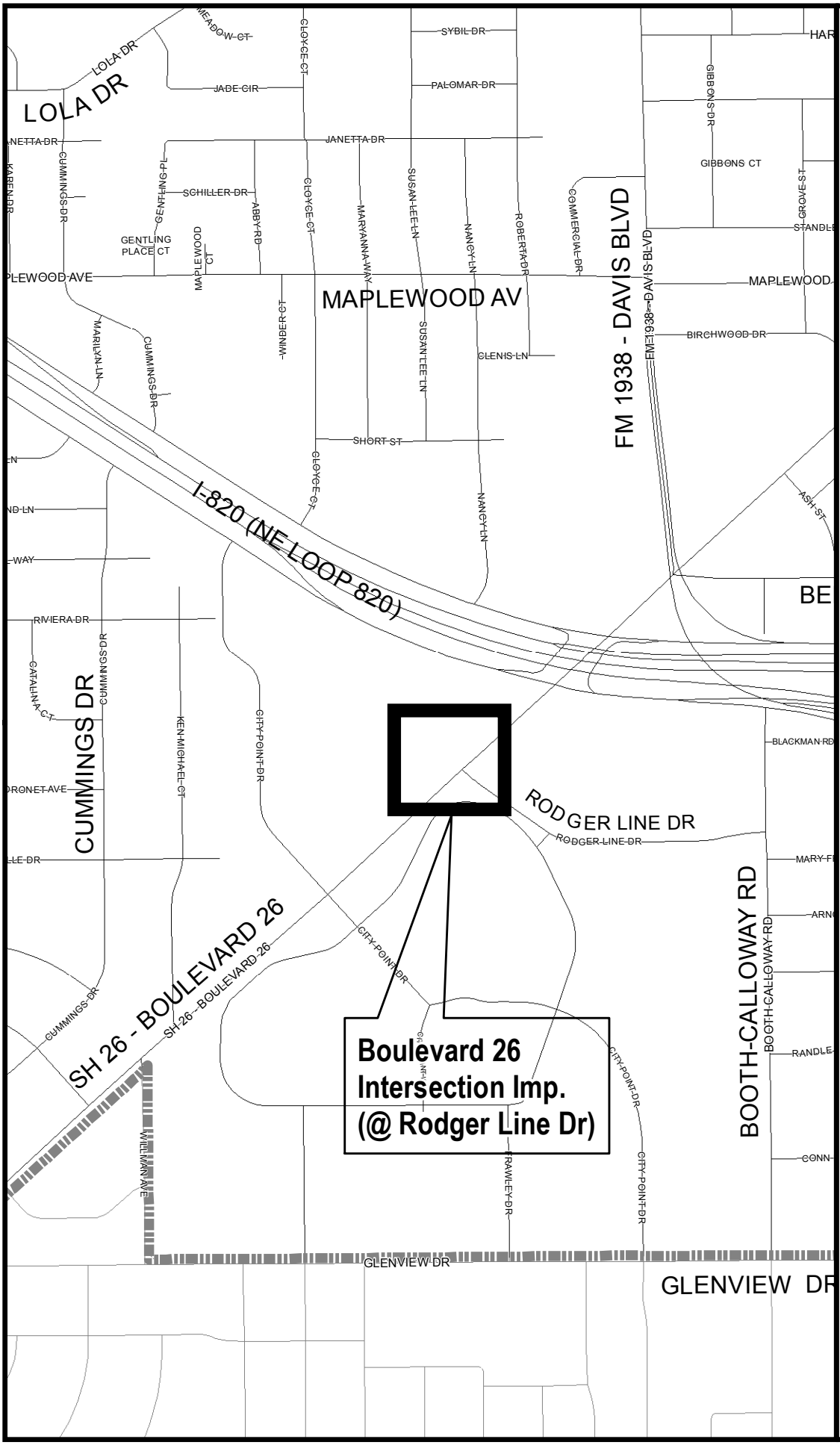
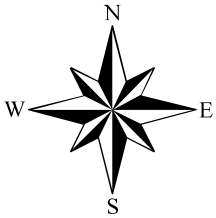
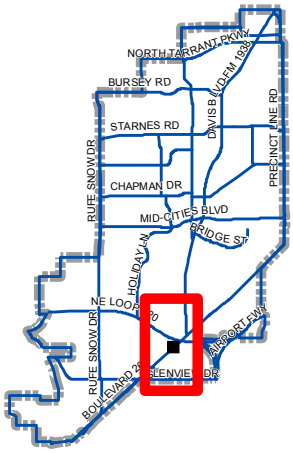
Boulevard 26 Intersection Imp. (@ Rodger Line Dr)





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

30 MAY 15 Standard Maps\CIP E_Blvd 26 Intersect Imps RodgerLine.mxd

Information Services Department - GIS

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
Professional Services		
Engineering/Design	09/2015	02/2016
Land/ROW Acquisition		
Construction	04/2016	04/2017
Other		
Total Schedule	**09/2015**	**04/2017**

History	Fiscal Year	Amount
Adopted Budget	2007-08	$450,000
Total		**$450,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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**

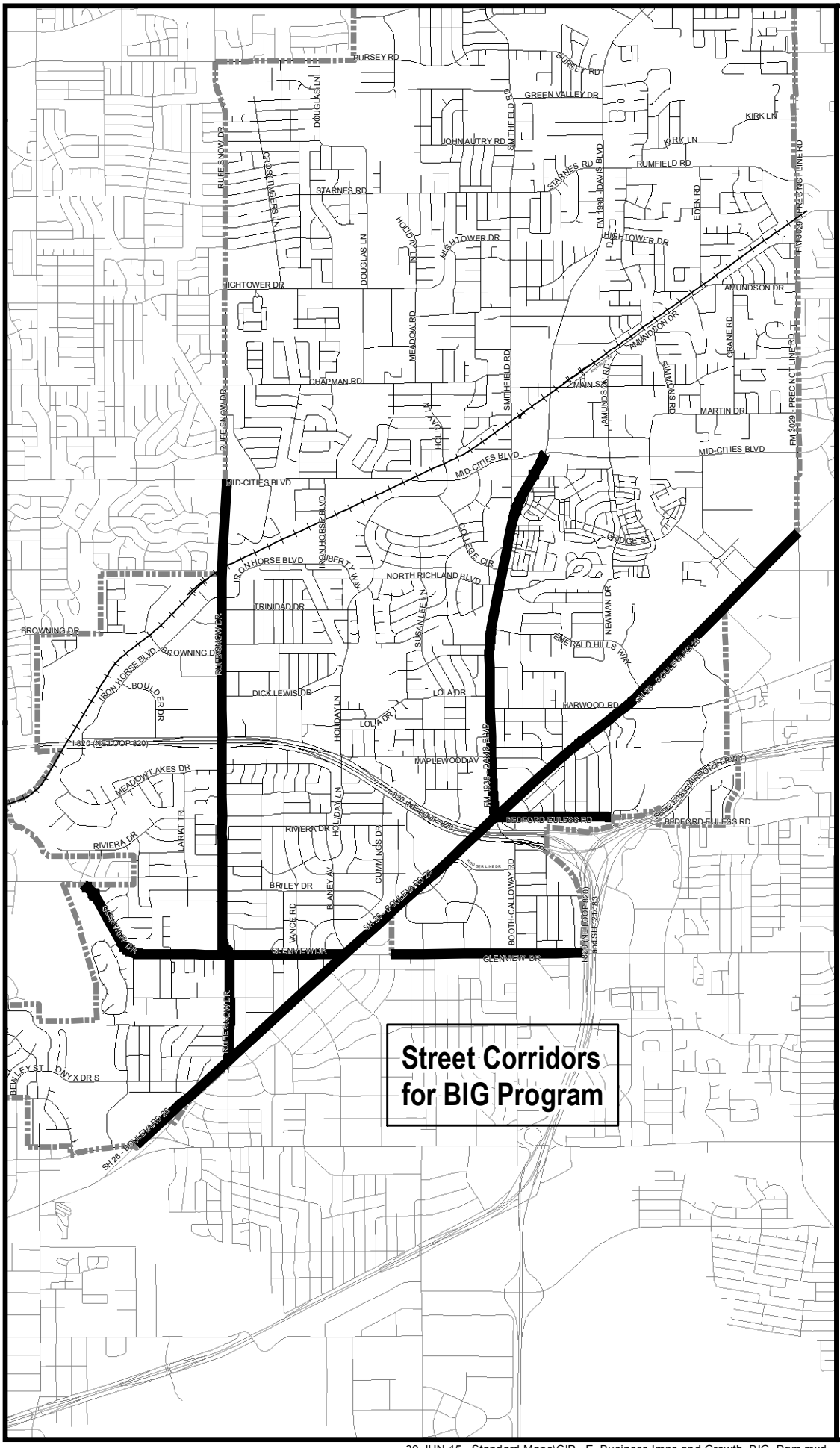
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design	75,000	0	0	0	**$75,000**
Land/ROW Acquisition					
Construction	375,000	0	0	0	**$375,000**
Other					
Total Costs	**$450,000**	**$0**	**$0**	**$0**	**$450,000**

Operating Impact

Minimal operating impact is anticipated.

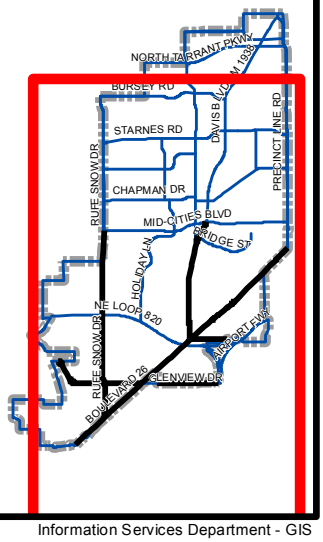
Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Business Improvement and Growth (BIG) Program



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 4000'

30 JUN 15 Standard Maps\CIP E_Business Imps and Growth_BIG_Pgm.mxd

Information Services Department - GIS

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Business Improvement and Growth (BIG) Program	ED0801

Project Description

This initiative will help North Richland Hills revitalize aging structures along the Rufe Snow Drive, Davis Boulevard and Boulevard 26 corridors south of Mid Cities Boulevard in addition to Glenview Drive and Bedford-Euless Road. The BIG program is designed to improve the exterior, visibility and presentation of a business. The BIG program is not designed to subsidize corrections to building code violations that prolong the life of a commercial property. Any BIG project should strive toward increases in sales and/or revenue for the occupant or property owner. The two basic areas targeted are façade improvements and monument sign construction.

Project Justification

This program aims to encourage private re-investment in mature corridors of the City. Two separate matching grant programs are utilized: monument sign construction and façade improvements. Maximum amounts are $20,000 for façade improvements and $5,000 for monument signs. As of FY 15, the program has 20 business participants granted the amount of $200,000, facilitating $2.6 million of façade and sign improvements, a 13 to 1 return.

NOTE: Original funds ($200,000) are sourced from Gas Fund Reserves specifically dedicated to Economic Development activities per Council Gas Fund Policy. The additional $50,000 in FY 14 is sourced from other funds as available.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2007	09/2016
Other		
Total Schedule	**10/2007**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2007-08	$100,000
Revision	2009-10	$100,000
Adopted Budget	2013-14	$50,000
Total		**$250,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	200,000	0	0	0	**$200,000**
Sales Tax					
Other	50,000	0	0	0	**$50,000**
Total Funding	**$250,000**	**$0**	**$0**	**$0**	**$250,000**

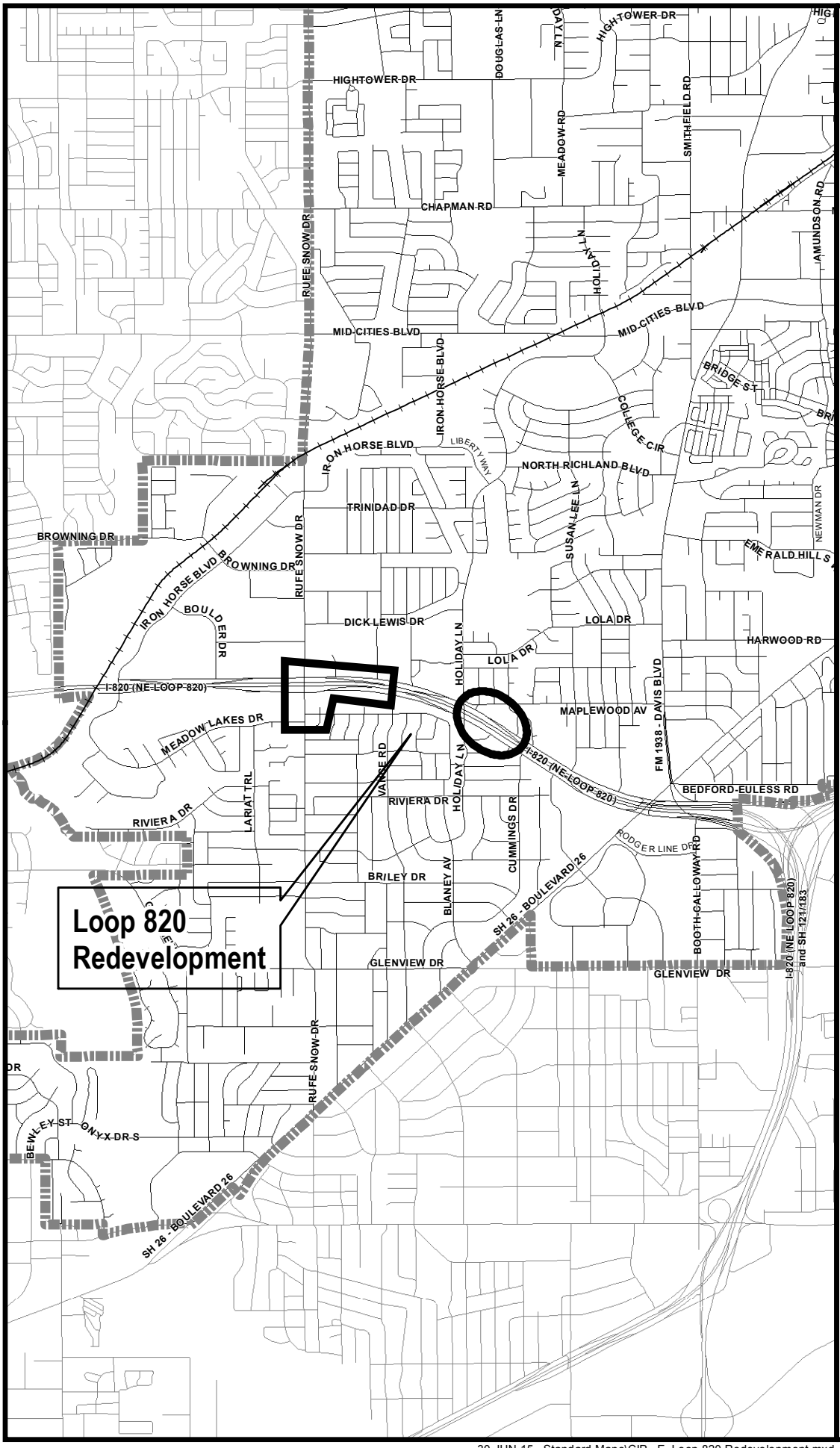
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	250,000	0	0	0	**$250,000**
Other					
Total Costs	**$250,000**	**$0**	**$0**	**$0**	**$250,000**

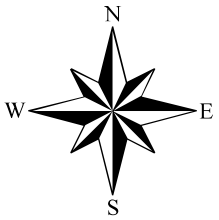
Operating Impact

No additional operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

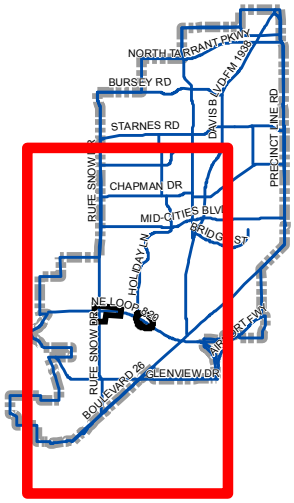
Loop 820 Redevelopment





NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 3000'

30 JUN 15 Standard Maps\CIP E_Loop 820 Redevelopment.mxd

Information Services Department - GIS

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Loop 820 Redevelopment	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
Professional Services	12/2010	09/2016
Engineering/Design		
Land/ROW Acquisition	11/2009	02/2017
Construction		
Other		
Total Schedule	**11/2009**	**02/2017**

History	Fiscal Year	Amount
Adopted Budget	2009-10	$1,937,938
Revision	2011-12	$150,000
Revision	2012-13	($61,000)
Total		**$2,026,938**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	1,600,463	0	0	0	**$1,600,463**
Sales Tax					
Other	426,475	0	0	0	**$426,475**
Total Funding	**$2,026,938**	**$0**	**$0**	**$0**	**$2,026,938**

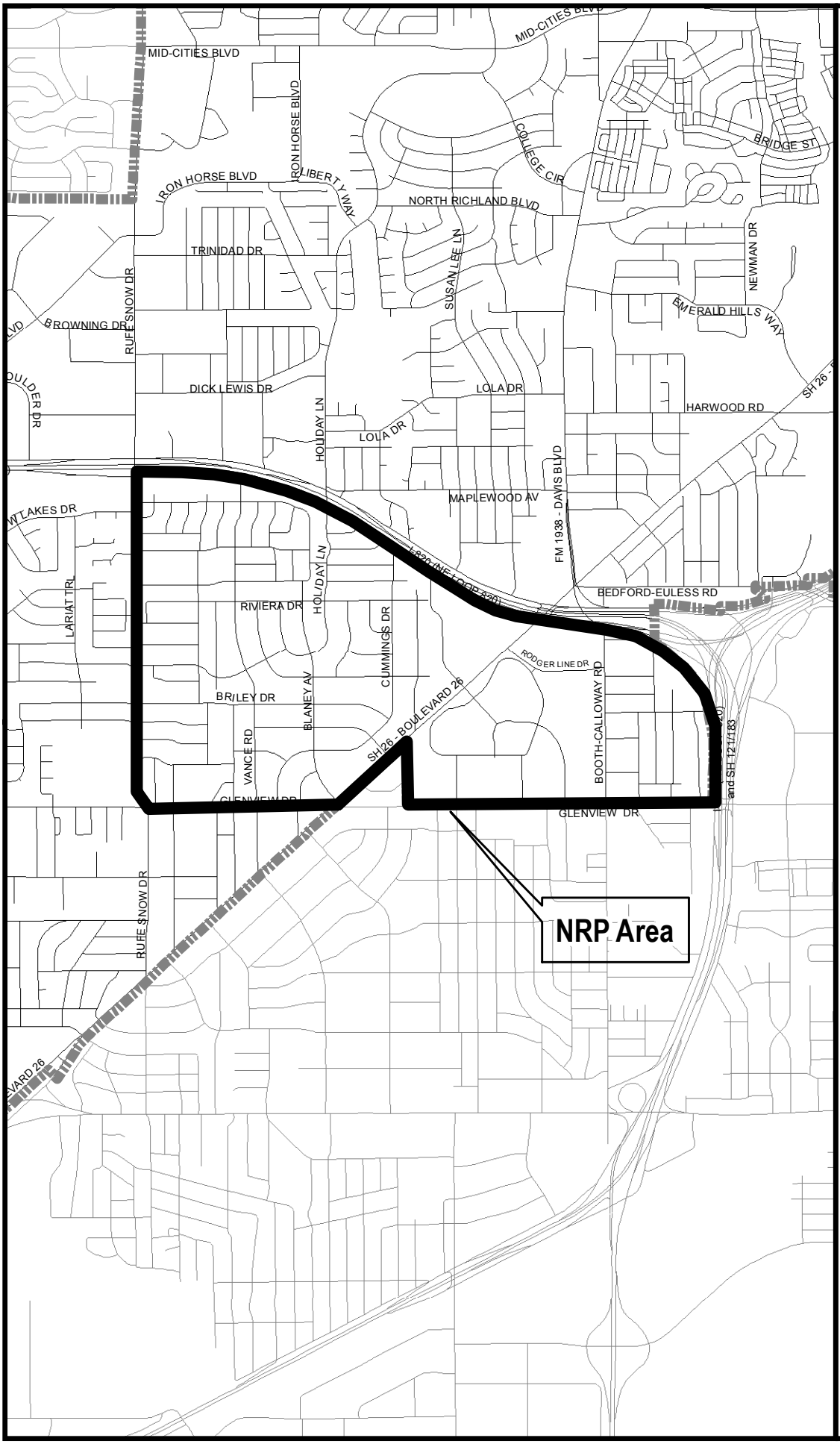
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	100,000	0	0	0	**$100,000**
Engineering/Design					
Land/ROW Acquisition	1,776,938	0	0	0	**$1,776,938**
Construction	150,000	0	0	0	**$150,000**
Other					
Total Costs	**$2,026,938**	**$0**	**$0**	**$0**	**$2,026,938**

Operating Impact

Minimal operating impact expected

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Neighborhood Revitalization Program (NRP)



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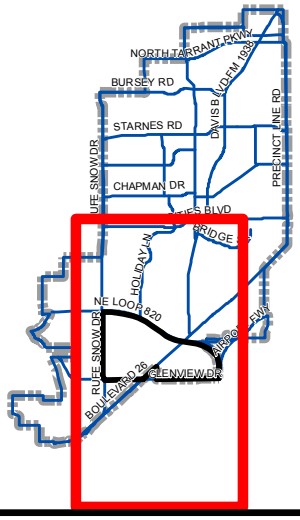
Project Locator Map



Scale: 1" = 2500'

30 MAY 15 Standard Maps\CIP E_Neighborhood Revitalization Pgm.mxd

Information Services Department - GIS

Economic Development Capital Projects

Department	Project Title	Project Number
City Manager	Neighborhood Revitalization Program (NRP)	ED1501

Project Description

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.

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.

Project Justification

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.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	02/2015	02/2017
Other		
Total Schedule	**02/2015**	**02/2017**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$206,184
Total		**$206,184**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other	206,184	0	0	0	**$206,184**
Total Funding	**$206,184**	**$0**	**$0**	**$0**	**$206,184**

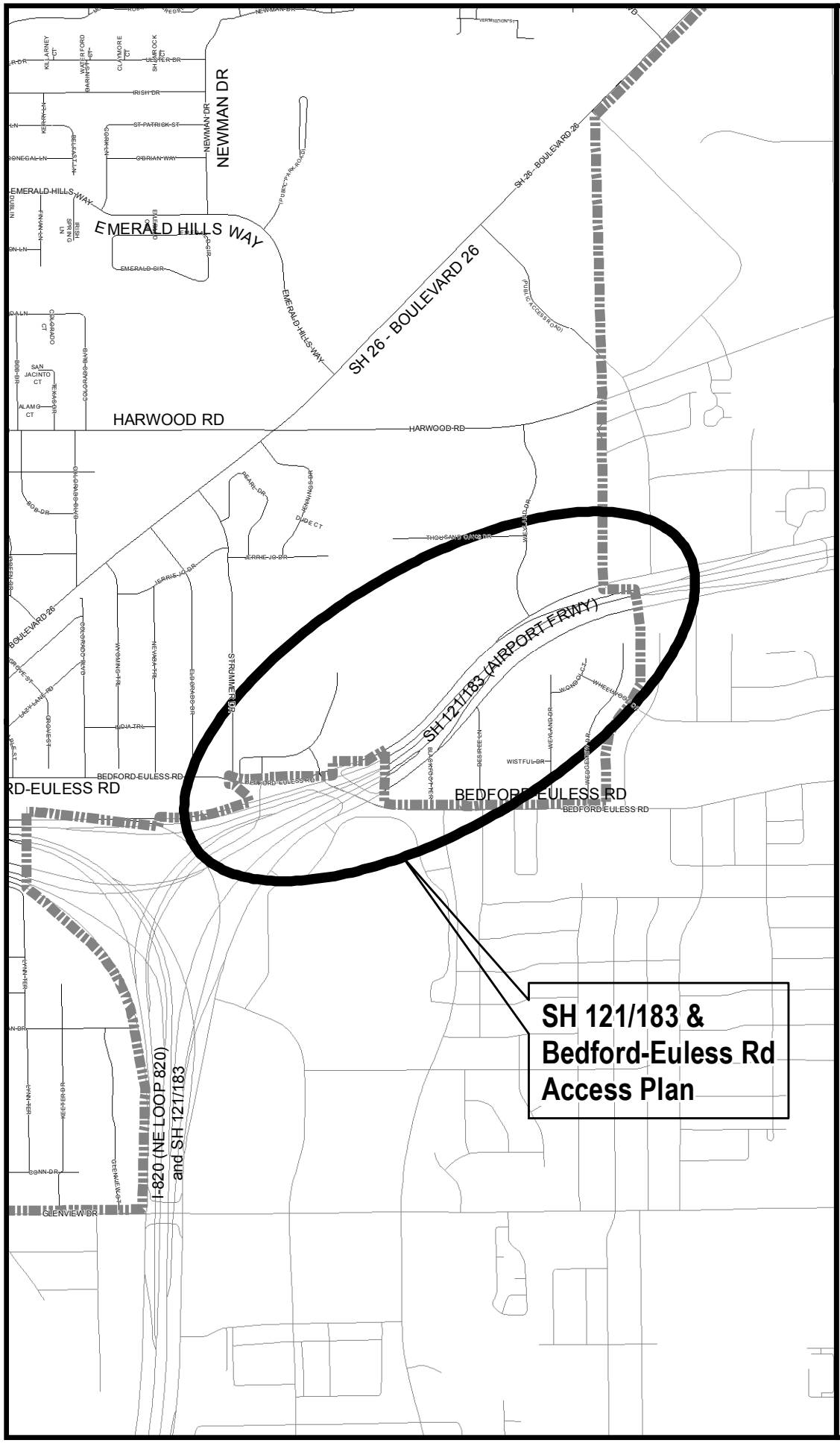
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	206,184	0	0	0	**$206,184**
Other					
Total Costs	**$206,184**	**$0**	**$0**	**$0**	**$206,184**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

SH 121/183 & Bedford-Euless Rd Access Plan



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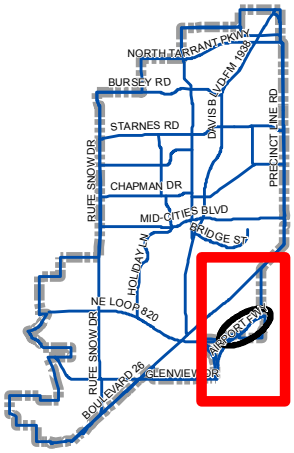
Project Locator Map



Scale: 1" = 1250'

30 JUN 15 Standard Maps\CIP_E_SH121_183andBedfordEuless Access Plan.mxd

Information Services Department - GIS

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	SH 121/183 & Bedford-Euless 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-Euless 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-Euless 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
Professional Services	10/2009	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**10/2009**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2009-10	$50,000
Revision	2010-11	$50,000
Total		**$100,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2003	10/2015
Total Schedule	**10/2003**	**10/2015**

History	Fiscal Year	Amount
Adopted Budget	2003-04	$20,000
Revision	2007-08	$20,000
Revision	2009-10	$10,000
Total		**$50,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	Strategic Land Acquisition	ED1401

Project Description

This is for the purchase of property.

Project Justification

This project acquires property for strategic economic development use.

Funding Source - Other

Note: Other: Funding source represents Utility Fund Reserves to be reimbursed upon completion of project.

Project Schedule	Beginning Date	Ending Date
Professional Services	10/2013	09/2015
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**10/2013**	**09/2015**

History	Fiscal Year	Amount
Adopted Budget	2013-14	$3,226,240
Total		**$3,226,240**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	3,226,240	0	0	0	**$3,226,240**
Sales Tax					
Other					
Total Funding	**$3,226,240**	**$0**	**$0**	**$0**	**$3,226,240**

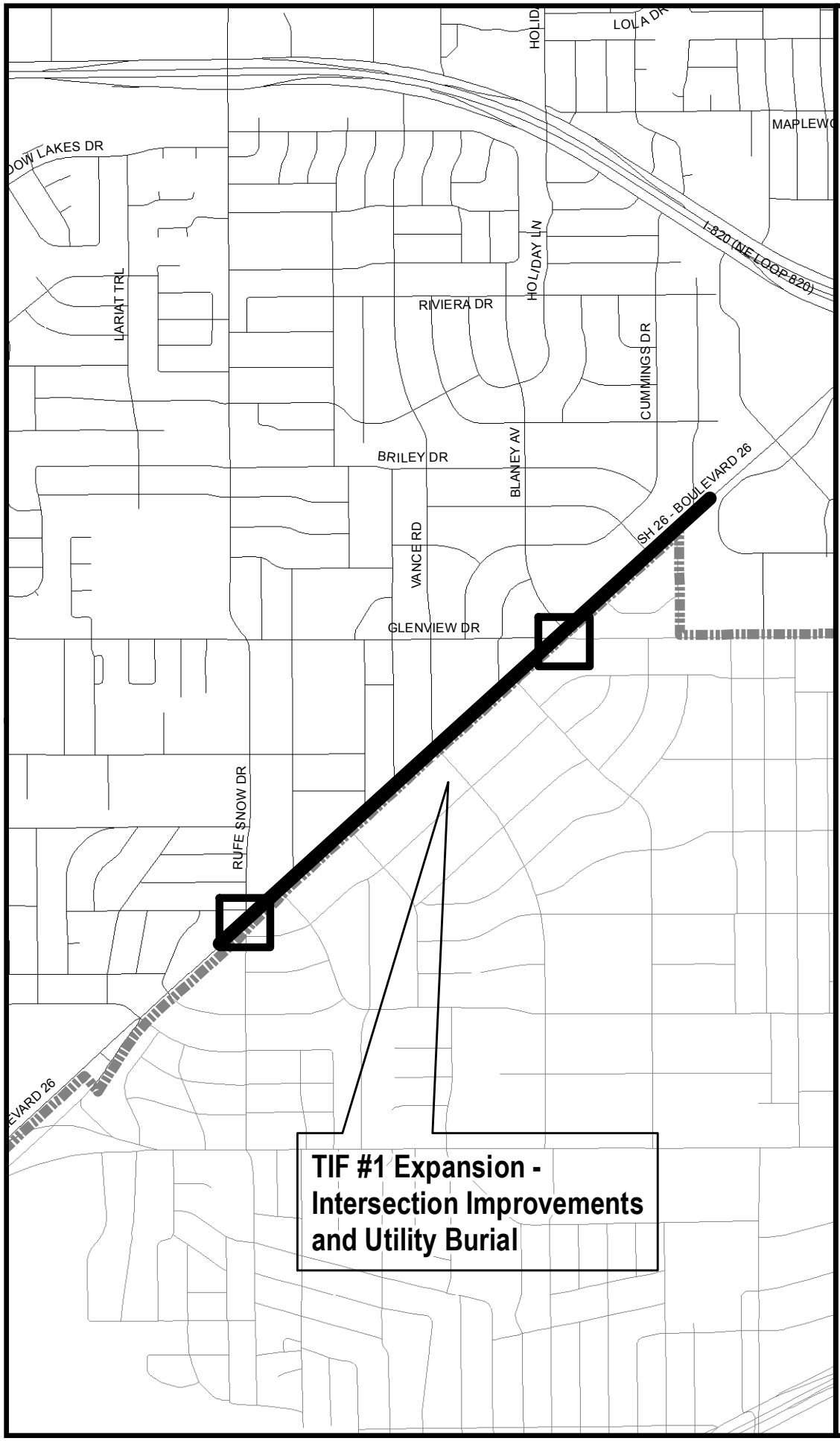
Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	3,226,240	0	0	0	**$3,226,240**
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$3,226,240**	**$0**	**$0**	**$0**	**$3,226,240**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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



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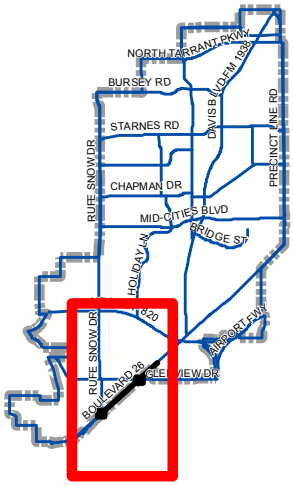
NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 1500'

30 MAY 15 Standard Maps\CIP E_TIF1expansion_Utility Burial_IntersectImps.mxd

Information Services Department - GIS

Economic Development Capital Projects

Department	Project Title	Project Number
Economic Development	TIF 1 Expansion - Intersection Improvements/Utility Burial	ED0601

Project Description

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.

Project Justification

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.

Note: The "Other" dates listed in the Project Schedule is the time line for TxDot review and approval. Funding source is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design	05/2006	08/2015
Land/ROW Acquisition		
Construction	10/2015	12/2016
Other	03/2014	10/2015
Total Schedule	**05/2006**	**12/2016**

History	Fiscal Year	Amount
Adopted Budget	2005-06	$450,000
Revision	2008-09	$3,050,000
Revision	2011-12	($500,000)
Total		**$3,000,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	**$3,000,000**	**$0**	**$0**	**$0**	**$3,000,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	100,000	0	0	0	**$100,000**
Engineering/Design	550,000	0	0	0	**$550,000**
Land/ROW Acquisition	350,000	0	0	0	**$350,000**
Construction	2,000,000	0	0	0	**$2,000,000**
Other					
Total Costs	**$3,000,000**	**$0**	**$0**	**$0**	**$3,000,000**

Operating Impact

Minimal operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

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 suchs 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
Professional Services		
Engineering/Design		
Land/ROW Acquisition	04/2015	04/2016
Construction		
Other		
Total Schedule	**04/2015**	**04/2016**

History	Fiscal Year	Amount
Revision	2014-15	$1,200,000
Total		**$1,200,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0

Schedule 9
CIP Personnel Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
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	1,416,053	315,116	0	0	$ 1,731,169
-	-	Utility Construction Personnel	3,268,392	842,184	0	0	$ 4,110,576
-	-	Utility Construction Project Funding	-3,254,769	-840,000	0	0	$ -4,094,769
Total Continuing Projects			$ 2,424,859	$ 317,300	$ 0	$ 0	$ 2,742,159
Total Project Costs			$ 2,424,859	$ 317,300	$ 0	$ 0	$ 2,742,159
Funding Sources							
Reserves							
		General CIP Reserves and Interest Income	995,183	0	0	0	995,183
		Utility Reserves and Interest Income	4,684,445	1,157,300	0	0	5,841,745
		Municipal Facilities Project Funding	0	0	0	0	0
		Utility Construction Project Funding	-3,254,769	-840,000	0	0	-4,094,769
Total Reserves			$ 2,424,859	$ 317,300	$ 0	$ 0	$ 2,742,159
Total Sources of Funds			$ 2,424,859	$ 317,300	$ 0	$ 0	$ 2,742,159

NRH

Schedule 10
Other Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2015/16 Adopted	2016/17 Estimated	2017 To Completion	Total
Project Costs							
Continuing Projects							
245	-	Atmos Residential Energy Efficiency Program	356,859	23,750	0	0	$ 380,609
246	-	Litter Not Program	25,000	0	0	0	$ 25,000
247	-	Neighborhood Initiative Program	227,158	10,000	10,000	10,000	$ 257,158
248	-	North Texas Anti-Gang Center	1,211,751	0	0	0	$ 1,211,751
249	-	Strategic Plan	75,000	0	350,000	0	$ 425,000
Total Continuing Projects			$ 1,895,768	$ 33,750	$ 360,000	$ 10,000	$ 2,299,518
Total Project Costs			$ 1,895,768	$ 33,750	$ 360,000	$ 10,000	$ 2,299,518
Funding Sources							
Federal/State Grants							
		Other	1,211,751	0	0	0	1,211,751
Total Federal/State Grants			$ 1,211,751	$ 0	$ 0	$ 0	$ 1,211,751
Reserves							
		Other	187,158	0	0	0	187,158
		Reserves	0	0	350,000	0	350,000
Total Reserves			$ 187,158	$ 0	$ 350,000	$ 0	$ 537,158
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	40,000	10,000	10,000	10,000	70,000
		Other	381,859	23,750	0	0	405,609
Total Other			$ 421,859	$ 33,750	$ 10,000	$ 10,000	$ 475,609
Total Sources of Funds			$ 1,895,768	$ 33,750	$ 360,000	$ 10,000	$ 2,299,518

NRH

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.

*The revision in FY13/14 is being made to accurately reflect the budget amounts requested for this program from ATMOS since the date of inception in 2011/12.

Project Schedule	Beginning Date	Ending Date
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction	10/2015	06/2016
Other		
Total Schedule	**10/2015**	**06/2016**

History	Fiscal Year	Amount
Adopted Budget	2011-12	$10,000
Revision	2012-13	$90,000
Revision	2013-14	$256,859
Adopted Budget	2015-16	$23,750
Total		**$380,609**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other	356,859	23,750	0	0	**$380,609**
Total Funding	**$356,859**	**$23,750**	**$0**	**$0**	**$380,609**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	356,859	23,750	0	0	**$380,609**
Total Costs	**$356,859**	**$23,750**	**$0**	**$0**	**$380,609**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	10/2007	12/2015
Total Schedule	**10/2007**	**12/2015**

History	Fiscal Year	Amount
Adopted Budget	2010-11	$8,531
Revision	2012-13	$16,469
Total		**$25,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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	2015-16 Budget	2016-17 Estimate	2017-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	2015-16	2016-17	2017-18	2018-19	2019-20	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
Professional Services		
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other	01/2004	09/2016
Total Schedule	**01/2004**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2008-09	$105,942
Revision	2009-10	$28,716
Revision	2010-11	$15,000
Revision	2011-12	$5,000
Revision	2012-13	$52,500
Adopted Budget	2013-14	$10,000

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	187,158	0	0	0	**$187,158**
Sales Tax					
Other	40,000	10,000	10,000	10,000	**$70,000**
Total Funding	**$227,158**	**$10,000**	**$10,000**	**$10,000**	**$257,158**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other	227,158	10,000	10,000	10,000	**$257,158**
Total Costs	**$227,158**	**$10,000**	**$10,000**	**$10,000**	**$257,158**

Operating Impact

No operating impact.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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	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.

Project Schedule	Beginning Date	Ending Date
Professional Services	03/2015	08/2016
Engineering/Design		
Land/ROW Acquisition		
Construction	03/2015	09/2015
Other	03/2015	08/2016
Total Schedule	**03/2015**	**08/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$1,211,751
Total		**$1,211,751**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-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					
Total Funding	**$1,211,751**	**$0**	**$0**	**$0**	**$1,211,751**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	530,827	0	0	0	**$530,827**
Engineering/Design					
Land/ROW Acquisition					
Construction	615,000	0	0	0	**$615,000**
Other	65,924	0	0	0	**$65,924**
Total Costs	**$1,211,751**	**$0**	**$0**	**$0**	**$1,211,751**

Operating Impact

No operating impact is anticipated.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	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
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 wel 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 citizer of NRH enjoy. In addition, the City Council discussed the need to update the City's current Comprehensive Plan and create a more concrete vision for these specific areas through this process as well as create an overall mobility plan to incorporate the recently completed NRH trail system and the future Tex Rail corridor. To this end, the Council expressed interest in creating an overall strategi 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 consultant to facilitate this update process and provide the end product. $75,000 in funding was provided in the 2014/2015 CIP budget to begin the RFQ process.

Project Schedule	Beginning Date	Ending Date
Professional Services	10/2014	09/2016
Engineering/Design		
Land/ROW Acquisition		
Construction		
Other		
Total Schedule	**10/2014**	**09/2016**

History	Fiscal Year	Amount
Adopted Budget	2014-15	$75,000
Total		**$75,000**

Sources of Funds	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	0	350,000	0	**$350,000**
Sales Tax	75,000	0	0	0	**$75,000**
Other					
Total Funding	**$75,000**	**$0**	**$350,000**	**$0**	**$425,000**

Project Costs	To Date	2015-16 Budget	2016-17 Estimate	2017-Completion	Total Cost
Professional Services	75,000	0	350,000	0	**$425,000**
Engineering/Design					
Land/ROW Acquisition					
Construction					
Other					
Total Costs	**$75,000**	**$0**	**$350,000**	**$0**	**$425,000**

Operating Impact

There is no operating impact for this project.

Fiscal Year	2015-16	2016-17	2017-18	2018-19	2019-20	Total Impact
Amount	$0	$0	$0	$0	$0	$0
Total Operating Impact	**$0**	**$0**	**$0**	**$0**	**$0**	**$0**

NRH

Schedule 11
2014/2015 Budget Revisions
Budget Summary

Page No	Project Number	Project Name	Adopted Through 2014/2015	Budget Revision 2014/2015	2014/2015 Revised Budget	Remaining Amount	Total
STREET & SIDEWALK CAPITAL PROJECTS							
242	ST0102	Rufe Snow Dr. Street & Utility Imp (Karen Dr. to I.H. 820)	$885,950	$500,000	$1,385,950	$0	$1,385,950
244	ST0202	Rufe Snow Dr. Street & Utility Imp (Mid-Cities to Hightower)[TEA-21]	$21,703,236	$0	$21,703,236	0	$21,703,236
		Sub-Total	**$22,589,186**	**$500,000**	**$23,089,186**	**$0**	**$23,089,186**
DRAINAGE CAPITAL PROJECTS							
245	DR1503	Collway Branch Channel Repair Project	0	68,500	$68,500	$0	$68,500
246	DR1401	Concrete Lined Channel Rehabilitation Project	200,000	(68,500)	$131,500	$0	$131,500
247	DR1501	Main Street Drainage Improvements	$800,000	$0	$800,000	$0	$800,000
248	DR1004	Meadowview Estates Drainage Project	2,500,000	(636,778)	1,863,222	0	1,863,222
250	DR1502	Walker Branch Channel Repair	0	136,778	136,778	0	136,778
		Sub-Total	**$3,500,000**	**($500,000)**	**$3,000,000**	**$0**	**$3,000,000**
UTILITY CAPITAL PROJECTS							
251	UT1403	Miscellaneous Water/Sewer Main Replacements	$420,000	$29,179	$449,179	$0	$449,179
252	UT1405	Small Water Main Replacements	$420,000	($29,179)	$390,821	$0	$390,821
		Sub-Total	**$840,000**	**$0**	**$840,000**	**$0**	**$840,000**
PARKS & RECREATION CAPITAL PROJECTS							
253	PK1201	Adventure World Playground Renovation	$653,246	($7)	$653,239	$0	$653,239
254	PK1401	Barfield / Cotton Belt Trail Connector	$45,000	$20,000	$65,000	$0	$65,000
255	PK9601	Calloway Branch Trail Development (CMAQ)	$1,509,811	($20,000)	$1,489,811	$0	$1,489,811
256	PK0404	NRH Recreation Center (TIF #2)	$25,020,155	$4,246	$25,024,401	$0	$25,024,401
257	PK1302	Parks Infrastructure Maintenance (2013)	$146,000	($514)	$145,486	$0	$145,486
258	PK1506	Parks Infrastructure Maintenance (2015)	$228,900	$3,697	$232,597	$0	$232,597
259	PK1303	Tennis Center Infrastructure Management (2013)	$60,000	-$3,724	$56,276	$0	$56,276
260	PK0908	Trail Signage and Identification	55,000	(3,697)	51,303	0	51,303
					0	0	0
					0	0	0
		Sub-Total	**$27,718,112**	**$1**	**$27,718,113**	**$0**	**$27,718,113**
AQUATIC PARK CAPITAL PROJECTS							
261	WP1502	NRH2O Facility Enhancements and Improvements	$200,000	$0	$200,000	$0	$200,000
262	WP1504	NRH2O Parking Lot Improvements	$0	$75,000	$75,000	$0	$75,000
		Sub-Total	**$200,000**	**$75,000**	**$275,000**	**$0**	**$275,000**
FACILITIES CAPITAL PROJECTS							
263	FC1506	Disaster Recovery EOC Infrastructure	0	150,000	$150,000	0	$150,000
264	FC1502	Flooring and Cabinet Upgrade	$30,000	$40,000	$70,000	0	$70,000
265	FC1503	Interior/Exterior Renovations	$40,000	-$40,000	0	0	0
266	ES0201	NRH Animal Adoption & Rescue Center	$4,400,000	$0	$4,400,000	$0	$4,400,000
		Sub-Total	**$4,470,000**	**$150,000**	**$4,620,000**	**$0**	**$4,620,000**
MAJOR CAPITAL EQUIPMENT CAPITAL PROJECTS							
267	IS1503	Network Equipment Replacement	0	$1,103,944	$1,103,944	0	$1,103,944
268	IS1501	Replace/Enhance Dispatch Center Recording Equipment	$125,000	$71,171	$196,171	$0	$196,171
269	IS1502	Replacement of CAD/RMS Software Platform	3,000,000	(150,000)	$2,850,000	$0	$2,850,000
270	FD1501	SCBA Air Pack Replacement	0	400,000	$400,000	$0	$400,000
271	IS1203	Teleworks Replacement for Online and VOIP Platforms	130,000	(30,000)	$100,000	$0	$100,000
		Sub-Total	**$3,255,000**	**$1,395,115**	**$4,650,115**	**$0**	**$4,650,115**
ECONOMIC DEVELOPMENT CAPITAL PROJECTS							
272	ED1501	Neighborhood Revitalization Program	0	$206,184	$206,184	0	$206,184
273	ED1502	Strategic Land Acquisition	$0	$1,680,000	$1,680,000	$0	$1,680,000
274	ED1502	Strategic Land Acquisition	$1,680,000	($1,660,000)	$20,000		$20,000
275	ED0601	TIF 1 Expansion-Intersection improvements/Utility Burial	3,000,000	-	3,000,000	0	3,000,000
276	ED1503	TOD Land Management	-	1,200,000	1,200,000	0	1,200,000
		Sub-Total	**$4,680,000**	**$1,426,184**	**$6,106,184**	**$0**	**$6,106,184**
OTHER CAPITAL PROJECTS							
277	FC1505	North Texas Anit-Gang Center	$0	$1,211,751	$1,211,751	$0	$1,211,751
		Sub-Total	**$0**	**$1,211,751**	**$1,211,751**	**$0**	**$1,211,751**
		Total All Projects	**$67,252,298**	**$4,258,051**	**$71,510,349**	**$0**	**$71,510,349**
SOURCES OF FUNDS							
		General Obligation Bonds	$10,385,950	$0	$10,385,950	$0	$10,385,950
		Certificates of Obligations	33,670,000	0	33,670,000	0	33,670,000
		Federal / State Grants	12,895,120	1,282,922	14,178,042	0	14,178,042
		Reserves	4,016,236	2,233,944	6,250,180	0	6,250,180
		Sales Tax	3,440,112	1	3,440,113	0	3,440,113
		Other	2,844,880	741,184	3,586,064	0	3,586,064
		Total Sources of Funds	**$67,252,298**	**$4,258,051**	**$71,510,349**	**$0**	**$71,510,349**

Street & Sidewalk Capital Projects

Rufe Snow Dr. Street & Utility Imp. (Karen Dr. to I.H. 820

ST0102

PROJECT DESCRIPTION & JUSTIFICATION

This project begins at Karen Drive and ends on the north side of Corona Drive. The intersection at Meadowlakes Drive will be improved as part of the project. Rufe Snow will be widened with right turn lands 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 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		01/2011	
Construction	06/2014		11/2015	
Other				

REVISION EXPLANATION

A revision was made due to additional services required to incorporate the current city standards and system into the plans and specifications for the traffic signal components.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	$785,950	$0	$785,950	$0	**$785,950**
Reserves	100,000	0	100,000	0	**$100,000**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$885,950**	**$0**	**$885,950**	**$0**	**$885,950**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	170,000	14,500	184,500	0	**$184,500**
Land/ROW Acquistion	198,331	0	198,331	0	**$198,331**
Construction	517,619	(14,500)	503,119		**$503,119**
Other			0		**$0**
Total	**$885,950**	**$0**	**$885,950**	**$0**	**$885,950**

IMPACT ON OPERATING BUDGET

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

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Utility Capital Projects

Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)

ST0102

PROJECT DESCRIPTION & JUSTIFICATION

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.

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.

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		01/2011	
Construction	06/2014		11/2015	11/2016
Other				

REVISION EXPLANATION

Project bids came in higher than anticipated. Funding that was to be utilized for for project ST0202 Rufe Snow Street & Utility Improvements (Mid Cities to Hightower), will be moved to to this project to cover the higher than anticipated expenditures.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligations Bonds	$785,950	$500,000	$1,285,950		**$1,285,950**
Centificate of Obligations			0		**$0**
Federal/State Grants			0		**$0**
Reserves	100,000		100,000		**$100,000**
Other			0		**$0**
Total	**$885,950**	**$500,000**	**$1,385,950**	**$0**	**$1,385,950**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	170,000		170,000		**$170,000**
Land/ROW Acquistion	198,331		198,331		**$198,331**
Construction	517,619	500,000	1,017,619		**$1,017,619**
Other			0		**$0**
Total	**$885,950**	**$500,000**	**$1,385,950**	**$0**	**$1,385,950**

IMPACT ON OPERATING BUDGET

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

Street & Sidewalk Capital Projects

Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]

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.

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.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	10/2001		10/2007	
Engineering	03/2008		03/2014	
Land/ROW Acquisition	04/2011		06/2014	
Construction	09/2014		05/2015	05/2017
Other				

REVISION EXPLANATION

Available drainage savings were recognized when bids for DR1004 Meadowview Estates Drainage Project came in lower than anticipated. A portion of these drainage savings will be moved from DR1004 to ST0202 to cover a portion of the drainage expenses associated with this project. This frees street funding to cover the higher than anticipated bids received for ST0102 Rufe Snow (Karen to IH820). The net change to the project is $0.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bond	$5,690,000		$5,690,000		**$5,690,000**
Certificate of Obligation	2,900,000		2,900,000		**$2,900,000**
Federal/State Grants	12,162,000		12,162,000		**$12,162,000**
Reserves	951,236		951,236		**$951,236**
			0		**$0**
Total	**$21,703,236**	**$0**	**$21,703,236**	**$0**	**$21,703,236**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	1,600,000		1,600,000		**$1,600,000**
Land/ROW Acquistion	7,033,236		7,033,236		**$7,033,236**
Construction	13,070,000		13,070,000		**$13,070,000**
Other			0		**$0**
Total	**$21,703,236**	**$0**	**$21,703,236**	**$0**	**$21,703,236**

IMPACT ON OPERATING BUDGET

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

Drainage Capital Projects

Calloway Branch Channel Repair Project

DR1503

PROJECT DESCRIPTION & JUSTIFICATION

With the extraordinary rainfall this spring the side slopes of a portion of the 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 on the channel back. The bottom line is that the clay material is not suited to exist at the reuired slope with elevated moisture content. While the rains this year were unusually high, there is a high probability that we will experience this level of rainfall again at some point in time.

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		02/2016		08/2016
Other				

REVISION EXPLANATION

This is an emergency repair that was forced to a project creation after the adoption of the FY15 budget.

FINANCIAL DATA

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

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Drainage Capital Projects

Concrete Lined Channel Rehabilitation Project

DR1401

PROJECT DESCRIPTION & JUSTIFICATION

This project involves beginning a rehabilitation process of the City's seven (7) miles of concreted lined channels. the scope 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 STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2013	10/2013	11/2014	01/2016
Other				

REVISION EXPLANATION

Funds are needed for the emergency repair to the Calloway Branch Channel Repair 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	($68,500)	$131,500	$0	**$131,500**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$200,000**	**($68,500)**	**$131,500**	**$0**	**$131,500**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	200,000	(68,500)	131,500	0	**$131,500**
Other			0		**$0**
Total	**$200,000**	**($68,500)**	**$131,500**	**$0**	**$131,500**

IMPACT ON OPERATING BUDGET

Minimal operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	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.

The city began upgrading the existing drainage system in Main Street during the late 1990's. The last section of the drainage system in Main Street was planned to be reconstructed with the Crane Road Paving Project in early 2000. However there were not sufficient funds to cover the cost of te Drainage Improvements in Main Street so that portion was put off to a future date.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	11/2014	05/2015	03/2015	10/2015
Land/ROW Acquisition				
Construction	05/2015	12/2015		09/2016
Other				

REVISION EXPLANATION

To cover a higher than expected professional services cost.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds			$0		**$0**
Certificate of Obligations			0		**$0**
Federal/State Grants			0		**$0**
Reserves	800,000	0	800,000		**$800,000**
Other			0		**$0**
Total	**$800,000**	**$0**	**$800,000**	**$0**	**$800,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	75,000	14,500	89,500		**$89,500**
Land/ROW Acquistion			0		**$0**
Construction	725,000	(14,500)	710,500		**$710,500**
Other			0		**$0**
Total	**$800,000**	**$0**	**$800,000**	**$0**	**$800,000**

IMPACT ON OPERATING BUDGET

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

Drainage Capital Projects

Meadowview Estates Drainage Project

DR1004

PROJECT DESCRIPTION & JUSTIFICATION

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.

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 for this 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 slop that is currently earthen bank and as such will reduce future maintenance cost. General Obligation Bonds are part of the 2003 Bond Program.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	09/2015		04/2013	
Land/ROW Acquisition				
Construction	04/2014		03/2015	10/2015
Other				

REVISION EXPLANATION

The bids received for this project where lower than anticipated. Funding in the amount of $500,000 will be moved to ST0202 Rufe Snow (Mid Cities to Hightower) to cover a portion of the drainage expense associated with that project. This will free up street funding to cover increased expenditures associated with ST0102 Rufe Snow (Karen to IH820) resulting from high than anticipated bids.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	$2,500,000	($500,000)	$2,000,000		**$2,000,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$2,500,000**	**($500,000)**	**$2,000,000**	**$0**	**$2,000,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	415,000		415,000		**$415,000**
Land/ROW Acquistion			0		**$0**
Construction	2,085,000	(500,000)	1,585,000		**$1,585,000**
Other			0		**$0**
Total	**$2,500,000**	**($500,000)**	**$2,000,000**	**$0**	**$2,000,000**

IMPACT ON OPERATING BUDGET

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

Drainage Capital Projects

Meadowview Estates Drainage Project

DR1004

PROJECT DESCRIPTION & JUSTIFICATION

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.

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 for this 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 slop that is currently earthen bank and as such will reduce future maintenance cost. General Obligation Bonds are part of the 2003 Bond Program.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	09/2015		04/2013	
Land/ROW Acquisition				
Construction	04/2014		03/2015	10/2015
Other				

REVISION EXPLANATION

An emergency arose this FY at the Walker Branch Creek Channel that required repairs due to the heavy rains the area received. Money was transferred from this project to project number DR1502.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	$2,000,000	($136,778)	$1,863,222		**$1,863,222**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$2,000,000**	**($136,778)**	**$1,863,222**	**$0**	**$1,863,222**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	415,000	0	415,000		**$415,000**
Land/ROW Acquistion			0		**$0**
Construction	1,585,000	(136,778)	1,448,222		**$1,448,222**
Other			0		**$0**
Total	**$2,000,000**	**($136,778)**	**$1,863,222**	**$0**	**$1,863,222**

IMPACT ON OPERATING BUDGET

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

Drainage Capital Projects

Walker Branch Channel Repair

DR1502

PROJECT DESCRIPTION & JUSTIFICATION

Following recent heavy rains, portions of the Walker Branch Channel just downstream of Hardwood Road experienced structural issues along the east bank adjacent to an apartment complex. The channel bank needs to be reestablished and fortified to prevent intrusion intot he adjacent property. Aconcrete headwall structure will be poured in place of the failed gabion structure, and paving repair will be perfomed on the adjacent property where the loss of bank material impacted several parking spaces.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction		07/2015		09/2015
Other				

REVISION EXPLANATION

This was an emergency project not included in the FY15 capital budget. Funds are being transfered from DR1004.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO Bond	$0	$136,778	$136,778	$0	**$136,778**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$136,778**	**$136,778**	**$0**	**$136,778**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	0	136,778	136,778	0	**$136,778**
Other			0		**$0**
Total	**$0**	**$136,778**	**$136,778**	**$0**	**$136,778**

IMPACT ON OPERATING BUDGET

No operating impact

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Utility Capital Projects

Miscellaneous Water/Sewer Main Replacements

UT1403

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: Lancashire Drive (Buckingham to Yarmouth), Stone Drive (Mary to Jean Ann), Lariat Trail (Meadow Lakes to Riviera), and Redondo (4512 Redondo to Riviera). 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	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2013		09/2014	
Other				

REVISION EXPLANATION

Revised budget to reflect additional cost associated for the Redondo Sewer Project, including dump site services, street repairs and other related purchases.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	$420,000	$29,179	$449,179		**$449,179**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$420,000**	**$29,179**	**$449,179**	**$0**	**$449,179**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	420,000	29,179	449,179		**$449,179**
Other			0		**$0**
Total	**$420,000**	**$29,179**	**$449,179**	**$0**	**$449,179**

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Utility Capital Projects

Small Water Main Replacements

UT1405

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: Deville Dr. (Victoria to Cummings), Tunbridge Dr. (Sandhurst E. to Sandhurst S.), Main Street (Amundson to Sherri Lane). 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.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2013	10/2013	09/2014	09/2014
Other				

REVISION EXPLANATION

Revised budget to reflect transfer to UT1403 Miscellaneous Water/Sewer Main Replacements (2014)

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	$420,000	($29,179)	$390,821		**$390,821**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$420,000**	**($29,179)**	**$390,821**	**$0**	**$390,821**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	420,000	(29,179)	390,821		**$390,821**
Other			0		**$0**
Total	**$420,000**	**($29,179)**	**$390,821**	**$0**	**$390,821**

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Parks & Recreation Capital Projects

Adventure World Playground Renovation

PK 1201

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for a major renovation of Adventure World Playground. Drainage improvements are being planned in and around the playground in addition to the complete replacement of the largest play area and associated accessible play components. The remainder of the small play areas will be carefully evaluated to determine their usability and to formulate a plan for renovation or removal and replacement. The restroom building will be assessed for any improvements necessary to maintain ADA compliance.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	04/2012		08/2013	
Engineering				
Land/ROW Acquisition				
Construction	09/2013		03/2014	
Other				

REVISION EXPLANATION

Revising the budget to reflect transfer of funds to PK0404.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$548,521	($7)	$548,514		**$548,514**
Other	104,725		104,725		**$104,725**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$653,246**	**($7)**	**$653,239**	**$0**	**$653,239**
PROJECT EXPENDITURES					
Professional Services	$52,100		$52,100		**$52,100**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	601,146	(7)	601,139		**$601,139**
Other			0		**$0**
Total	**$653,246**	**($7)**	**$653,239**	**$0**	**$653,239**

IMPACT ON OPERATING BUDGET

There is not an operating impact from this project

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Parks & Recreation Capital Projects

Barfield / Cotton Belt Trail Connector

PK1401

PROJECT DESCRIPTION & JUSTIFICATION

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.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	10/2013		01/2014	04/2015
Engineering				
Land/ROW Acquisition				
Construction	03/2014		05/2014	09/2015
Other				

REVISION EXPLANATION

Funds needed to cover the cost of the preparation of Construction Documents and Permit for the Trail connector at John Barfield Trail and the Cotton Belt Trail.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$45,000	$20,000	$65,000	$0	**$65,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$45,000**	**$20,000**	**$65,000**	**$0**	**$65,000**
PROJECT EXPENDITURES					
Professional Services	$5,000		$5,000		**$5,000**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	40,000	20,000	60,000		**$60,000**
Other			0		**$0**
Total	**$45,000**	**$20,000**	**$65,000**	**$0**	**$65,000**

IMPACT ON OPERATING BUDGET

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

Parks & Recreation Capital Projects

Calloway Branch Trail Development (CMAQ)

PK9601

PROJECT DESCRIPTION & JUSTIFICATION

Design and construction of 5 miles on-road/off-road multi-use concrete trail along the Calloway Branch Drainage Corridor from Liberty Park to the John Barfield Trail.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	04/1996		09/2012	
Engineering				
Land/ROW Acquisition				
Construction	04/2013		04/2014	09/2015
Other				

REVISION EXPLANATION

Funds needed to cover the cost of the preparation of Construction Documents and Permit for the Trail Connector at John Barfield Trail and the Cotton Belt Trail.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Federal/State Grants	$733,120		$733,120		**$733,120**
Sales Tax	776,691	(20,000)	756,691		**$756,691**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$1,509,811**	**($20,000)**	**$1,489,811**	**$0**	**$1,489,811**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design	275,973		275,973		**$275,973**
Land/ROW Acquistion			0		**$0**
Construction	1,233,838	(20,000)	1,213,838		**$1,213,838**
Other			0		**$0**
Total	**$1,509,811**	**($20,000)**	**$1,489,811**	**$0**	**$1,489,811**

IMPACT ON OPERATING BUDGET

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

Parks & Recreation Capital Projects

NRH Recreation Center (TIF #2)

PK 0404

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for design and construction of a recreation center of approx. 86,000 square feet and will include indoor leisure and aquatic features. Other amenities include a double gymnasium, expansive fitness center, indoor walking track, classrooms, pre-school/day care room, banquet/meeting space, senior center, elevated 2nd floor terrace, kitchen facilities, showers, lockers, and offices.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	10/2007		03/2008	
Engineering	03/2009		01/2012	
Land/ROW Acquisition				
Construction	10/2010		04/2012	
Other	10/2010		10/2013	

REVISION EXPLANATION

Revising the budget to cover the cost of modification to the showers at the NRH Centre. Additional funds are needed to cover the "after-hour" work by the contractor to minimize the impact of NRH Centre operations, and the purchase of Red Guard Sealer that was needed for the women's showers.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	$110,000	$0	$110,000		**$110,000**
Sales Tax	1,580,000	4,246	1,584,246		**$1,584,246**
Certificates of Obligation	23,300,000	0	23,300,000		**$23,300,000**
Other	30,155	0	30,155		**$30,155**
			0		**$0**
Total	**$25,020,155**	**$4,246**	**$25,024,401**	**$0**	**$25,024,401**
PROJECT EXPENDITURES					
Professional Services	$0	$0	$0		**$0**
Engineering/Design	2,356,256	0	2,356,256		**$2,356,256**
Land/ROW Acquistion	0	0	0		**$0**
Construction	21,906,399	4,246	21,910,645		**$21,910,645**
Other	757,500	0	757,500		**$757,500**
Total	**$25,020,155**	**$4,246**	**$25,024,401**	**$0**	**$25,024,401**

IMPACT ON OPERATING BUDGET

The department has received the updated Performa from the consultants which provided the estimated expenditures and revenue figures. The estimated annual financial impact as calculated is shown below.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	2,937,617	0	0	0	0	**$2,937,617**

Parks & Recreation Capital Projects

Parks Infrastructure Maintenance (2013)

PK 1302

PROJECT DESCRIPTION & JUSTIFICATION

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 drainage issues within and along various parks and trails, flatwork and sidewalk repair at various parks, re-lamping ball field lights, play structure repairs at various playgrounds, painting park buildings (restrooms/concessions/pavilions), and repairs to the fishing docks at Green Valley Park.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2012		09/2013	
Other				

REVISION EXPLANATION

Revising the budget to reflect transfer of funds to PK0404.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$146,000	($514)	$145,486		**$145,486**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$146,000**	**($514)**	**$145,486**	**$0**	**$145,486**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	146,000	(514)	145,486		**$145,486**
Other			0		**$0**
Total	**$146,000**	**($514)**	**$145,486**	**$0**	**$145,486**

IMPACT ON OPERATING BUDGET

There is not an operating impact from this project

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Parks & Recreation Capital Projects

Park Maintenance Infrastructure (2015)

PK1506

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for maintenance of park infrastructure in response to age and use. 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 sports field 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 STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2014		09/2015	
Other				

REVISION EXPLANATION

Closing PK0908, transferring remaining funds to PK1506 to help cover the cost of park rules and regulation signs replacement.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$228,900	$3,697	$232,597		**$232,597**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$228,900**	**$3,697**	**$232,597**	**$0**	**$232,597**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	228,900	3,697	232,597		**$232,597**
Other			0		**$0**
Total	**$228,900**	**$3,697**	**$232,597**	**$0**	**$232,597**

IMPACT ON OPERATING BUDGET

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

Parks & Recreation Capital Projects

Tennis Center Infrastructure Management (2013)

PK 1303

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for maintenance of the Tennis Center infrastructure in response to use and age. The Parks and Recreation Department developed an Infrastructure Management Plan for the Richland Tennis Center which addresses long term funding needs for replacement and renovation, demonstrating responsible stewardship of property assets by the City on behalf of its citizens. The 2012/2013 priority will be removal and replacement of the slat-wall within the lobby area and updating all original plumbing fixtures in the facility..

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2012		09/2013	
Other				

REVISION EXPLANATION

Revising the budget to reflect transfer of funds to PK0404.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$60,000	($3,724)	$56,276		**$56,276**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$60,000**	**($3,724)**	**$56,276**	**$0**	**$56,276**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	60,000	(3,724)	56,276		**$56,276**
Other			0		**$0**
Total	**$60,000**	**($3,724)**	**$56,276**	**$0**	**$56,276**

IMPACT ON OPERATING BUDGET

There is not an operating impact from this project

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Parks & Recreation Capital Projects

Trail Signage and Identification

PK0908

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the design and installation of identification and information signs to be introduced along major trails within the trail system. The sign installations for each major trail would include the introduction of one large identification sign with a City-wide trail map locator, three "you are here" signs at terminus and mid-points, and smaller identification signs at cross streets.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	04/2009	04/2009	03/2014	11/2014
Other				

REVISION EXPLANATION

Balance of project funds to be transferred to PK1506 Park Maintenance Infrastructure (2015) to help offset the cost of park signs.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	$52,486	($3,697)	$48,789		**$48,789**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$52,486**	**($3,697)**	**$48,789**	**$0**	**$48,789**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	52,486	(3,697)	48,789		**$48,789**
Other			0		**$0**
Total	**$52,486**	**($3,697)**	**$48,789**	**$0**	**$48,789**

IMPACT ON OPERATING BUDGET

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

Aquatic Park Capital Projects

NRH2O Facility Enhancements and Improvements

WP 1502

PROJECT DESCRIPTION & JUSTIFICATION

Development of branding scheme for water park including fabrication and installation of sign and park enhancements as dictated by branding scheme.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	10/2014		09/2015	
Engineering				
Land/ROW Acquisition				
Construction	01/2015	07/2015	05/2015	12/2015
Other				

REVISION EXPLANATION

The scope of professional services expanded based on the needs of the water park beyond the initial development of the project a year ago. The revision is to account for this.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
water park reserves	$200,000	$0	$200,000	$0	**$200,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$200,000**	**$0**	**$200,000**	**$0**	**$200,000**
PROJECT EXPENDITURES					
Professional Services	$10,000	$57,500	$67,500		**$67,500**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	190,000	(57,500)	132,500		**$132,500**
Other			0		**$0**
Total	**$200,000**	**$0**	**$200,000**	**$0**	**$200,000**

IMPACT ON OPERATING BUDGET

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

Aquatic Park Capital Projects

NRH2O Parking Lot Improvements

WP 1504

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	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction		09/2015		12/2015
Other				

REVISION EXPLANATION

The developer of the proposed commercial property on the north side of the parking lot at NRH2O recently announced their plans to begin construction of their new development later this year. The re-configuration of the NRH2O parking lot is necessary to accommodate their development plans.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	$0	$75,000	$75,000	$0	**$75,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$75,000**	**$75,000**	**$0**	**$75,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	0	75,000	75,000		**$75,000**
Other			0		**$0**
Total	**$0**	**$75,000**	**$75,000**	**$0**	**$75,000**

IMPACT ON OPERATING BUDGET

N/A

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

Facilities Capital Projects

Disaster Recovery EOC Infrastructure

FC1506

PROJECT DESCRIPTION & JUSTIFICATION

Addition of 400 AMP electrical service from the ONCOR transformer to provide service to EOC future UPS systems and data servers. Wiring and 200amp electrical panel to be located in the IT server room and required electrical outlets. The existing generator will be removed and the area will be enclosed with matching exterior finish. A new generator pad with measurements of 11'0" x 16' 0" will be constructed with a privacy fence surrounding the area. Conduit will be installed underground to the enclosure from the generator pad. There is a plan in place for repurposing the 100 KVA generator at the Police Department on the generator pad, as well as repurposing two (2) 18 KVA UPS from City Hall. Update to the backup dispatch office and EOC telecommunication capabilities requires an increase in power available for these services. This will provide the city with the necessary infrastructure and equipment to handle emergency communications in any situation should the main dispatch go offline.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services		02/2015		10/2015
Engineering		02/2015		10/2015
Land/ROW Acquisition				
Construction		02/2015		10/2015
Other				

REVISION EXPLANATION

This project was not included in the original FY14/15 Budget. Funding for this project is CO

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
CO's	$0	$150,000	$150,000		**$150,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$150,000**	**$150,000**	**$0**	**$150,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	0	150,000	150,000		**$150,000**
Other			0		**$0**
Total	**$0**	**$150,000**	**$150,000**	**$0**	**$150,000**

IMPACT ON OPERATING BUDGET

No operating impact is expected.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Facilities Capital Projects

Flooring and Cabinet Upgrades

FC1502

PROJECT DESCRIPTION & JUSTIFICATION

Remove ceramic tile and diamond grind concrete sub-floor in kitchen/dining and South bathroom areas at Fire Station #3 and the North bathroom areas at Fire Station #2 ($30,000). Remove and replace all cabinets and countertops in kitchen at Fire Station #3. Remove and replace countertops in the bathrooms at Fire Station #2 and Fire Station #3 ($40,000).
These facilities are 24/7 operations with high traffic of personnel. Ceramic tile is original to the construction of these facilities with above typical deterioration of grout and chipping of tile surfaces. Refinishing the concrete floor areas will remove trip hazards, improve indoor air quality. Countertop surfaces are cracking, pealing and showing the years of typical usage damage. This is a continuation of the City Long Range Plan for City Facilities. Replacing these items will provide necessary storage, provide germ-free food preparation ares, (stainless steel), extend the life cycle and enhance the aesthetics of each facility.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2014		09/2015	
Other				

REVISION EXPLANATION

This revision is a merger of FC1502 and FC1503 whose scope had changed and are now one project. This revision allows for the name of FC1502 to be changed to Flooring and Cabinet Upgrades, and brings in the funding from FC1503 to be included in the new FC1502 project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other - Facilities Operating Budget	$30,000	$40,000	$70,000		**$70,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$30,000**	**$40,000**	**$70,000**	**$0**	**$70,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	30,000	40,000	70,000	0	**$70,000**
Other			0		**$0**
Total	**$30,000**	**$40,000**	**$70,000**	**$0**	**$70,000**

IMPACT ON OPERATING BUDGET

No impact is expected.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Facilities Capital Projects

Interior/Exterior Renovations

FC1503

PROJECT DESCRIPTION & JUSTIFICATION

Repair interior walls as required, paint all interiors walls at Fire Station #1 and Fire Station #4 ($24,000).

Replace kitchen cabinets / countertops and bathroom countertops at Fire Station #3 ($11,500) Replace kitchen and bathroom countertops at Fire Station #2 ($4,500)

This is a continuation of the City Long Range Plan. The facilities experience high usage due to crew sizes and 24/7 operations. Providing these improvements protect the wall surfaces from further damage and seals the surfaces. It improves the indoor air quality, extends the serviceability and life cycle of the facilities and enhances the aesthetics.
The existing cabinetry and countertops are original to the construction and exhibits the years of 24/7 use.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2014		09/2015	
Other				

REVISION EXPLANATION

FC1503 is merging into project FC1502 and so this revision is for the transfer of funds from this project to FC1502.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other - Facilities Operating	$40,000	($40,000)	$0	$0	**$0**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$40,000**	**($40,000)**	**$0**	**$0**	**$0**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	40,000	(40,000)	0	0	**$0**
Other			0		**$0**
Total	**$40,000**	**($40,000)**	**$0**	**$0**	**$0**

IMPACT ON OPERATING BUDGET

None

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Municipal Facility Capital Projects

NRH Animal Adoption & Rescue Center - New Facility

ES0201

PROJECT DESCRIPTION & JUSTIFICATION

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.

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.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	04/2006	04/2006	12/2014	02/2015
Engineering	12/2006	12/2006	12/2014	02/2015
Land/ROW Acquisition				
Construction	02/2014	02/2014	12/2014	02/2015
Other				

REVISION EXPLANATION

Due to subcontractor issues and inclement weather, the project completion date has been revised.
Due to continued fundraising efforts, the amount of reserves needed is reduced.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	$700,000	($145,000)	$555,000	$0	**$555,000**
Other	930,000	145,000	1,075,000	0	**$1,075,000**
General Obligation Bonds	1,300,000	0	1,300,000	0	**$1,300,000**
Certificates of Obligation	1,470,000	0	1,470,000	0	**$1,470,000**
			0		**$0**
Total	**$4,400,000**	**$0**	**$4,400,000**	**$0**	**$4,400,000**
PROJECT EXPENDITURES					
Professional Services	$100,000	$0	$100,000	$0	**$100,000**
Engineering/Design	415,760	0	415,760	0	**$415,760**
Land/ROW Acquistion	0		0	0	**$0**
Construction	3,884,240	0	3,884,240	0	**$3,884,240**
Other	0	0	0	0	**$0**
Total	**$4,400,000**	**$0**	**$4,400,000**	**$0**	**$4,400,000**

IMPACT ON OPERATING BUDGET

No impact to operating budget

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

Major Capital Equipment Capital Projects

Network Equipment Replacement

IS1503

PROJECT DESCRIPTION & JUSTIFICATION

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.

This project is necessary to keep the City's network infrastructure functional and operational in a continuous uninterrupted state.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other		10/2014		12/2015

REVISION EXPLANATION

This is the creation of a capital project. This project will be incorporated into the FY14/15 Capital Project Budget during the annual budget process and mid-year revisions.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves (Information Services Reserves)	$0	$1,103,944	$1,103,944		**$1,103,944**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$1,103,944**	**$1,103,944**	**$0**	**$1,103,944**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	0	1,103,944	1,103,944		**$1,103,944**
Total	**$0**	**$1,103,944**	**$1,103,944**	**$0**	**$1,103,944**

IMPACT ON OPERATING BUDGET

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

Major Capital Equipment Capital Projects

Replace/Enhance Dispatch Center Recording Equipment

IS1501

PROJECT DESCRIPTION & JUSTIFICATION

Replace and upgrade audio logging recorder in Public Safety Communications. Statues 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 i outdated and no longer compatible with the advanced operating systems in use by the Dispatch Center.

As the radio equipment transitions to P25 compliant digital specifications, newer technology recording loggers are necessary to insure we are complaint 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 twas 2005/2006.

The other revenue sources is Information Systems Reserves.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other	10/2014	10/2014	10/2015	03/2016

REVISION EXPLANATION

This revision adds a Grant revenue source and the usage (expense) of that resource. The grant supports the original project description and justification.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Federal/State Grants	$0	$71,171	$71,171		**$71,171**
Reserves	125,000		125,000		**$125,000**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$125,000**	**$71,171**	**$196,171**	**$0**	**$196,171**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	125,000	71,171	196,171		**$196,171**
Total	**$125,000**	**$71,171**	**$196,171**	**$0**	**$196,171**

IMPACT ON OPERATING BUDGET

None.

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

Major Capital Equipment Capital Projects

Replacement of CAD/RMS Public Safety Software Platform

IS1502

PROJECT DESCRIPTION & JUSTIFICATION

Replacement of the current CAD/RMS software platform (CRIMES) with a different software and vendor. 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, & Haltom City.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other	10/2014		12/2014	

REVISION EXPLANATION

Revised budgeted amount for the moving of funds to FC1506 EOC infrastructure project

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
CO	$3,000,000	($150,000)	$2,850,000	$0	**$2,850,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$3,000,000**	**($150,000)**	**$2,850,000**	**$0**	**$2,850,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	3,000,000	(150,000)	2,850,000	0	**$2,850,000**
Total	**$3,000,000**	**($150,000)**	**$2,850,000**	**$0**	**$2,850,000**

IMPACT ON OPERATING BUDGET

Software platform maintenance

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	200,000	210,000	220,000	230,000	**$860,000**

Facilities Capital Projects

SCBA Air Pack Replacement (2017)

FD1501

PROJECT DESCRIPTION & JUSTIFICATION

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.
Most of the SCBA units exceed ten years in age and fail to even meet 2002 NFPA standards. The equipment must be replaced by January 2018 as it will have reached the end of its life cycle. 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.

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

REVISION EXPLANATION

This project was not included in the Adopted FY15 Capital Budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other	$400,000		$400,000		**$400,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$400,000**	**$0**	**$400,000**	**$0**	**$400,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	400,000		400,000		**$400,000**
Total	**$400,000**	**$0**	**$400,000**	**$0**	**$400,000**

IMPACT ON OPERATING BUDGET

No significant change is expected to the Operating Budget for maintenance over and above what is already accounted for. With that said, due to the nature of the equipment's use, there is always potential for impact on the operating budget .

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Major Capital Equipment Capital Projects

Teleworks Replacement for Online and VOIP Platforms

IS1203

PROJECT DESCRIPTION & JUSTIFICATION

This replacement will enhance all of the current IVR platforms used currently by the City-Utility Billing and Planning/Inspections. 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.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other	03/2012		09/2016	

REVISION EXPLANATION

Court is no longer involved with this project, funding therefore was lowered by the removal of Court Technology Funds, as well as a corresponding lowering of expense.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves - Information Services Reserve	$30,000	$0	$30,000	$0	**$30,000**
Reserves - Utility Fund	70,000	0	70,000	0	**$70,000**
Other - Court Technology Fund	30,000	(30,000)	0	0	**$0**
			0		**$0**
			0		**$0**
Total	**$130,000**	**($30,000)**	**$100,000**	**$0**	**$100,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	130,000	(30,000)	100,000	0	**$100,000**
Total	**$130,000**	**($30,000)**	**$100,000**	**$0**	**$100,000**

IMPACT ON OPERATING BUDGET

Maintenance cost from vendor.

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	20,000	0	**$20,000**

Economic Development Capital Projects

Neighborhood Revitalization Program (NRP)

ED 1501

PROJECT DESCRIPTION & JUSTIFICATION

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.

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.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction		02/2015		02/2017
Other				

REVISION EXPLANATION

Project was not included in the 2014/2015 Capital Budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other		$206,184	$206,184		**$206,184**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$206,184**	**$206,184**	**$0**	**$206,184**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other			0		**$0**
Total	**$0**	**$0**	**$0**	**$0**	**$0**

IMPACT ON OPERATING BUDGET

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

Economic Development Capital Projects

Strategic Land Acquisition

ED1502

PROJECT DESCRIPTION & JUSTIFICATION

This is for the purchase of property along Boulevard 26, south of Loop 820.

This project acquires property for strategic economic development use.

PROJECT STATUS

	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other		01/2015		09/2015

REVISION EXPLANATION

This project is added for strategic land acquisition.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other	$0	$1,680,000	$1,680,000	$0	**$1,680,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$1,680,000**	**$1,680,000**	**$0**	**$1,680,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	0	1,680,000	1,680,000	0	**$1,680,000**
Total	**$0**	**$1,680,000**	**$1,680,000**	**$0**	**$20,000**

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Economic Development Capital Projects

Strategic Land Acquisition

ED1502

PROJECT DESCRIPTION & JUSTIFICATION

This is for the purchase of property along Boulevard 26, south of Loop 820.

This project acquires property for strategic economic development use.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other		01/2015		09/2015

REVISION EXPLANATION

Project has been revised due to the property no longer being purchased.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other	$1,680,000	($1,660,000)	$20,000	$0	**$20,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$1,680,000**	**($1,660,000)**	**$20,000**	**$0**	**$20,000**
PROJECT EXPENDITURES					
Professional Services			$0		**$0**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction			0		**$0**
Other	1,680,000	(1,660,000)	20,000	0	**$20,000**
Total	**$1,680,000**	**($1,660,000)**	**$20,000**	**$0**	**$20,000**

IMPACT ON OPERATING BUDGET

None

ANNUAL OPERATING IMPACT	2014/15	2015/16	2016/17	2017/18	2018/19	TOTAL
Projected	0	0	0	0	0	**$0**

Drainage Capital Projects

TIF 1 Expansion-Intersection Improvements/Utility Burial

ED0601

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of making improvements at two intersections and burying approximately 1.25 miles of above ground utilities along Boulevard 26. These two locations represent a portion of an overall branding and marketing communications strategy planned for the section of Boulevard 26. 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. This is a cooperative effort between the Public Works Department, Planning & Inspections Department and Economic Development. 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.

PROJECT STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering	05/2006	08/2012		
Land/ROW Acquisition				
Construction	08/2014	12/2015		
Other	03/2014	10/2014		

REVISION EXPLANATION

We need to transfer the funds to cover future construction expenses with utility burial on Boulevard 26.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
CO's	$3,000,000	$0	$3,000,000	$0	**$3,000,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$3,000,000**	**$0**	**$3,000,000**	**$0**	**$3,000,000**
PROJECT EXPENDITURES					
Professional Services	$100,000	$0	$100,000	$0	**$100,000**
Engineering/Design	450,000	0	450,000	0	**$450,000**
Land/ROW Acquistion	450,000	(200,000)	250,000	0	**$250,000**
Construction	2,000,000	200,000	2,200,000	0	**$2,200,000**
Other			0	0	**$0**
Total	**$3,000,000**	**$0**	**$3,000,000**	**$0**	**$3,000,000**

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**

Economic Development Capital Projects

TOD Land Management

ED1503

PROJECT DESCRIPTION & JUSTIFICATION

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 STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition		04/2015		04/2016
Construction				
Other				

REVISION EXPLANATION

This is a new project introduced in mid-fiscal year.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Fund - Transportation Reserve		$1,200,000	$1,200,000		**$1,200,000**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$1,200,000**	**$1,200,000**	**$0**	**$1,200,000**
PROJECT EXPENDITURES					
Professional Services		$30,000	$30,000		**$30,000**
Engineering/Design			0		**$0**
Land/ROW Acquistion		1,170,000	1,170,000		**$1,170,000**
Construction			0		**$0**
Other			0		**$0**
Total	**$0**	**$1,200,000**	**$1,200,000**	**$0**	**$1,200,000**

IMPACT ON OPERATING BUDGET

Since this is from a reserve account, there is no impact to the operating budget.

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

Other Capital Projects

North Texas Anti-Gang Center

FC1505

PROJECT DESCRIPTION & JUSTIFICATION

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 STATUS	ORIGINAL START DATE	2014/15 REVISION	ORIGINAL END DATE	2014/15 REVISION
Professional Services	03/2015	03/2015	08/2016	
Engineering				
Land/ROW Acquisition				
Construction	03/2015	03/2015	09/2015	
Other	03/2015	03/2015	08/2016	

REVISION EXPLANATION

Council approved revision of Resolution No. 2015-026 on 02/09/2015.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2014/15	PROJECT REVISION	REVISED BUDGET THRU 2014/15	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Office of the Governor	$0	$1,211,751	$1,211,751		**$1,211,751**
			0		**$0**
			0		**$0**
			0		**$0**
			0		**$0**
Total	**$0**	**$1,211,751**	**$1,211,751**	**$0**	**$1,211,751**
PROJECT EXPENDITURES					
Professional Services	$0	$530,827	$530,827		**$530,827**
Engineering/Design			0		**$0**
Land/ROW Acquistion			0		**$0**
Construction	0	615,000	615,000		**$615,000**
Other	0	65,924	65,924		**$65,924**
Total	**$0**	**$1,211,751**	**$1,211,751**	**$0**	**$1,211,751**

IMPACT ON OPERATING BUDGET

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

NRH

CITY OF NORTH RICHLAND HILLS
ADOPTED 2015/2016 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 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

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 PRESENTAT-ION 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

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 of 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. 2015-022

WHEREAS, the City Council of the City of North Richland Hills, Texas received the Ad Valorem Tax Roll for the Tax Year 2015 from the Tarrant Appraisal District in the amount of $4,150,187,927, 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 14, 2014.

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 2015, be and is hereby ratified and said Tax Rolls shall be collectively considered the Tax Roll of this City for Tax Year 2015 and it is hereby in all things adopted and approved.

PASSED AND APPROVED this the 14th day of September, 2015.

CITY OF NORTH RICHLAND HILLS

By: _____
Oscar Trevino, Mayor

ATTEST:

_____
Alicia Richardson, City Secretary

APPROVED AS TO FORM AND LEGALITY:

_____
George A. Staples, City Attorney

APPROVED AS TO CONTENT:

_____
Mark C. Mills, Director of Budget & Research

ORDINANCE NO. 3372

AN ORDINANCE ADOPTING THE BUDGET FOR THE FISCAL YEAR OCTOBER 1, 2015 THOURGH SEPTEMBER 30, 2016, FOR THE CITY OF NORTH RICHLAND HILLS, TEXAS; ADOPTING THE AMENDED BUDGET FOR OCTOBER 1, 2014 THOUGH SEPTEMBER 30, 2015, AND PROVIDING FOR INVESTMENTS AND TRANSFERS.

WHEREAS, in accordance with Section 102.001, et seq, TEX. LOC. GOV'T Code, the City Manager submitted to the City Council a budget for Fiscal Year 2015/2016, and 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 24, 2015, and all taxpayers were given an opportunity to attend and participate in such public hearing;

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

SECTION 1. THAT the operating and capital budgets for the City of North Richland Hills, Texas, for the Fiscal Year beginning October 1, 2015 and ending September 30, 2016, in words and figures as shown herein, are adopted and approved as filed herewith. A copy of the approved budget shall be filed with the City Secretary.

SECTION 2. THAT 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. THAT the City Manager or his designee be and 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. THAT the amended budget for the City of North Richland Hills for the fiscal year beginning October 1, 2014, and ending September 30, 2015, filed herewith is hereby amended and approved. A copy of the amended budget shall be filed with the City Secretary.

SECTION 5. THAT the amended capital projects budget for the City of North Richland Hills for the fiscal year beginning October 1, 2014, and ending September 30, 2015, filed herewith are hereby amended and approved. A copy of the amended projects shall be filed with the City Secretary.

PASSED AND APPROVED on this the 14th day of September, 2015.

CITY OF NORTH RICHLAND HILLS

By: _____
Oscar Trevino, Mayor

ATTEST:

_____
Alicia Richardson, City Secretary

APPROVED AS TO FORM AND LEGALITY:

_____
George A. Staples, City Attorney

APPROVED AS TO CONTENT:

_____
Mark C. Mills, Director of Budget & Research

ORDINANCE NO. 3373

AN ORDINANCE SETTING THE TAX RATE FOR THE CITY OF NORTH RICHLAND HILLS FOR THE 2015 TAX YEAR

WHEREAS, The City of North Richland Hills has followed the procedures established by the Property Tax Code, including the publishing and posting of required notices and the holding of required public hearings; and

WHEREAS, The City Council has approved separately each of the two components of the tax rate hereinafter set forth;

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

SECTION 1. That there shall be and there is hereby levied the following taxes on each One Hundred Dollars ($100.00) of valuation on all taxable property within the City of North Richland Hills, Texas to be assessed and collected for the Tax Year 2015, Fiscal Year 2015/2016, for the purposes hereinafter stipulated, to-wit:

(a) For maintenance and operations levied on the $100.00 valuation; $0.364731; and

(b) For interest and sinking levied on the $100.00 valuation; $0.245269.

SECTION 2. That the tax rate for maintenance and operations of $0.364731 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 3. That the maintenance and operations tax rate of $0.364731 exceeds the effective maintenance and operations rate of $0.340745, therefore:

THIS TAX RATE WILL EFFECTIVELY BE RAISED BY 7.04 PERCENT AND WILL RAISE TAXES FOR MAINTENANCE AND OPERATIONS ON A $100,000 HOME BY APPROXIMATELY $23.98.

PASSED AND APPROVED on this the 14th day of September, 2015.

CITY OF NORTH RICHLAND HILLS

By: _____
Oscar Trevino, Mayor

ATTEST:

_____
Alicia Richardson, City Secretary

APPROVED AS TO FORM AND LEGALITY:

_____
George A. Staples, City Attorney

APPROVED AS TO CONTENT:

_____
Mark C. Mills, Director of Budget & Research

RESOLUTION NO. 2015-024

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

WHEREAS, the City of North Richland Hills, Texas (the "Issuer") intends to issue debt for the acquisition of municipal ambulances and street and excavation equipment and the acquisition and installation of park & recreational equipment (collectively, the "Project") and further intends to make certain capital expenditures with respect to the Project and currently desires and expects to reimburse the 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 ISSUER 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 $3,600,000.

PASSED AND APPROVED this the 28th day of September, 2015.

CITY OF NORTH RICHLAND HILLS

By: _____
Oscar Trevino, Mayor

ATTEST:

_____
Monica Solko, Assistant City Secretary

APPROVED AS TO FORM AND LEGALITY:

_____
George A. Staples, City Attorney

APPROVED AS TO CONTENT:

_____
Kent Austin, Director of Finance

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 statues.

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

Charles Scoma, Mayor

ATTEST:

Patricia Hutson

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 ≥ 48' roadway	20
	Collector ≥ 40' roadway	15
	Residential < 40' roadway	10
Posted speed limit	40 mph or higher	15
	35 mph	10
	≤ 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

Tommy Brown, Mayor

ATTEST:

Patricia Hutson

Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:

Rex McEntire

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 NRH_20; 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 deprecation) 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

Tommy Brown, Mayor

ATTEST:

Patricia Hutson

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

Tommy Brown, Mayor

ATTEST:

Jeanette Rivas

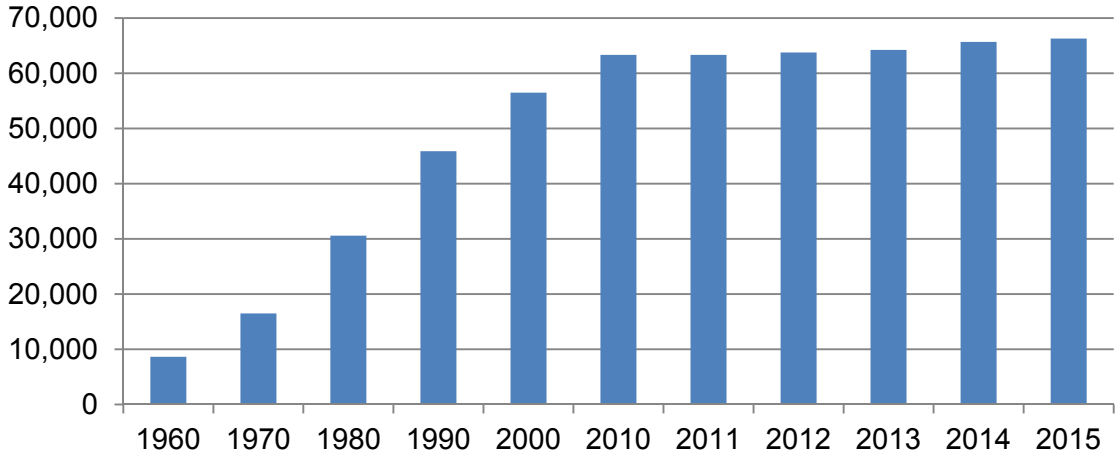
City Secretary

APPROVED AS TO FORM AND LEGALITY:

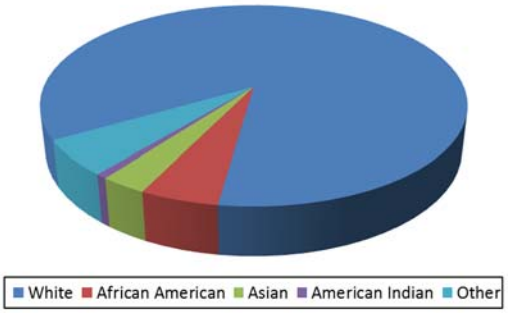
Attorney for the City

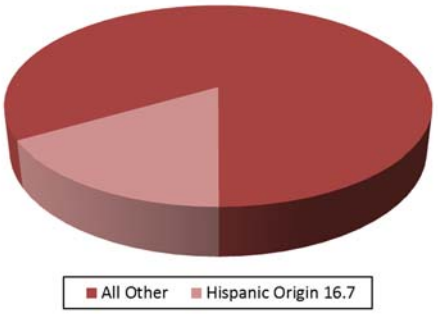
CITY OF NORTH RICHLAND HILLS
COMMUNITY PROFILE

Population Growth[1]



The City of North Richland Hills has grown from a population of 8,662 in 1960 to an estimated population of 66,300 in 2015. By population, North Richland Hills is the third largest city in Tarrant County.



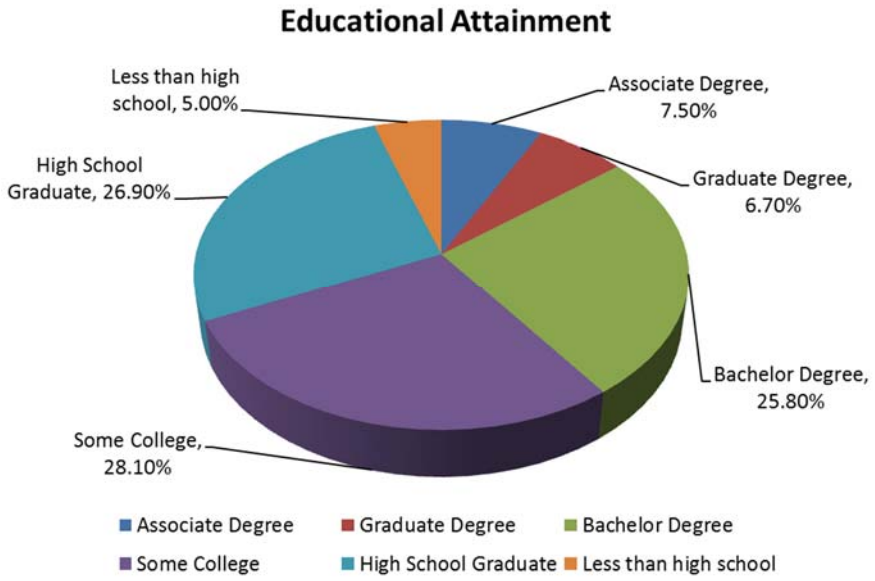


Racial Information[2]

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%

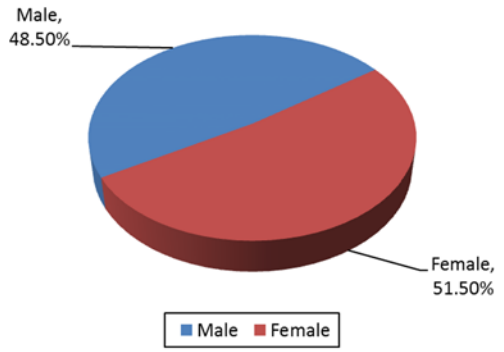
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

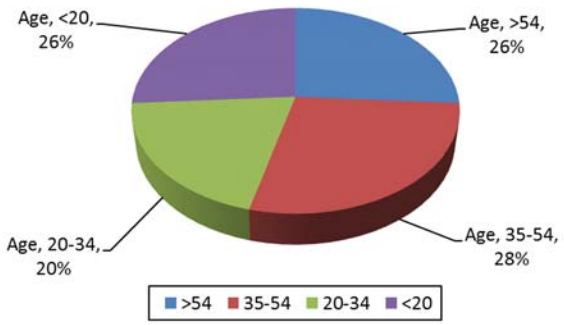
Educational Attainment[3]



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 Composition[4] and Age Distribution[5]

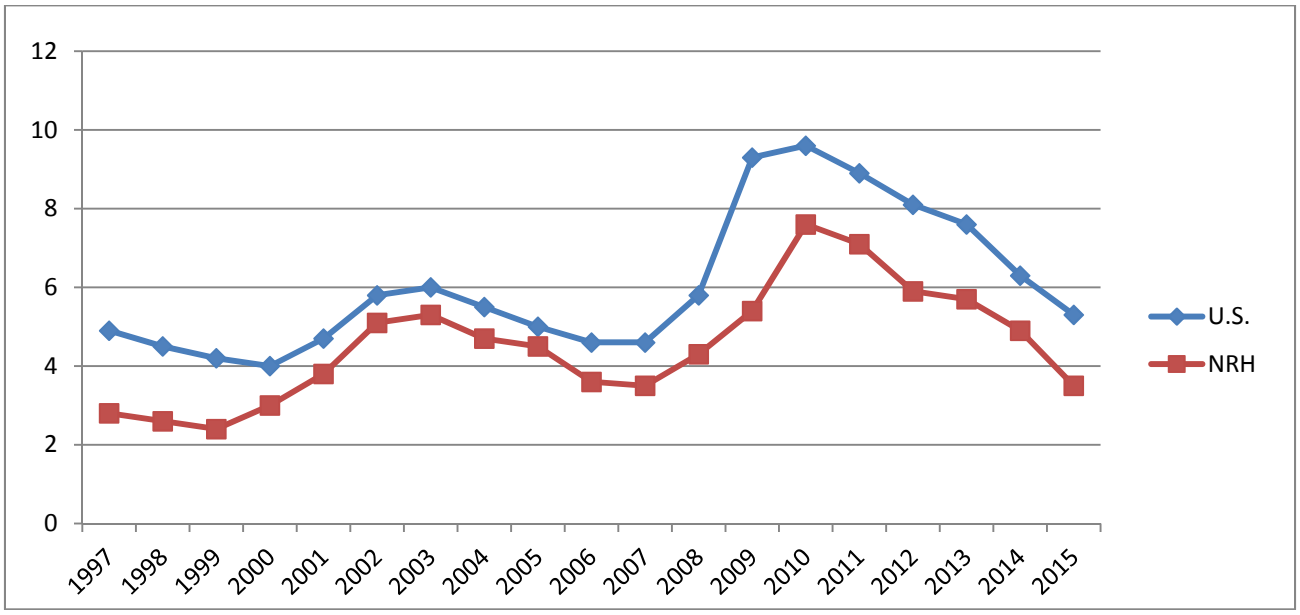




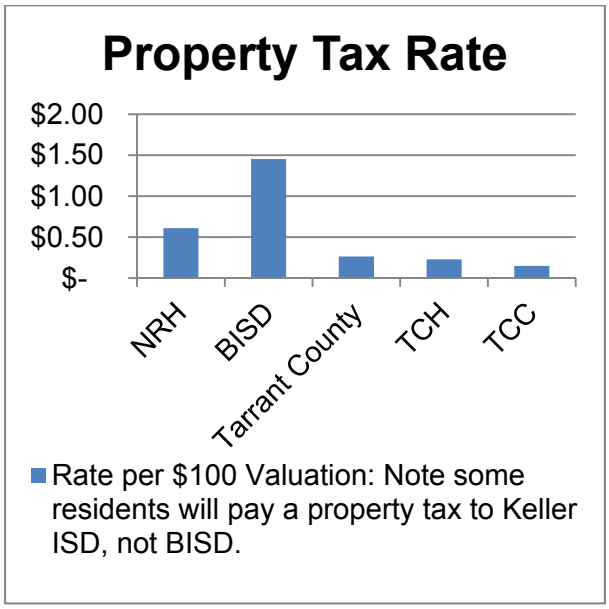
The gender composition for North Richland Hills is now 51.5% female and 48.5%[4] male. Of the current City population, 26% of citizens are 54 years old or older. The largest segment of the population within North Richland Hills is between the ages of 35 and 54 at 28%. Citizens between the ages of 20-34 make up 20% of the population, while citizens under the age of 20 make up 26%.

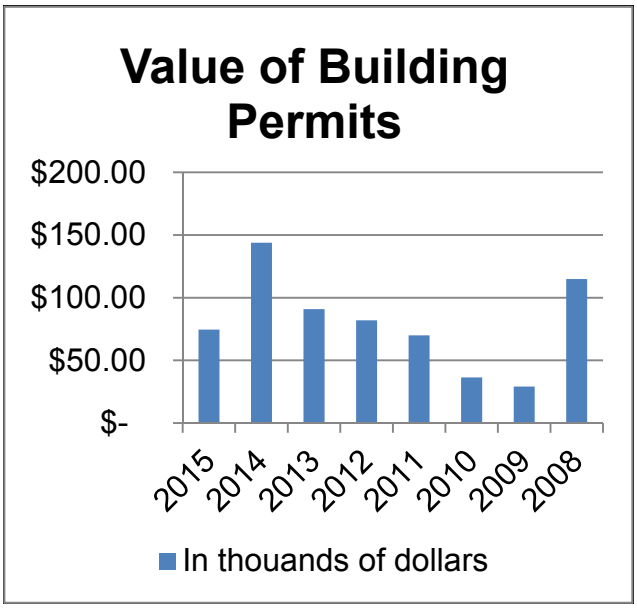
CITY OF NORTH RICHLAND HILLS
COMMUNITY PROFILE

Unemployment Rate[6]



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.





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,	Electricity
Economics	
Average Value	**Dollar Value**
Single Family Home	$ 165,227
Bond Rating	
Rating Agency	**Bond Rating**
Standard & Poor's	AA+
Moody's	AA2
2015 Appraised Value (As of 09/30/2015)	
Property Type	**Appraised Value**
Real Property	$ 4,697,887,931
Personal Property	$ 330,920,143
Other	$ 44,577,115
Library Information[8]	
Library Item	**Number of**
Library Materials	210,655
Annual Circulation	559,318
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

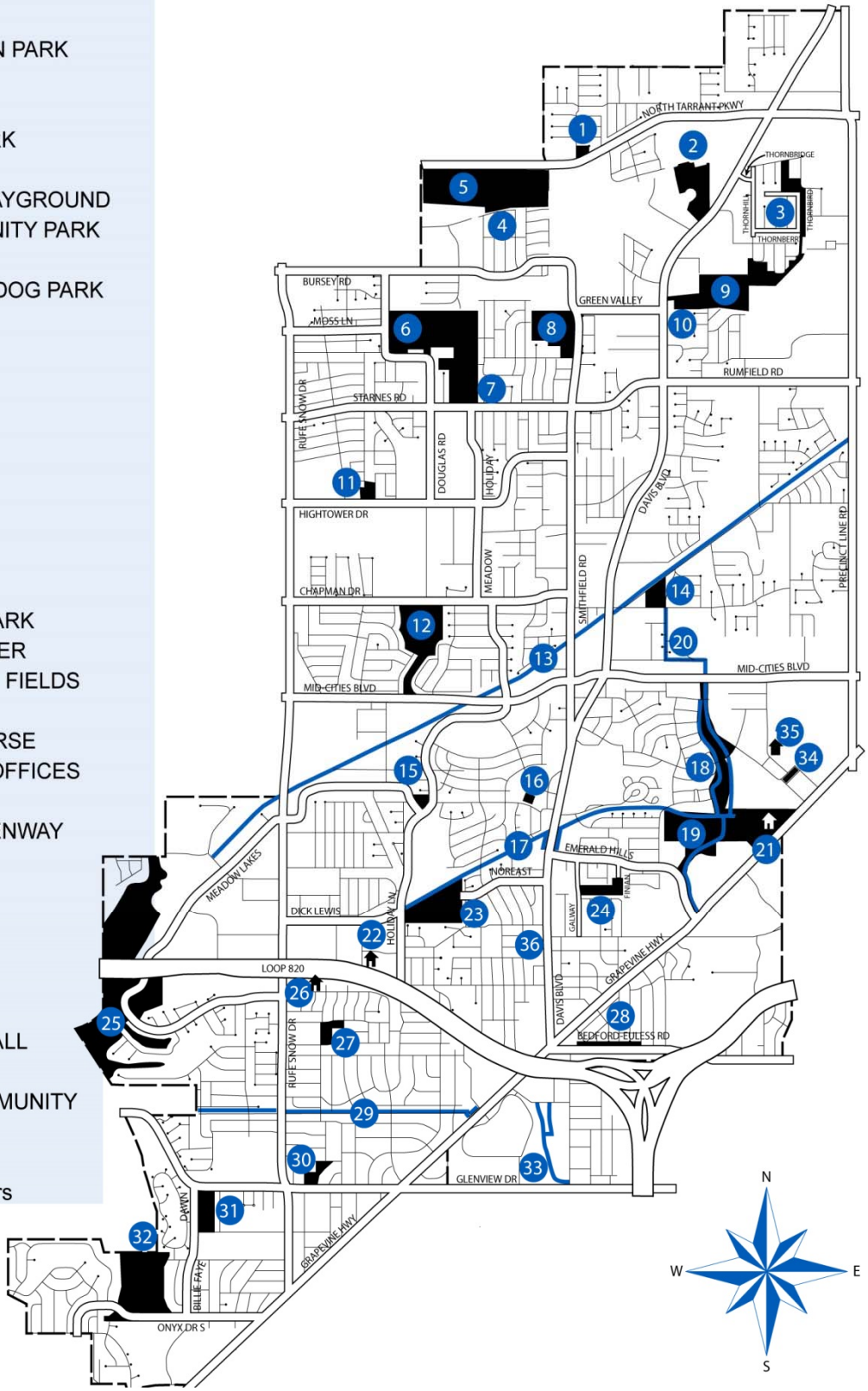
Parks, Trails and Facility Locations

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	Walmart Real Estate Bus Trust / Sam's	$56,481,483
2	Aragon 2014/8500 Harwood LLC	$46,787,500
3	Columbia N Hills Hosp Sub LP	$41,217,465
4	AP WP N Richland Hills Reit	$35,325,823
5	AP WP Green Reit LLC	$34,993,324
6	Enclave at Hometown LP	$34,950,000
7	Company One LLC	$30,408,220
8	Oncor Electric Delivery Co LLC	$23,194,169
9	Chesapeake Operating	$28,493,620
10	AR-Hightower LP Etal	$23,657,000

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	Silverleaf Resort	Call Center
6	Con-Way Freight Inc.	Transport Carrier
7	Bates Container	Box and Container
8	Impel Management Service	Medical Services
9	Fitz Manufacturing	Manufacturing
10	E Mortgage Logic	Property Appraisal

Source: North Richland Hills Economic Development www.nrhed.com. Data excludes the City of North Richland Hills and Birdville Independent School District.