

**City of North Richland Hills, Texas
Capital Projects Budget
Fiscal Year 2012/2013**



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City Manager's Office and
Budget & Research Department
City of North Richland Hills, Texas*

City of North Richland Hills

Annual Budget and Plan of Municipal Services Fiscal Year 2012/2013

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Texas**

For the Fiscal Year Beginning

October 1, 2011

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President

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, 2012. 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.

**CITY OF NORTH RICHLAND HILLS
ADOPTED 2012/2013 CAPITAL PROJECTS BUDGET**

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CITY OF NORTH RICHLAND HILLS

October 1, 2012

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

It is my pleasure and duty to submit herein the FY 2012/2013 Adopted Capital Projects Budget. The Capital Projects Budget includes major long-life equipment, funding for construction and renovations of city facilities and public infrastructure as well as funding for multi-year planning studies.

The approved budget includes \$22,039,204 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

The debt issuance for 2012/2013 is \$12,775,000, comprised of \$12,010,000 in general obligation bonds and \$765,000 in certificates of obligation. General obligation bonds are backed by the City's property tax revenues and must be approved by voters to issue. 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.

In May 2012 voters approved a referendum for a new Municipal Complex that will include a new City Hall, Municipal Court, and Public Safety facility. The total estimated cost of the facility is not to exceed \$70 million. Funding for the Municipal Complex is from the \$48,000,000 voter approved general obligation bonds as well as \$22,000,000 from other sources such as designated reserves, proceeds from the sale of city property, and funds received from TxDOT for the taking of property needed for the North Tarrant Express project.

In August 2012, \$25,000,000 of general obligation bonds were sold to fund the initial expenditures of the Municipal Complex project. In FY 2012/2013, another \$10,000,000 is budgeted in general obligation bonds for this project. Additionally, the adopted Capital Budget is scheduled to issue \$1,300,000 in general obligation bonds for the construction of a new Animal Adoption and Rescue Center. This is an existing project that was approved as part of the 2003 Bond Program. Lastly, \$710,000 in general obligation bonds will be issued to reconstruct Smithfield Road from Davis

Boulevard to Mid Cities Boulevard. Along with the development of the Municipal Complex, this project was included in the top priorities of the Capital Improvements Project Task Force, but was not included in the 2012 Bond Package. This project will be funded with previously unissued bonds from other 2003 Bond Program projects. Because of savings experienced by these projects, the full amount of the projected general obligation bond issuance was not required, which freed those bonds to be issued for the Smithfield project.

Two new projects will be funded through the issuance of certificates of obligation and are both included in the Major Capital Equipment category. The first is the replacement of one Public Works dump truck for \$105,000 and the other is the replacement of one Fire Department rescue pump truck for \$660,000. This is a total issuance of \$765,000 in certificates of obligation.

Not all of the adopted Capital Projects will be funded through the issuance of debt; many projects will be funded by other means. Funding for these projects comes from sales tax, state and federal grants, reserves, and transfers from the operating budget. The funding method for each project was thoroughly reviewed and analyzed before being included in the adopted budget.

FY 2012/2013 Adopted Capital Projects Budget Highlights

In addition to projects approved in previous years, there are many new projects included in the FY 2012/2013 Adopted Capital Projects Budget. I would like to take this opportunity to highlight some of these projects for you.

- The City Council continues to recognize the importance of dedicating funds on an annual basis for the repair and preventive maintenance of City Streets. This is important in that it delays more costly street reconstruction and extends the life of the current street system. Funding for the 22nd consecutive year of the Preventive Street Maintenance Program is adopted to continue at \$900,000. Asphalt overlay will be applied to 5.75 lane miles of public roads and slurry seal will be applied to 6.50 lane miles of public roads. We expect the overall street rating of 81.75 due to this work. This project will be funded through a transfer from operating funds in the General Fund and Capital Project reserves.
- The New Sidewalk and Sidewalk Rehabilitation Project is a new program developed to construct and rehabilitate sidewalks throughout the City. Council places a high priority on dedicating funds to provide and rehabilitate sidewalks for its residents. The new sidewalk portion will construct new sidewalks in high pedestrian areas of the city. The rehabilitation portion will provide rehabilitation to deteriorating sidewalks. The City recognizes the cost

to repair sidewalks can be costly for some property owners. This program will allow property owners to apply for city participation of their deteriorated sidewalks. Project funding is approved at \$50,000.

- Park maintenance is crucial to the safety of North Richland Hills citizens and visitors. The Parks Maintenance Project provides \$146,000 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. The adopted funding source for this project is sales tax.
- NRH₂O Family Water Park is one of the City's premier attractions and over the past few years there has been increased competition throughout the region. In order to keep our competitive edge, staff proposed the development of a Long Term Development Plan for NRH₂O that will guide the development and ultimate build out for the park. This plan will address future expansion and development, replacement of original existing attractions, theming, signage, parking, and other issues as identified. The estimated cost for this study is \$100,000 funded through the use of NRH₂O reserves.

Conclusion

In summary, the adopted FY 2012/2013 Capital Projects Budget includes many exciting continuing projects as well as new projects that will have a great long term impact for the Citizens of North Richland Hills. This budget addresses many of the needs of our citizens and each project works toward meeting the goals of City Council. The City Council has shown commitment to this community by continuing to ensure the maintenance and appearance of North Richland Hills and the results of this commitment are seen with each completed project. Thank you for continuing to communicate to management your priorities for the Capital Projects Budget; without which, North Richland Hills would not provide the quality of life its citizens deserve and expect.

Respectfully submitted,



Mark Hindman
City Manager

NRH

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.

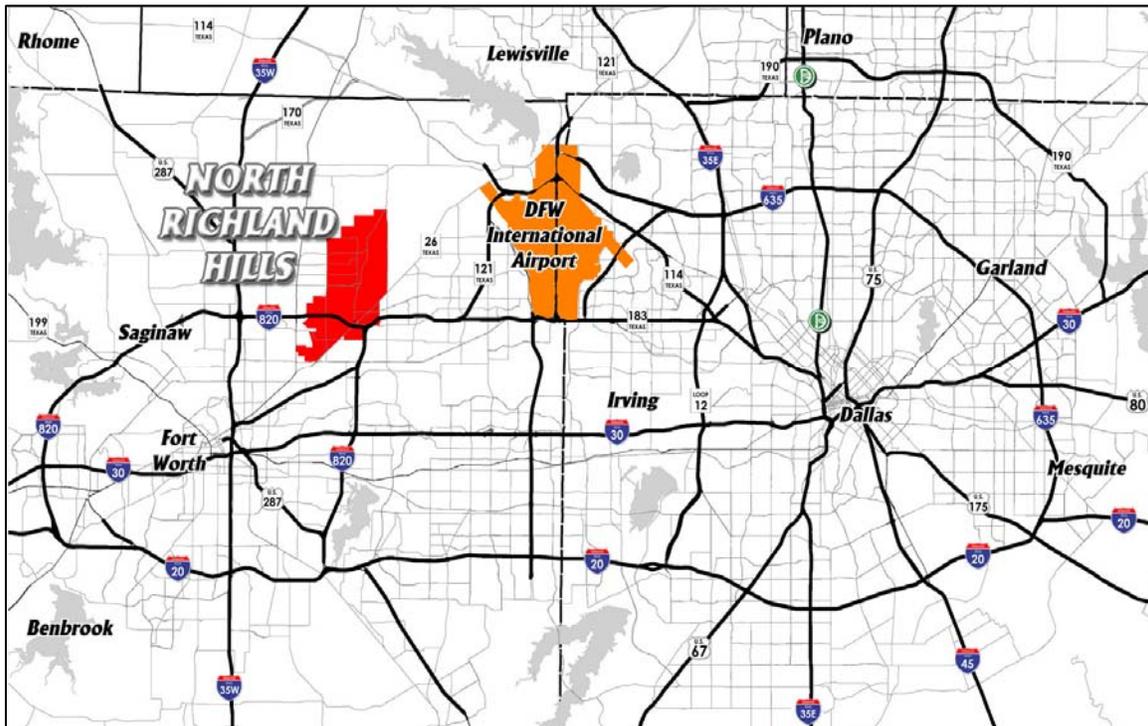
North Richland Hills operates under a Charter adopted in 1964 which provides for a "Council-Manager" form of government. The Mayor and seven Council members are elected at large. The City Council is responsible for all policy matters. The Council is the authority to levy taxes, secure revenues, authorize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

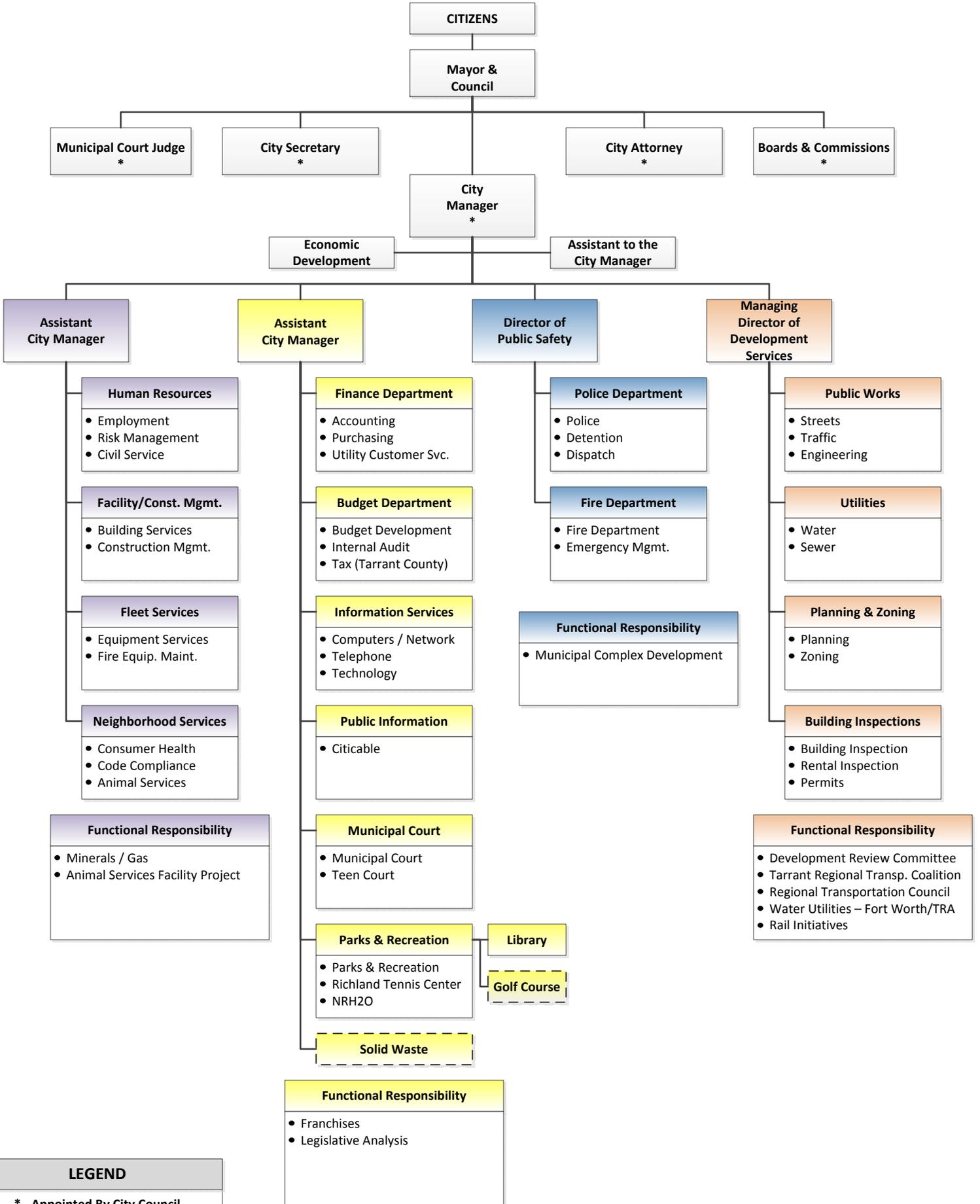
Dallas/Fort Worth Metroplex



North Richland Hills is a growing community of approximately 63,420 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.

City of North Richland Hills



LEGEND

* - Appointed By City Council

Contracted

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 2011	2012 Issue	Authorized Un-issued
Streets	\$20,000	\$19,575	\$0	\$425
Drainage	1,865	1,865	0	0
Public Safety	1,675	1,675	0	0
Totals:	<u>\$23,540</u>	<u>\$23,115</u>	<u>\$0</u>	<u>\$425</u>

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

As of April 2011 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 in 2011. 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.

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 Though 2011	2012 Issue	Authorized Un-issued
Streets	\$30,010	\$22,950	\$0	\$7,060
Drainage	4,000	2,755	1,085	160
Public Safety Facilities	1,900	1,650	0	250
Animal Rescue Center Expansion	1,300	0	0	1,300
Totals:	\$37,210	\$27,355	\$1,085	\$8,770

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

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.

The 2011 G.O. bond sale will pay for costs of street improvements for Terry Drive, Tabor Street, Bud Jensen Road and Meadowview Estates Channel drainage improvements totaling \$1,865,000. This leaves an authorized but unissued balance of \$8,770,000.

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 2011	2012 Issue	Authorized Un-issued
Municipal Facilities	\$48,000	\$25,000	\$0	\$23,000
Totals:	\$48,000	\$25,000	\$0	\$23,000

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

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. The vast majority of debt issues in the past several years have achieved these objectives.
- 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.

CAPITAL IMPROVEMENT PROGRAM OVERVIEW

- The plan assumes that the total ad valorem tax rate at the current \$.61 per one hundred dollars of valuation through 2014. 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 \$32,195,000.

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 and Charles Street from Jerrell Street to Onyx Drive has been completed. Construction on Honey Lane from Harmonson Road to Glenview Drive is underway.

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.

North Tarrant Parkway – Construction is nearing completion on the second phase of North Tarrant Parkway (Davis to Whitley). Approximately \$9.75 million in funding through Tarrant County has been designated for construction of this project plus \$5.5 million authorized in North Richland Hills' 2003 Bond Election. The City of Keller, as a partner on this project, is providing \$2.7 million in funding.

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.

Recreation Center - Construction is nearing completion for the recreation center in Home Town NRH, located in Tax Increment Reinvestment Zone No. 2. The facility includes a double gymnasium, cardio & weight room, classrooms, dance studio, a natatorium, banquet/rental spaces, indoor walking track, meeting rooms, concession areas, lockers, showers, and storage areas. Certificates of obligation will be utilized for funding for this project. Revenues of Tax Increment Reinvestment Zone No. 2 will be used for repayment of the certificates of obligation.

Major Equipment Replacement and Facility Maintenance – The City established cash reserves for the replacement of major capital equipment and facility maintenance. As of September 30, 2011, the fund balances were approximately \$3.4 and \$1.2 million, respectively.

ALTERNATIVELY FUNDED CAPITAL PROJECTS

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 \$820,000 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 multi-family 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 September 30, 2011 was \$1.2 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. The City has collected approximately \$72 million in sales tax since January 1993 for park projects.

ALTERNATIVELY FUNDED CAPITAL PROJECTS

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. The 2011 fiscal year reserves included approximately \$2.8 million for infrastructure maintenance and \$671,765 for liability insurance.

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 budget are performed by the Budget 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 enhancements are due to the Budget Department with line item requests, prioritized by the departments and are reviewed by the City Manager.

BUDGET PROCESS

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

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

Public Hearing and Budget Adoption

On July 27, 2012, 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 budget public hearing was held on August 27, 2012. The tax rate public hearings were held on August 27, 2012 and August 30, 2012. The City Council voted on and approved the budget on September 10, 2012. Also on September 10, 2012, 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 2012-2013

Thu, Dec 22	Distribute following to departments: <ul style="list-style-type: none"> • Facility Requests • Information Services Requests 	Budget Dept. Departments
Tue, Jan 17	Return the following forms to Budget: <ul style="list-style-type: none"> • Facility Requests • Information Services Requests 	Departments
Fri, Jan 20	Distribute Goals, Objective and Performance Measure forms to Departments	Budget Dept.
Fri, Jan 20	Capital Budget Kickoff Distribute following to departments: <ul style="list-style-type: none"> • Capital Budget information 	Budget Dept. Departments
Fri, Jan 20	Capital Budget database open for data entry	Budget Dept.
Fri, Feb 10	Capital Projects budgets due to Budget Department	Departments
Fri, Feb 24	Distribute Capital Budget Review material to City Manager's Office	Budget Dept.
Mon Feb 27 – Fri, Mar 9	Assistant City Managers review of Capital Projects budgets with Departments	Assistant CMs Departments
Mon, Feb 27 – Fri, Mar 2	HTE training sessions for data entry, line item detail workshop, clinic for new budget preparers	Budget Dept. Departments
Thurs, Mar 8	Budget Kickoff Meeting with Department Directors Distribute the following to departments: <ul style="list-style-type: none"> • Travel Request Form • Overtime Request Form • Budget Manual • Adjustment to Base Form • Tuition Reimbursement Request Form • Personnel Inventory Forms 	City Managers Dept. Directors
Thurs, Mar 8	HTE open for data entry	Departments
Fri, Mar 23	Distribute revenue projection forms to depts.	Budget Dept.
Mon, Mar 26 – Fri, Apr 13	City Manager review of Capital Projects budgets	City Managers Budget Dept. Dept. Directors
Wed, Mar 28	Return the following to Budget: <ul style="list-style-type: none"> • Proposed line-item budgets for 2012/13 • Revised budgets for 2011/12 • Travel Request • Overtime Request • Adjustment to Base Forms • Tuition Reimbursement Request • Goals, Objectives & Performance Measures • Personnel Inventory Forms 	Departments
Mon, Apr 2	Distribute 2012/13 proposed line item detail summaries to departments	Budget Dept.
Fri, Apr 6	Revenue projections due to Budget Dept.	Departments

*Note: Dates subject to change.

Budget Preparation Calendar

Fiscal Year 2012-2013

Fri, Apr 6	Summaries of increase and decrease due to Budget Dept.	Departments
Fri, Apr 20	Distribute Budget Review material to City Manager's Office	Budget Dept.
Mon, Apr 23 – Fri, May 4	Assistant City Managers review of departmental line-item budget, adjustment-to-base requests, goals, objectives and performance measures	Assistant CMs Dept. Directors
Mon, May 14	Preliminary tax roll received from Tarrant Appraisal District with taxable values	Budget Dept.
Mon, May 21 – Fri, Jun 15	City Manager review of departmental line-item, adjustment-to-base requests, goals, objectives, performance measures and revenue projections	City Managers Budget Dept. Dept. Directors
Mon, Jun 11	Mid-Year Budget Work Session	City Council City Managers Budget Dept.
Mon, Jun 18	Final CIP updates due to Budget Department	Departments
Mon, Jul 2	City Manager final review of Capital Projects budget	City Managers Budget Dept.
Fri, Jul 6	All budget decisions finalized	City Managers
Mon, Jul 16	Transmittal letter completed	City Managers Budget Dept.
Wed, Jul 18 – Thurs, Jul 26	Budget Work Session presentation rehearsals	City Managers Budget Dept.
Fri, Jul 20	Distribute Budget Work Session material to City Council, City Manager's Office	City Managers Budget Dept.
Mon, Jul 23	Distribute Budget Work Session material to Department Directors and Citizens (copy placed at public library)	Budget Dept.
Tue, Jul 24	Certified tax roll received from Tarrant Appraisal District- calculate effective tax rate	Finance Dept.
Fri, Jul 27	Budget Work Session	City Council City Managers Budget Dept.
Fri, Jul 27	Crime Control and Prevention District Board review of proposed budget	CCD Board City Managers Budget Dept.
Fri, Aug 3	IR to City Council with follow-up report on Budget Work Session (if needed)	City Managers Budget Dept.
Mon, Aug 6	Proposed Budget filed with City Secretary	Budget Dept.
Mon, Aug 13	City Council Meeting: <ul style="list-style-type: none"> • Record vote on proposed tax rate • Set date for public hearings on tax rate • Set date for public hearing on Budget, CCD, and Park Development Corp. 	City Council City Managers

*Note: Dates subject to change.

Budget Preparation Calendar

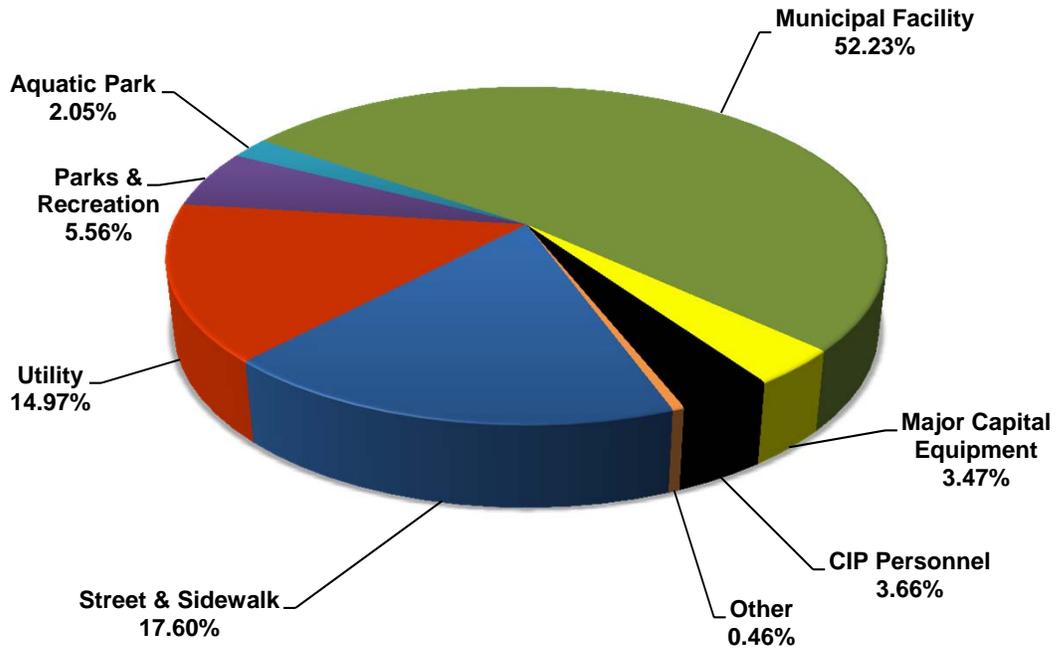
Fiscal Year 2012-2013

Wed, Aug 15	Publish Notice of Budget Hearings	Budget Dept.
Wed, Aug 15	Publish Notice of Tax Rate Hearings	Budget Dept.
Tues, Aug 21	Publish Effective Tax Rate	Budget Dept.
Mon, Aug 27	Park and Recreation Facilities Development Corporation review of proposed budget	Park Corp. City Managers Parks Dept. Budget Dept.
Mon, Aug 27	City Council Meeting: <ul style="list-style-type: none">• Tax rate public hearing• Budget public hearing• CCD budget public hearing• Park Development Corporation public hearing	City Council City Managers
Tue, Aug 28 & Tue, Aug 31	Publish Notice of Tax Revenue Increase	Budget Dept.
Tue, Aug 30	Special City Council Meeting <ul style="list-style-type: none">• Tax rate public hearing	City Council City Managers
Mon, Sep 10	City Council Meeting: <ul style="list-style-type: none">• Accept certified tax roll• Adopt proposed budgets• Adopt proposed tax rate	City Council City Managers

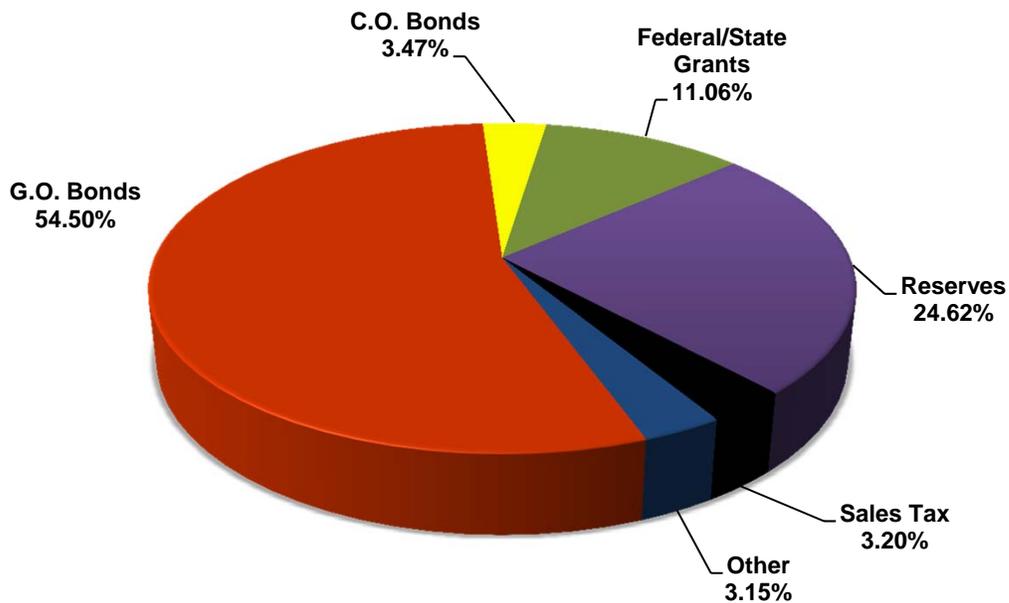
*Note: Dates subject to change.

Fiscal Year 2012/2013 Adopted CIP Budget \$22,039,204

Uses of Funds



Sources of Funds



**Summary of Project Expenditures
2012/2013 Capital Improvement Program**

Program Classification	Project To Date	Adopted 2012/2013	Estimated 2013/2014	2014 to Completion	Total Expenditures
Street & Sidewalk	42,833,277	3,879,540	2,266,000	230,500	\$ 49,209,317
Drainage	4,630,000	0	0	0	\$ 4,630,000
Utility	8,290,091	3,299,016	0	0	\$ 11,589,107
Parks & Recreation	4,167,797	1,224,598	379,211	0	\$ 5,771,606
Aquatic Park	0	452,000	0	0	\$ 452,000
Municipal Facility	55,857,370	11,511,600	10,000,000	25,000,000	\$ 102,368,970
Major Capital Equipment	325,000	765,000	0	0	\$ 1,090,000
Economic Development	6,987,938	0	2,500,000	0	\$ 9,487,938
CIP Personnel	836,839	805,981	0	0	\$ 1,642,820
Other	293,189	101,469	37,500	20,000	\$ 452,158
Total CIP Project Expenditures	\$ 124,221,501	\$ 22,039,204	\$ 15,182,711	\$ 25,250,500	\$ 186,693,916

**Summary of Project Funding
2012/2013 Capital Improvement Program**

Funding Source	Funding To Date	Adopted 2012/2013	Estimated 2013/2014	2014 to Completion	Total Funds
General Obligation Bonds	42,905,950	12,010,000	11,490,000	3,000,000	69,405,950
Certificates of Obligation	32,355,000	765,000	2,730,500	22,230,500	58,081,000
Federal/State Grants	22,601,661	2,437,942	545,500	0	25,585,103
Reserves	14,998,238	5,427,081	0	0	20,425,319
Sales Tax	3,722,789	705,212	379,211	0	4,807,212
Other	7,637,863	693,969	37,500	20,000	8,389,332
Total CIP Project Funding	\$ 124,221,501	\$ 22,039,204	\$ 15,182,711	\$ 25,250,500	\$ 186,693,916

**Summary of Project Funding
2012/2013 Capital Improvement Program**

<u>Program</u>	<u>Funding To Date</u>	<u>Adopted 2012/2013</u>	<u>Estimated 2013/2014</u>	<u>2014 to Completion</u>	<u>Total Funds</u>
<u>Street & Sidewalk</u>					
General Obligation Bonds	15,295,950	710,000	1,490,000	0	17,495,950
Certificates of Obligation	1,000,000	0	230,500	230,500	1,461,000
Federal/State Grants	19,462,000	1,694,540	545,500	0	21,702,040
Reserves	4,393,160	995,000	0	0	5,388,160
Other	2,682,167	480,000	0	0	3,162,167
Street & Sidewalk Sub-Total	\$ 42,833,277	\$ 3,879,540	\$ 2,266,000	\$ 230,500	\$ 49,209,317
<u>Drainage</u>					
General Obligation Bonds	2,500,000	0	0	0	2,500,000
Certificates of Obligation	1,340,000	0	0	0	1,340,000
Reserves	790,000	0	0	0	790,000
Drainage Sub-Total	\$ 4,630,000	\$ 0	\$ 0	\$ 0	\$ 4,630,000
<u>Utility</u>					
Certificates of Obligation	5,715,000	0	0	0	5,715,000
Federal/State Grants	438,573	224,016	0	0	662,589
Reserves	1,471,723	2,930,000	0	0	4,401,723
Other	664,795	145,000	0	0	809,795
Utility Sub-Total	\$ 8,290,091	\$ 3,299,016	\$ 0	\$ 0	\$ 11,589,107
<u>Parks & Recreation</u>					
Federal/State Grants	2,581,088	519,386	0	0	3,100,474
Sales Tax	1,586,709	705,212	379,211	0	2,671,132
Parks & Recreation Sub-Total	\$ 4,167,797	\$ 1,224,598	\$ 379,211	\$ 0	\$ 5,771,606
<u>Aquatic Park</u>					
Reserves	0	452,000	0	0	452,000
Aquatic Park Sub-Total	\$ 0	\$ 452,000	\$ 0	\$ 0	\$ 452,000
<u>Municipal Facility</u>					
General Obligation Bonds	25,110,000	11,300,000	10,000,000	3,000,000	49,410,000
Certificates of Obligation	23,300,000	0	0	22,000,000	45,300,000
Reserves	2,076,475	211,600	0	0	2,288,075
Sales Tax	1,580,000	0	0	0	1,580,000
Other	3,790,895	0	0	0	3,790,895
Municipal Facility Sub-Total	\$ 55,857,370	\$ 11,511,600	\$ 10,000,000	\$ 25,000,000	\$ 102,368,970
<u>Major Capital Equipment</u>					
Certificates of Obligation	0	765,000	0	0	765,000
Reserves	188,920	0	0	0	188,920
Sales Tax	106,080	0	0	0	106,080
Other	30,000	0	0	0	30,000

**Summary of Project Funding
2012/2013 Capital Improvement Program**

<u>Program</u>	<u>Funding To Date</u>	<u>Adopted 2012/2013</u>	<u>Estimated 2013/2014</u>	<u>2014 to Completion</u>	<u>Total Funds</u>
Major Capital Equipment Sub-Total	\$ 325,000	\$ 765,000	\$ 0	\$ 0	\$ 1,090,000
<u>Economic Development</u>					
Certificates of Obligation	1,000,000	0	2,500,000	0	3,500,000
Reserves	5,086,463	0	0	0	5,086,463
Sales Tax	450,000	0	0	0	450,000
Other	451,475	0	0	0	451,475
Economic Development Sub-Total	\$ 6,987,938	\$ 0	\$ 2,500,000	\$ 0	\$ 9,487,938
<u>CIP Personnel</u>					
Reserves	836,839	805,981	0	0	1,642,820
CIP Personnel Sub-Total	\$ 836,839	\$ 805,981	\$ 0	\$ 0	\$ 1,642,820
<u>Other</u>					
Federal/State Grants	120,000	0	0	0	120,000
Reserves	154,658	32,500	0	0	187,158
Other	18,531	68,969	37,500	20,000	145,000
Other Sub-Total	\$ 293,189	\$ 101,469	\$ 37,500	\$ 20,000	\$ 452,158
Total CIP Project Funding	\$ 124,221,501	\$ 22,039,204	\$ 15,182,711	\$ 25,250,500	\$ 186,693,916

NRH

**Street Improvements Long Range Plan
ADOPTED FY 2012/2013**

<u>Project Description</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>Project Totals</u>
Annual Projects											
New Sidewalk Project	\$0	\$50,000	\$50,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$75,000	\$625,000
New Sidewalk and Sidewalk Rehabilitation Project	\$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	1,000,000	\$9,900,000
Sidewalk Rehabilitation and Replacement	0	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	\$450,000
Total Annual Projects	\$950,000	\$1,100,000	\$1,100,000	\$1,125,000	\$11,025,000						
New & Continuing Projects											
Acorn Drive Street Improvements	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$333,600	\$0	\$333,600
Amundson Drive Street Improvements	0	0	0	0	0	0	0	0	0	5,573,200	\$5,573,200
Ash Street Street Improvements	0	0	0	0	0	0	0	0	264,000	0	\$264,000
Boulder Road Street Improvements	0	0	0	0	0	0	0	0	372,000	0	\$372,000
Boulevard 26 and Vance Road Signalization Infrastructure Upgrades	0	0	0	0	0	0	0	0	0	200,000	\$200,000
Boulevard 26/Harwood Road Intersection	0	0	0	0	0	500,000	500,000	0	0	0	\$1,000,000
Boulevard 26 Widening	0	0	0	0	0	0	0	0	2,000,000	0	\$2,000,000
Bradley Drive Street Improvements	0	0	0	0	0	0	0	691,200	0	0	\$691,200
Briardale Drive Street Improvements	0	0	0	0	0	0	0	0	0	1,060,780	\$1,060,780
Brookview Drive Street Improvements	0	0	0	0	0	0	0	694,800	0	0	\$694,800
Chestnut Drive Street Improvements	0	0	0	0	0	0	0	0	261,600	0	\$261,600
Chilton Drive Street Improvements	0	0	0	0	0	0	0	493,200	0	0	\$493,200
Christopher Court Street Improvements	0	0	0	0	0	0	0	237,600	0	0	\$237,600
Cloyce Court Street Improvements	0	0	0	0	0	0	0	0	0	354,000	\$354,000
Collard Court Street Improvements	0	0	0	0	0	0	0	0	296,400	0	\$296,400
College Circle North Street Improvements	0	0	0	0	0	0	0	0	736,800	0	\$736,800
College Circle South Street Improvements	0	0	0	0	0	0	0	0	0	934,800	\$934,800
Colorado Boulevard Street Improvements	0	0	0	0	0	0	0	0	715,200	0	\$715,200
Copper Canyon Road Street Improvements	0	0	0	0	0	0	0	0	0	280,800	\$280,800
Crestwood Circle West Street Improvements	0	0	0	0	0	0	0	0	500,000	0	\$500,000
Cummings Drive Street Improvements	0	0	0	0	0	0	0	0	0	570,000	\$570,000
Cylinda Sue Circle Street Improvements	0	0	0	0	0	0	0	0	0	400,000	\$400,000
Cynthia Circle Street Improvements	0	0	0	0	0	0	0	0	0	583,200	\$583,200
Dana Lane Street Improvements	0	0	0	0	0	0	0	0	529,200	0	\$529,200
Daniel Drive Street Improvements	0	0	0	0	0	0	0	0	349,200	0	\$349,200
David Drive Street Improvements	0	0	0	0	0	0	0	434,000	0	0	\$434,000
Davis Boulevard and Hightower Drive Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Davis Boulevard and Shady Grove Road Intersection Improvements	0	0	0	0	0	0	0	800,000	0	0	\$800,000
Davis Boulevard and Thornbridge Drive Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Deaver Drive Street Improvements	0	0	0	0	0	0	0	0	789,600	0	\$789,600
Dublin Lane Street Improvements	0	0	0	0	0	0	0	0	0	266,400	\$266,400
Dude Court Street Improvements	0	0	0	0	0	0	0	0	0	117,600	\$117,600
Eden Road Street Improvements	0	0	0	0	0	0	0	0	1,950,000	0	\$1,950,000
Edward Street Street Improvements	0	0	0	0	0	0	0	72,380	0	0	\$72,380
Eldorado Drive Street Improvements	0	0	0	0	0	0	0	0	0	757,200	\$757,200
Ellis Drive Street Improvements	0	0	0	0	0	0	0	0	222,000	0	\$222,000
Frankie B Drive Street Improvements	0	0	0	0	0	0	0	494,340	0	0	\$494,340
Galway Lane Street Improvements	0	0	0	0	0	0	0	0	259,200	0	\$259,200
Garwood Drive Street Improvements	0	0	0	0	0	0	0	0	0	537,600	\$537,600
Gayle Drive Street Improvements	0	0	0	0	0	0	0	0	0	181,200	\$181,200
Glenview Court Street Improvements	0	0	0	0	0	0	0	0	0	111,600	\$111,600
Glenview Drive (East) Street Improvements	0	0	0	0	0	0	0	0	1,694,400	0	\$1,694,400
Glenview Drive (West) Street Improvements	0	0	0	930,000	930,000	0	0	0	0	0	\$1,860,000
Harmonson Drive Street Improvements	0	0	0	0	0	0	0	0	836,400	0	\$836,400

**Street Improvements Long Range Plan
ADOPTED FY 2012/2013**

<u>Project Description</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>Project Totals</u>
<i>New & Continuing Projects</i>											
Hightower Drive and Holiday Lane, Meadow Road Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Hightower Drive, Section C (Smithfield to Davis)	0	0	0	0	-	0	0	1,020,000	0	0	\$1,020,000
Hightower Drive, Section D (Stonybrooke to Eden)	0	0	0	0	0	0	0	840,000	0	0	\$840,000
Holiday Lane and Starnes Road Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Holiday Lane Street Impr., A1 (I.H. 820 to Dick Lewis)	0	0	0	425,000	0	0	0	0	0	0	\$425,000
Irish Spring Lane Street Improvements	0	0	0	0	0	0	0	168,840	0	0	\$168,840
Irongate Drive Street Improvements	0	0	0	0	0	0	0	361,620	0	0	\$361,620
Jade Circle Street Improvements	0	0	0	0	0	0	0	530,400	0	0	\$530,400
Jennings Drive Street Improvements	0	0	0	0	0	0	0	0	685,200	0	\$685,200
Jerry Joe Drive Street Improvements	0	0	0	0	0	0	0	0	0	520,800	\$520,800
Juniper Drive Street Improvements	0	0	0	0	0	0	0	0	284,400	0	\$284,400
Kendra Lane Street Improvements	0	0	0	0	0	0	0	313,460	0	0	\$313,460
Kirk Lane Street Improvements	0	0	0	0	0	0	0	1,500,000	1,665,090	0	\$3,165,090
Lariat Trail Street Improvements	0	0	0	0	0	0	0	0	1,047,600	0	\$1,047,600
Lazy Lane Road Street Improvements	0	0	0	0	0	0	0	0	0	560,400	\$560,400
Little Ranch Road Street Improvements	0	0	0	0	0	0	0	0	691,200	0	\$691,200
Lynda Court Street Improvements	0	0	0	0	0	0	0	196,800	0	0	\$196,800
Main Street Streetscaping Project	0	230,500	230,500	0	0	0	0	0	0	0	\$461,000
Manor Drive Street Improvements	0	0	0	0	0	0	0	0	711,600	0	\$711,600
Maple Drive Street Improvements	0	0	0	0	0	0	0	0	0	1,142,400	\$1,142,400
Marie Street Street Improvements	0	0	0	0	0	0	0	0	0	475,200	\$475,200
Marilyn Lane Street Improvements	0	0	0	0	0	0	0	178,360	0	0	\$178,360
Marlene Court Street Improvements	0	0	0	0	0	0	0	168,700	0	0	\$168,700
Marlette Court Street Improvements	0	0	0	0	0	0	0	0	229,200	0	\$229,200
Mary Court Street Improvements	0	0	0	0	0	0	0	0	0	200,000	\$200,000
Mary Drive Street Improvements	0	0	0	0	0	0	0	482,160	0	0	\$482,160
Massey Court Street Improvements	0	0	0	0	0	0	0	238,800	0	0	\$238,800
Meadow Court Street Improvements	0	0	0	0	0	0	0	0	249,600	0	\$249,600
Meadow Lakes Court Street Improvements	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Meadow Lakes Drive Street Improvements	0	0	0	0	0	0	0	0	0	4,154,400	\$4,154,400
Meadowpark Drive South Street Improvements	0	0	0	0	0	0	0	0	777,600	0	\$777,600
Mickey Street Street Improvements	0	0	0	0	0	0	0	0	0	673,200	\$673,200
North Hills Cul-de-sac Street Improvements	0	0	0	0	0	0	0	123,760	0	0	\$123,760
Northeast Parkway @ Davis Boulevard Intersection	0	0	0	0	0	0	0	0	0	200,000	\$200,000
Oak Knoll Drive Street Improvements	0	0	0	0	0	0	0	0	282,000	0	\$282,000
Onyx Drive South Street Improvements	0	0	0	0	0	0	0	0	734,400	0	\$734,400
Payte Lane Street Improvements	0	0	0	0	0	0	0	0	0	234,400	\$234,400
Parker Boulevard and Boulevard 26 Signalization	0	0	0	0	0	0	0	0	200,000	0	\$200,000
Parkway Avenue Street Improvements	0	0	0	0	0	0	0	364,800	0	0	\$364,800
Pebble Court Street Improvements	0	0	0	0	0	0	0	0	0	163,200	\$163,200
Richland Court Street Improvements	0	0	0	0	0	0	0	0	187,200	0	\$187,200
Richfield Drive Street Improvements	0	0	0	0	0	0	0	0	0	720,000	\$720,000
Rogene Court Street Improvements	0	0	0	0	0	0	0	0	0	129,600	\$129,600
Sayers Lane Street Improvements	0	0	0	0	0	0	0	928,800	0	0	\$928,800
Shady Grove Road and Smithfield Road Signalization	0	0	0	0	0	0	0	0	200,000	0	\$200,000
Shady Grove Road Street Improvements	0	0	0	0	0	0	0	0	4,658,125	0	\$4,658,125
Shannon Lane Street Improvements	0	0	0	0	0	0	0	0	0	288,000	\$288,000
Sherri Lane Street Improvements	0	0	0	0	0	0	0	0	0	700,000	\$700,000
Sierra Drive Street Improvements	0	0	0	0	0	0	0	0	500,000	0	\$500,000
Simmons Road Street Improvements	0	0	0	0	0	0	0	271,875	0	0	\$271,875
Smithfield Road (Davis Blvd to Mid-Cities Blvd)	710,000	1,490,000	0	0	0	0	0	0	0	0	\$2,200,000
Smithfield Road and Hightower Drive Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000

**Street Improvements Long Range Plan
ADOPTED FY 2012/2013**

<u>Project Description</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>Project Totals</u>
<i>New & Continuing Projects</i>											
Smithfield Road Segment 1 (Turner to Mickey)	0	0	0	0	0	0	0	1,069,500	0	0	\$1,069,500
Smithfield Road Segment 2 (Mickey to Mid Cities)	0	0	0	0	0	0	0	3,256,900	0	0	\$3,256,900
Snider Street Extension Project	2,124,540	545,500	0	0	0	0	0	0	0	0	\$2,670,040
Southampton Drive Street Improvements	0	0	0	0	0	0	0	0	0	799,200	\$799,200
Spruce Court Street Improvements	0	0	0	0	0	0	0	180,000	0	0	\$180,000
Spurgeon Court Street Improvements	0	0	0	0	0	0	0	286,650	0	0	\$286,650
Starnes Road and Douglas Lane Signalization	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Stewart Drive Street Improvements	0	0	0	0	0	0	0	0	472,800	0	\$472,800
Street Lighting Infrastructure Upgrades	0	0	0	0	0	0	0	89,500	0	0	\$89,500
Tamiami Court Street Improvements	0	0	0	0	0	0	0	162,000	0	0	\$162,000
Terry Drive Street Improvements	0	0	0	0	0	0	0	0	770,400	0	\$770,400
Timberidge Drive Street Improvements	0	0	0	0	0	0	0	0	0	782,400	\$782,400
Timberline Court Street Improvements	0	0	0	0	0	0	0	0	294,000	0	\$294,000
Traffic Signal Infrastructure Upgrades - Internal Components	0	0	0	0	0	0	0	689,275	0	0	\$689,275
Traffic Signal Light Adaptive System	0	0	0	0	0	0	0	500,000	500,000	0	\$1,000,000
Ulster Drive Street Improvements	0	0	0	0	0	0	0	0	0	500,000	\$500,000
Valley View Drive Street Improvements	0	0	0	0	0	0	0	706,800	0	0	\$706,800
Vance Road at Glenview Drive Signalization Infrastructure Upgrade	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Walker Boulevard and Boulevard 26 Signalization Infrastructure Upgrades	0	0	0	0	0	0	0	200,000	0	0	\$200,000
Wheelwood Drive Street Improvements	0	0	0	0	0	0	0	218,400	0	0	\$218,400
Willowcrest Court North Street Improvements	0	0	0	0	0	0	0	151,200	0	0	\$151,200
Woodbend Park Street Improvements	0	0	0	0	0	0	0	217,000	0	0	\$217,000
Total Future Street Improvements	\$2,834,540	\$2,266,000	\$230,500	\$1,355,000	\$930,000	\$500,000	\$500,000	\$20,933,120	\$27,250,015	\$24,171,580	\$80,970,755
Total Street Improvements Projects	\$3,784,540	\$3,366,000	\$1,330,500	\$2,480,000	\$2,055,000	\$1,625,000	\$1,625,000	\$22,058,120	\$28,375,015	\$25,296,580	\$91,995,755
<i>Street Related Major Capital Equipment</i>											
Signal Timing Synchronization Update	\$95,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$95,000
Traffic Signal Communications Hub	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Street Related Major Capital Equipment	\$95,000	\$0	\$95,000								
Total Project Costs	\$3,879,540	\$3,366,000	\$1,330,500	\$2,480,000	\$2,055,000	\$1,625,000	\$1,625,000	\$22,058,120	\$28,375,015	\$25,296,580	\$92,090,755

NRH

Schedule 1

Street & Sidewalk Capital Projects

Budget Summary

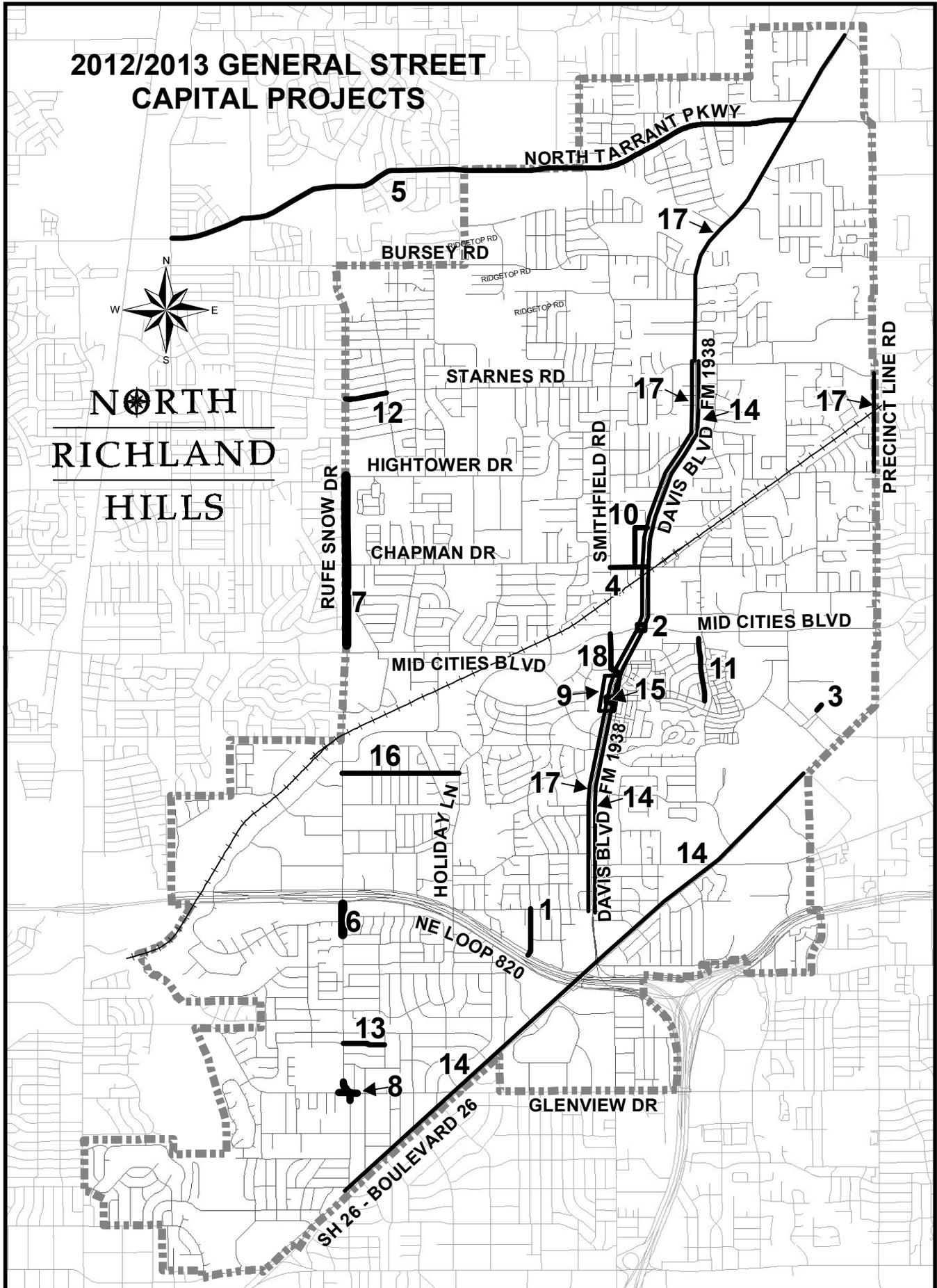
Pg. No.	Map ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
Project Costs						
Continuing Projects						
34	1	Cloyce Court (Northeast Loop 820 to Maplewood Ave)	750,000	0	0	\$ 750,000
36	2	Davis Blvd/Mid-Cities Blvd Intersection	3,625,000	0	0	\$ 3,625,000
38	3	Grand Avenue (Library to HealthMarkets Access Road)	75,000	0	0	\$ 75,000
40	4	Main Street Streetscaping Project	66,000	230,500	230,500	\$ 527,000
42	5	North Tarrant Pkwy. Street Imp. (Davis to Whitley Road)	18,439,317	0	0	\$ 18,439,317
45	-	Preventive Street Maintenance (2012)	800,000	0	0	\$ 800,000
46	6	Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)	885,950	0	0	\$ 885,950
48	7	Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]	13,727,000	0	0	\$ 13,727,000
50	8	Rufe Snow Drive & Glenview Drive Intersection Improvements	1,435,000	0	0	\$ 1,435,000
52	9	Smithfield Road/Davis Boulevard Intersection Improvements	70,000	0	0	\$ 70,000
54	10	Snider Street Extension Project	130,010	2,124,540	545,500	\$ 2,800,050
56	11	Spring Oaks Screening Wall	225,000	0	0	\$ 225,000
58	12	Starnes Road Street Imp. (Rufe Snow Dr. to Crosstimbers Ln.)	600,000	0	0	\$ 600,000
60	13	Tabor Street Improvements (Rufe Snow Drive to Steven Street)	400,000	0	0	\$ 400,000
62	14	Traffic Signal Light Infrastructure Upgrades	195,000	0	0	\$ 195,000
64	15	Traffic Signalization at Davis Boulevard & Creek View Drive	300,000	0	0	\$ 300,000
66	16	Trinidad Drive (Rufe Snow Dr to Holiday Ln.)	1,110,000	0	0	\$ 1,110,000
Total Continuing Projects			\$ 42,833,277	\$ 2,124,540	\$ 776,000	\$ 230,500
New Projects						
68	-	New Sidewalk and Sidewalk Rehabilitation Project (2013)	0	50,000	0	\$ 50,000
69	-	Preventive Street Maintenance (2013)	0	900,000	0	\$ 900,000
70	17	Signal Timing Synchronization Update	0	95,000	0	\$ 95,000
72	18	Smithfield Road (Davis Blvd to Mid-Cities Blvd)	0	710,000	1,490,000	\$ 2,200,000
Total New Projects			\$ 0	\$ 1,755,000	\$ 1,490,000	\$ 0
Total Project Costs			\$ 42,833,277	\$ 3,879,540	\$ 2,266,000	\$ 230,500
Funding Sources						
General Obligation Bonds						
		G.O. Bonds 1985 Program	368,500	0	0	368,500
		G.O. Bonds 1994 Program	1,177,450	0	0	1,177,450
		G.O. Bonds 2003 Program	13,750,000	710,000	1,490,000	15,950,000
Total General Obligation Bonds			\$ 15,295,950	\$ 710,000	\$ 1,490,000	\$ 0
Certificates of Obligation						
		Certificates of Obligation	1,000,000	0	230,500	1,461,000
Total Certificates of Obligation			\$ 1,000,000	\$ 0	\$ 230,500	\$ 230,500
Federal/State Grants						

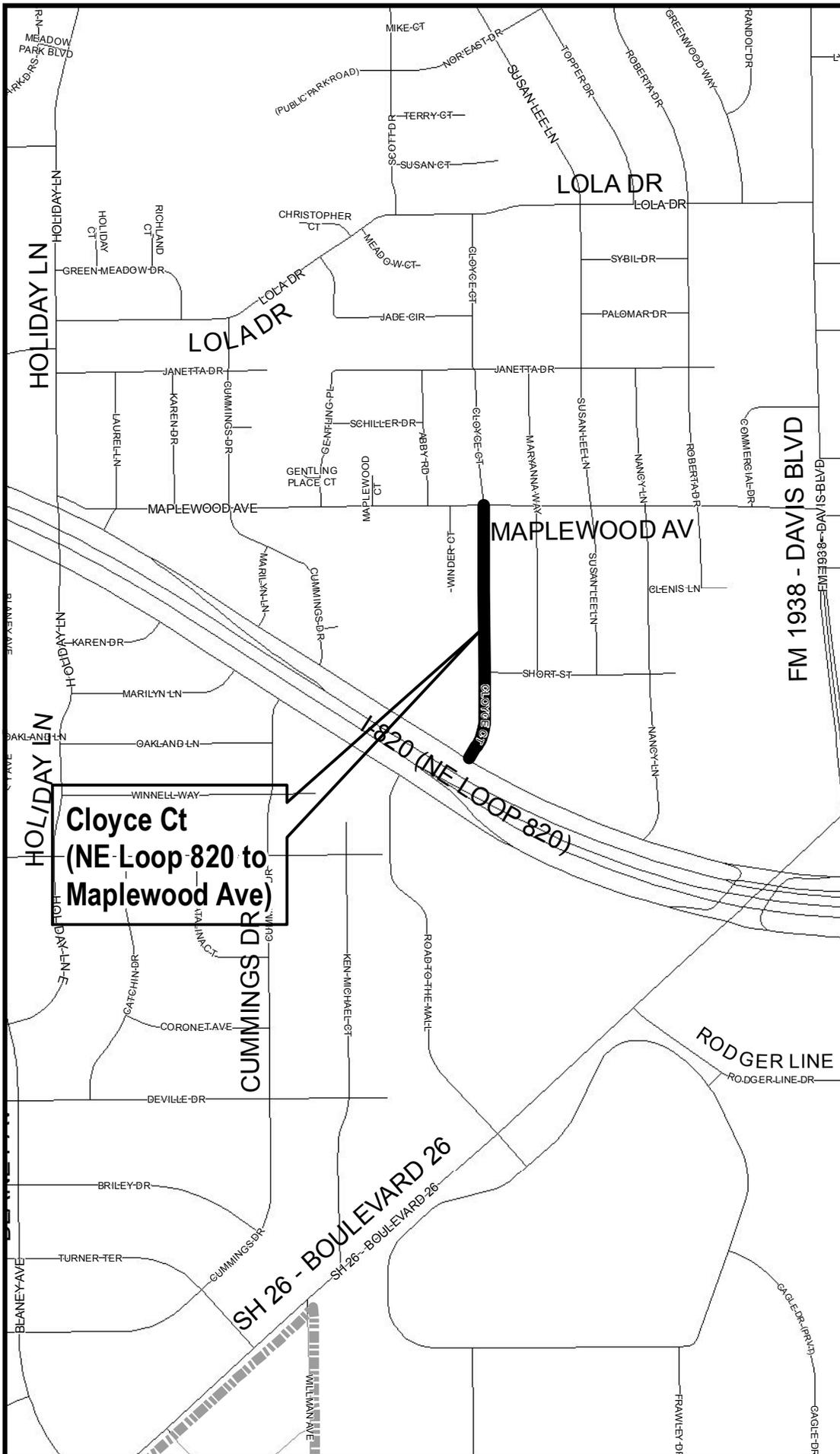
Schedule 1 Street & Sidewalk Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
ISTEA Grant Funds	0	1,694,540	545,500	0	2,240,040
TEA -21 Grant Funds	19,462,000	0	0	0	19,462,000
Total Federal/State Grants	\$ 19,462,000	\$ 1,694,540	\$ 545,500	\$ 0	\$ 21,702,040
Reserves					
1994 Bond Program Project Savings	365,010	0	0	0	365,010
G.O. Bonds 1994 Program	75,000	0	0	0	75,000
General Fund Balance	700,000	0	0	0	700,000
Permanent Street Maintenance Fund	100,000	800,000	0	0	900,000
Reserves	47,150	95,000	0	0	142,150
Unspecified Project Savings	1,075,000	0	0	0	1,075,000
Utility Operations for Capital Projects	200,000	0	0	0	200,000
Project Savings	1,696,000	0	0	0	1,696,000
Pay-As-You-Go Reserves for Capital Improvements	0	100,000	0	0	100,000
Bond Program Project Savings	65,000	0	0	0	65,000
General CIP Project Savings	70,000	0	0	0	70,000
Total Reserves	\$ 4,393,160	\$ 995,000	\$ 0	\$ 0	\$ 5,388,160
Other					
City of Keller	2,682,167	0	0	0	2,682,167
Other	0	430,000	0	0	430,000
Permanent Sidewalk Maintenance Fund	0	50,000	0	0	50,000
Total Other	\$ 2,682,167	\$ 480,000	\$ 0	\$ 0	\$ 3,162,167
Total Sources of Funds	\$ 42,833,277	\$ 3,879,540	\$ 2,266,000	\$ 230,500	\$ 49,209,317

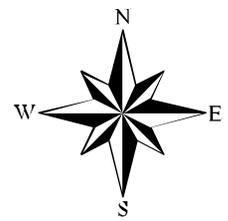
2012/2013 GENERAL STREET CAPITAL PROJECTS

NORTH RICHLAND HILLS



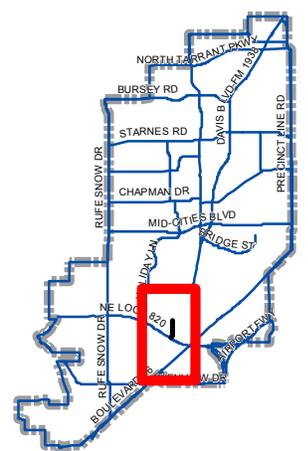


Cloyce Ct
(NE Loop 820 to
Maplewood Ave)



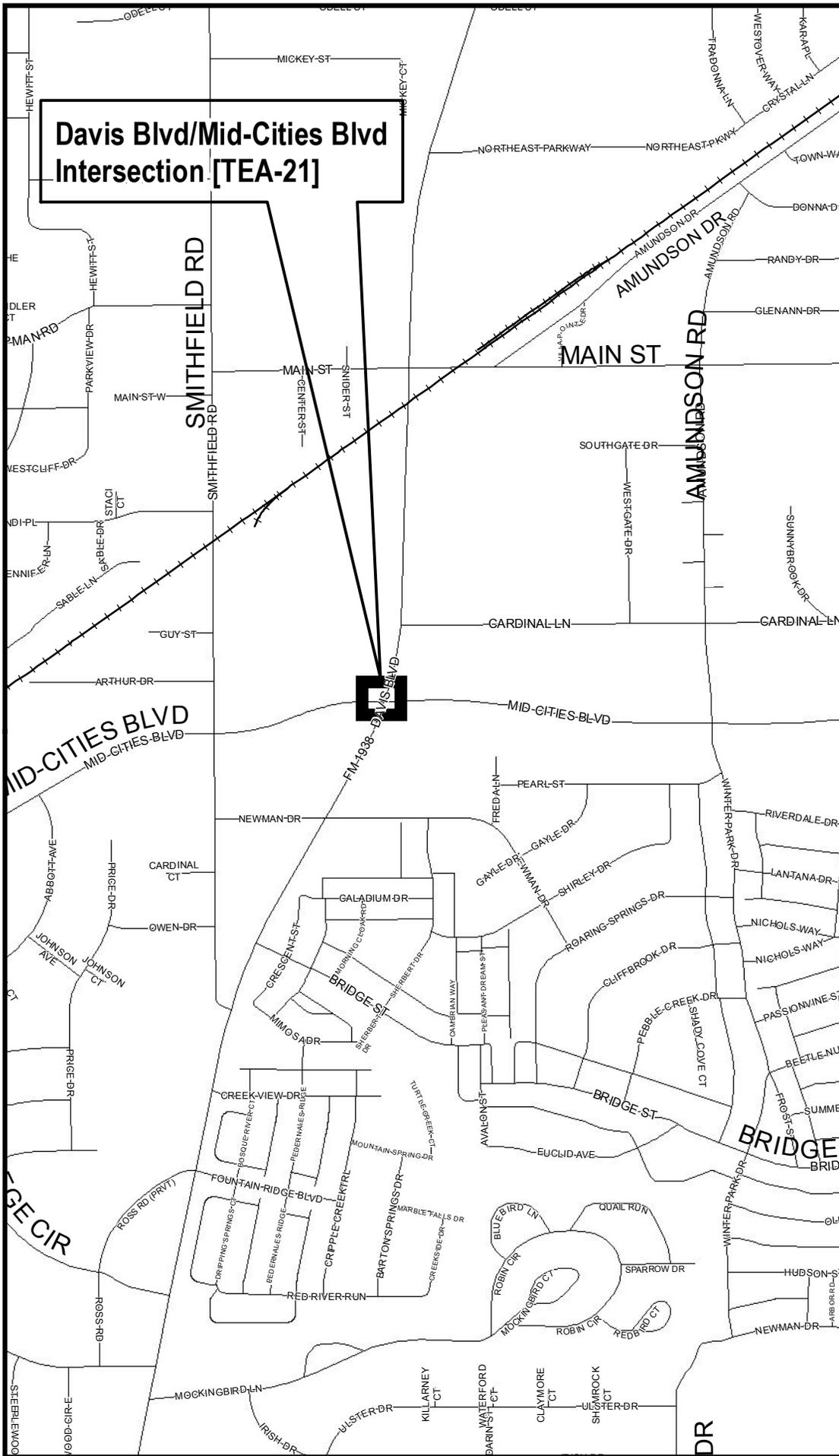
NORTH
RICHLAND
HILLS

Project Locator Map

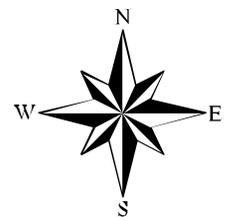


Scale: 1" = 800'

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Cloyce Court (Northeast Loop 820 to Maplewood Ave)				ST0902	
Project Description						
Cloyce Court is identified on the Master Thoroughfare Plan as a Residential, 2 Lane Undivided (R2U) roadway. It was, however, constructed 40 feet wide in 1965. This 2003 Bond Program project will consist of reconstructing approximately 1,400 feet of the existing asphalt street with a new 40 foot wide concrete section with sidewalks. The limits of the project will begin at the Loop 820 frontage road and end at Maplewood Ave. After the new street section is complete this section of Cloyce Ct. will meet all of the City's current paving and drainage standards.						
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.						
General Obligation Bond funding is from the 2003 Bond Program.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2008-09	<u>\$750,000</u>		
Engineering/Design	06/2009	03/2010	Total	<u>\$750,000</u>		
Land/ROW Acquisition						
Construction	07/2013	06/2014				
Other						
Total Schedule	<u>06/2009</u>	<u>06/2014</u>				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds	750,000	0	0	0	\$750,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$750,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$750,000</u>	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost		
Professional Services						
Engineering/Design	100,000	0	0	0	\$100,000	
Land/ROW Acquisition						
Construction	650,000	0	0	0	\$650,000	
Other						
Total Costs	<u>\$750,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$750,000</u>	
Operating Impact						
Road maintenance and other operating items should be nominal the first 5 to 10 years for this project.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

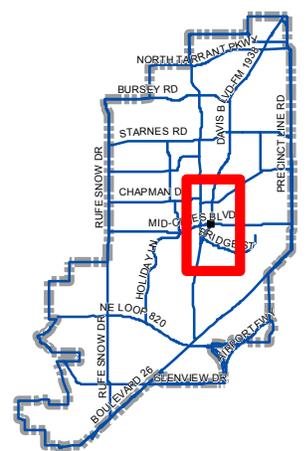


Davis Blvd/ Mid-Cities Blvd Intersection [TEA-21]



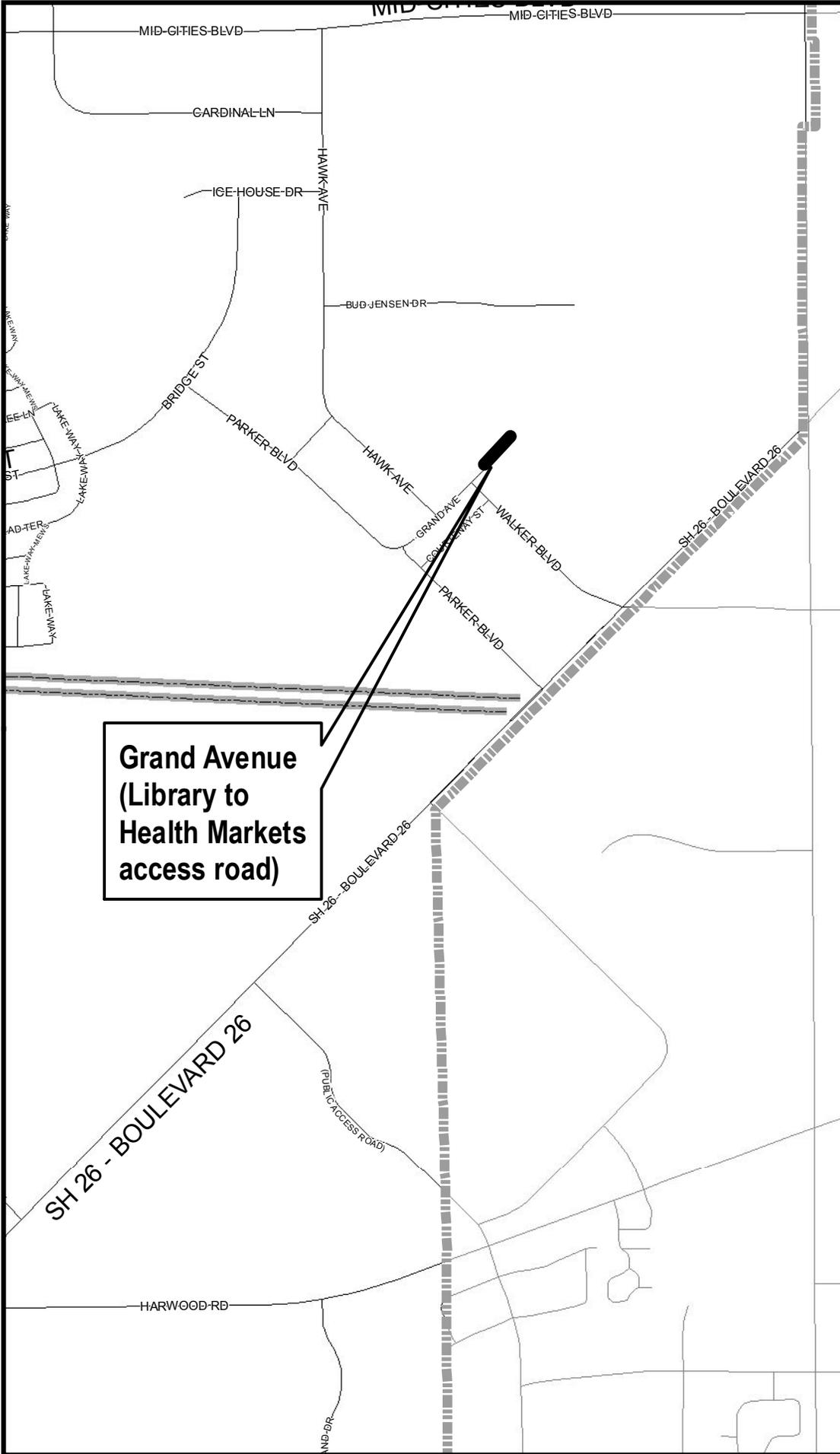
NORTH RICHLAND HILLS

Project Locator Map

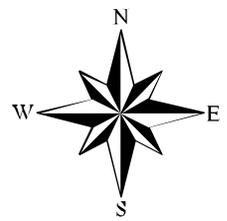


Scale: 1" = 800'

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Davis Blvd/Mid-Cities Blvd Intersection				ST0401	
Project Description						
This project consists of intersection improvements at the Davis Blvd and Mid-Cities Blvd Intersection. The improvements include adding additional right and left turn lanes, signalization improvements at the intersection and all necessary water and sewer main adjustments. This project is a 2003 Bond Program Project.						
Project Justification						
This intersection is very congested during peak hours. As of 2006, more than 53,000 vehicles traveled through this intersection per day. Significant development is expected at this intersection in the future, which will add to the traffic congestion. This intersection is located on a major east/west and north/south thoroughfare that runs through NE Tarrant County. These improvements 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 increases the funding by \$1,625,000. The additional funding is: \$1,150,000 NCTCOG Grant and \$475,000 of project savings from recently completed projects.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2003	05/2008	Adopted Budget	2003-04	\$2,000,000	
Engineering/Design	07/2008	09/2012	Revision	2010-11	\$1,625,000	
Land/ROW Acquisition	09/2012	05/2013	Total		\$3,625,000	
Construction	10/2013	08/2014				
Other						
Total Schedule	10/2003	08/2014				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2,150,000	0	0	0	\$2,150,000	
Reserves	475,000	0	0	0	\$475,000	
Sales Tax						
Other						
Total Funding	\$3,625,000	\$0	\$0	\$0	\$3,625,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	380,000	0	0	0	\$380,000	\$307,266
Land/ROW Acquisition	125,000	0	0	0	\$125,000	\$0
Construction	3,120,000	0	0	0	\$3,120,000	\$0
Other						
Total Costs	\$3,625,000	\$0	\$0	\$0	\$3,625,000	\$307,266
Operating Impact						
No additional impact is projected with this project.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

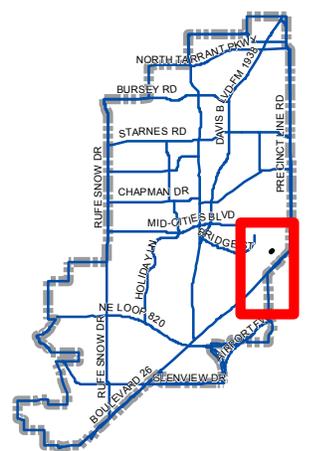


Grand Avenue
(Library to Health Markets access road)



NORTH
RICHLAND
HILLS

Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Grand Avenue (Library to HealthMarkets Access Road)				ST0904	
Project Description						
<p>This project consists of extending the paving improvements on Grand Avenue next to the new library. This is the portion of Grand Avenue 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, that project's funding could not 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.</p>						
Project Justification						
<p>This section of Grand Avenue is between the library and Arcadia's property and extends to HealthMarkets' parking lot. Presently, an asphalt pavement section exists for HealthMarkets' employees to Grand Avenue. The improvements identified in this project are improvements that are the City's responsibility since the City owns the property on one side of the street. On-street parking is not included with this project as this 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.</p> <p>Note: The "reserves" shown are from the 1994 Bond Program project savings.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$75,000	
Engineering/Design	08/2012	12/2012	Total		\$75,000	
Land/ROW Acquisition						
Construction	02/2013	05/2013				
Other						
Total Schedule	08/2012	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

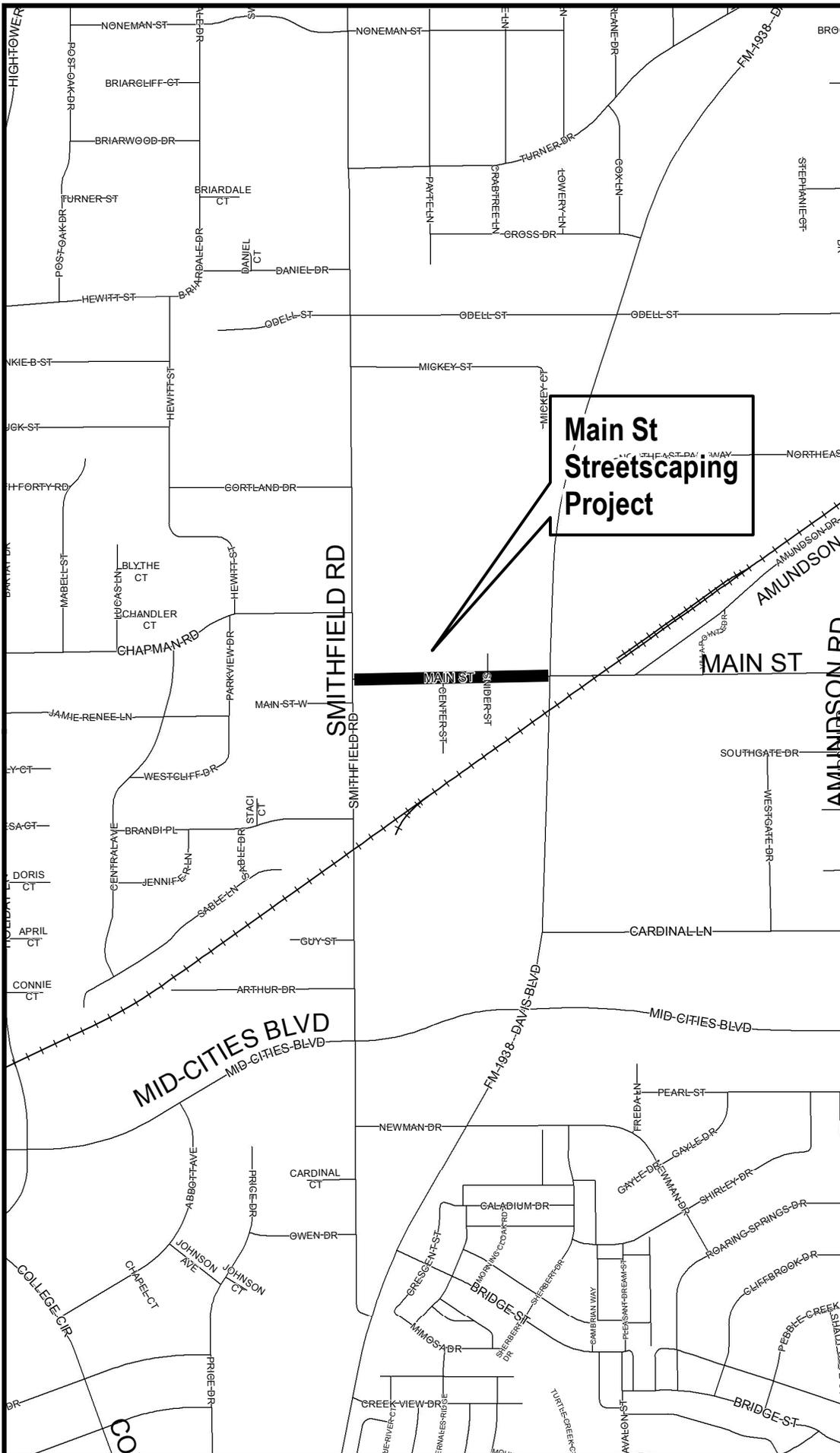
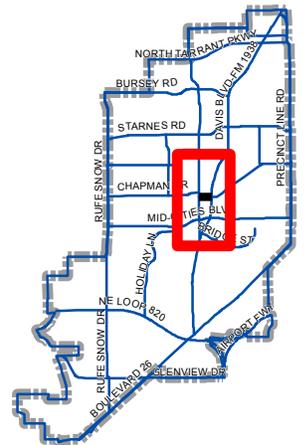
Main St Streetscaping Project

Main St Streetscaping Project



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

09 AUG 12 Standard Maps\CIP_S_MainSt_Streetscaping.mxd

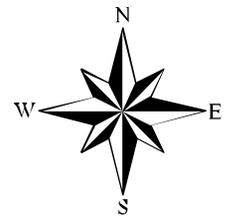
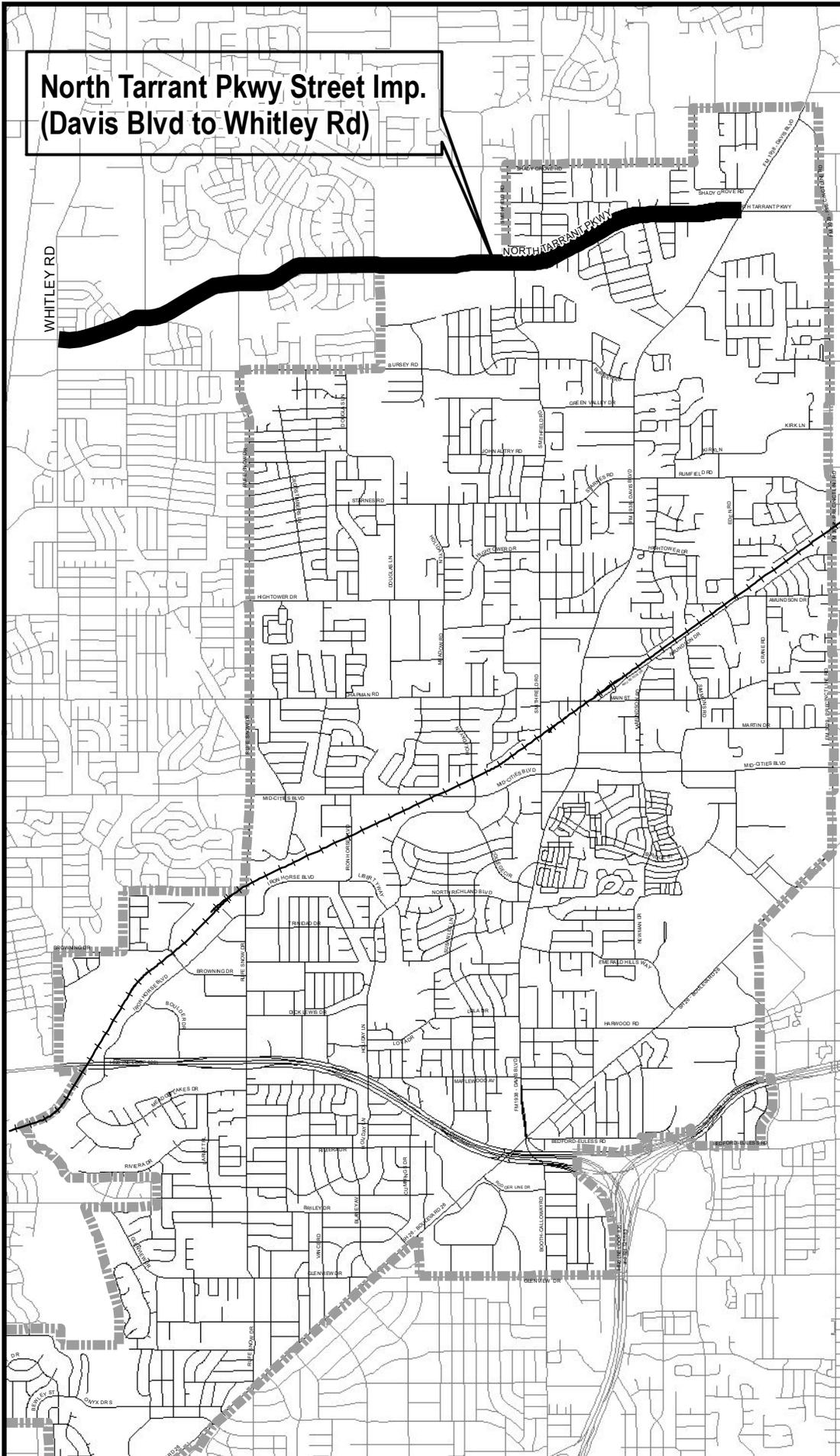
Information Services Department - GIS

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 and Certificates of Obligation.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$527,000	
Engineering/Design	03/2011	10/2011	Total		\$527,000	
Land/ROW Acquisition	03/2011	09/2011				
Construction	03/2012	03/2013				
Other						
Total Schedule	03/2011	03/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	0	230,500	230,500	\$461,000	
Federal/State Grants						
Reserves	66,000	0	0	0	\$66,000	
Sales Tax						
Other						
Total Funding	\$66,000	\$0	\$230,500	\$230,500	\$527,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	46,000	0	0	0	\$46,000	\$0
Land/ROW Acquisition	20,000	0	0	0	\$20,000	\$0
Construction	0	0	230,500	230,500	\$461,000	\$0
Other						
Total Costs	\$66,000	\$0	\$230,500	\$230,500	\$527,000	\$0
Operating Impact						
No impact on operating budget.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

**North Tarrant Pkwy Street Imp.
(Davis Blvd to Whitley Rd)**

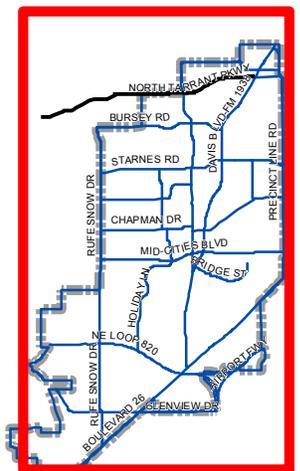
**North Tarrant
Pkw
Street Imp.**

**(Davis Blvd
to
Whitley Rd)**



**NORTH
RICHLAND
HILLS**

Project Locator Map



Street & Sidewalk Capital Projects

Department	Project Title	Project Number
Public Works	North Tarrant Pkwy. Street Imp. (Davis to Whitley Road)	ST0201

Project Description

This project provides for the widening and reconstruction of 20,000 feet of roadway divided by a raised median. Also included in this project design is irrigation, pavers, beams, trees, shrubs and street lighting. The section located in NRH will be constructed to NRH standards and the Keller section will meet the City of Keller standards. An interlocal agreement has been approved with the City of Keller to include the additional section located in the City of Keller.

Project Justification

Traffic volumes and congestion have increased in the northern part of the City over the past few years. Widening North Tarrant Parkway will reduce the traffic congestion and provide additional capacity for the growth expected in NE Tarrant County.

Note: In 2008-09 the \$3,116,950 reduction in the budget was due to the project no longer being subject to TxDOT involvement. The "de-federalization" occurred by substituting the federal grant with Tarrant County Bond Funds. The budget reduction in 2010-2011 of \$6,030,550 was a result of the economy and the very competitive bids.

Total Project Costs: The "Other" expenditures in 2011-2012 represents bond funds sold for the project prior to award of the construction contract. These funds will cover unexpected utility relocations and/or construction cost.

The "Federal/State Grants" is Tarrant County funds. The "Other" is the Keller's share. \$1,600,000 in General Obligation Bonds is from the 1994 Bond Program, \$3,860,000 is from the 2003 Bond Program and the Reserves are project savings.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	09/2002	08/2005	Revision	2011-12	\$182,167
Engineering/Design	11/2005	10/2009	Adopted Budget		\$27,357,500
Land/ROW Acquisition	05/2009	11/2009	Revision	2008-09	(\$3,116,950)
Construction	03/2010	12/2012	Revision	2009-10	\$47,150
Other			Revision	2010-11	(\$6,030,550)
Total Schedule	09/2002	12/2012	Total		\$18,439,317

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds	5,460,000	0	0	0	\$5,460,000
Certificates of Obligation	500,000	0	0	0	\$500,000
Federal/State Grants	9,750,000	0	0	0	\$9,750,000
Reserves	47,150	0	0	0	\$47,150
Sales Tax					
Other	2,682,167	0	0	0	\$2,682,167
Total Funding	\$18,439,317	\$0	\$0	\$0	\$18,439,317

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost
Professional Services					
Engineering/Design	1,877,282	0	0	0	\$1,877,282
Land/ROW Acquisition	69,868	0	0	0	\$69,868
Construction	15,182,167	0	0	0	\$15,182,167
Other	1,310,000	0	0	0	\$1,310,000
Total Costs	\$18,439,317	\$0	\$0	\$0	\$18,439,317

Operating Impact

No operating impact anticipated.

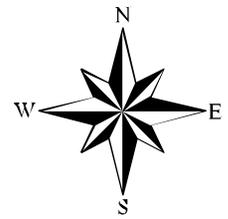
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Preventive Street Maintenance (2012)				SM1201	
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 the project provides crack sealing for approximately 15 to 25 streets, slurry seals for 15 to 25 streets, and a 2" asphalt overlay for 12 to 15 streets. In addition to these three maintenance methods, staff will be searching for new preventive procedures to consider in the future.						
Project Justification						
This preventive maintenance delays more costly street reconstruction and extends the life of the current street system. This project provides staff with the funding to apply the appropriate maintenance methods 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 total reconstruction.						
Funding source is \$800,000 from General Fund Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$800,000	
Engineering/Design			Total		\$800,000	
Land/ROW Acquisition						
Construction	06/2012	11/2012				
Other						
Total Schedule	06/2012	11/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	800,000	0	0	0	\$800,000	\$303,346
Other						
Total Costs	\$800,000	\$0	\$0	\$0	\$800,000	\$303,346
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

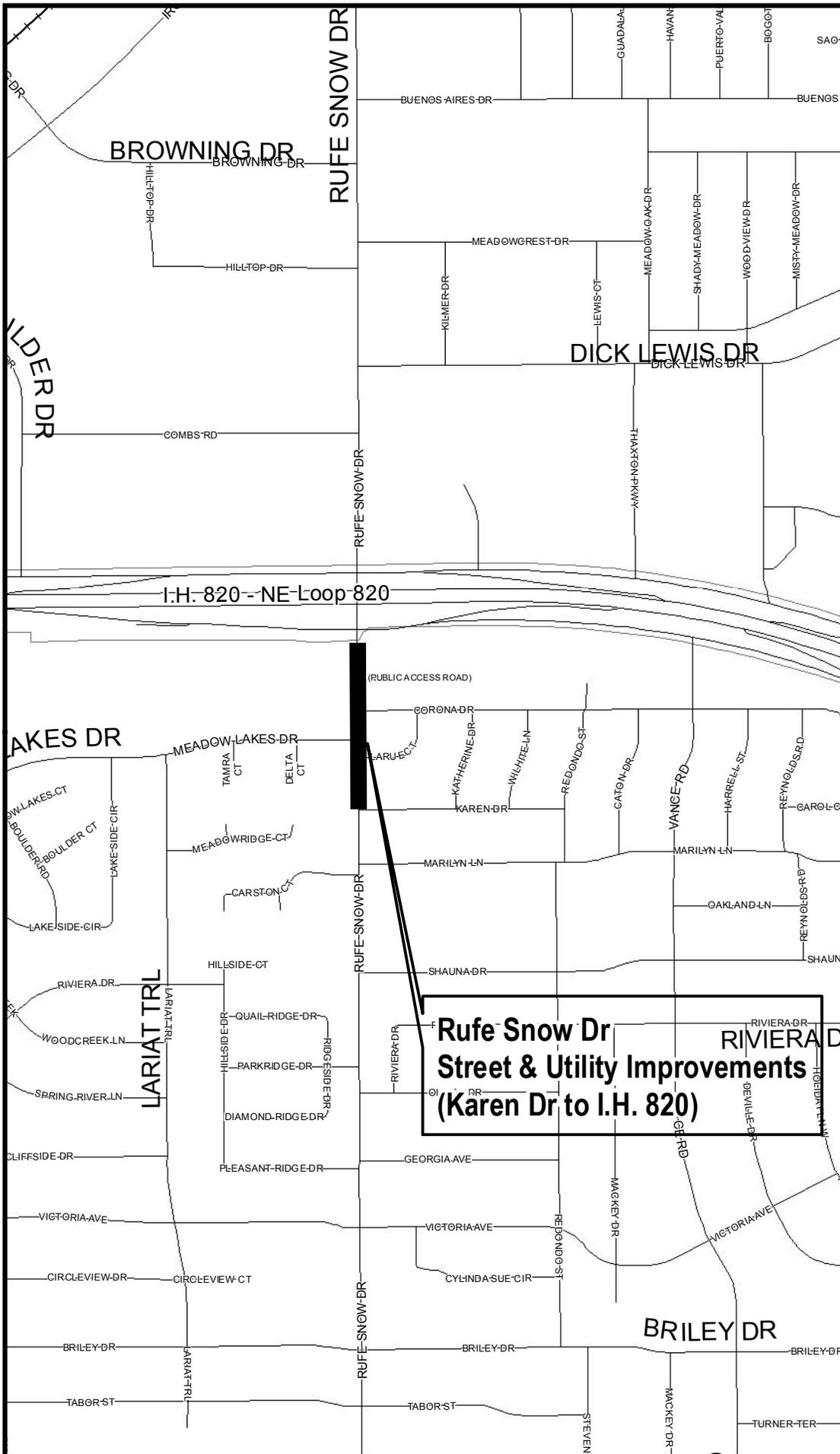
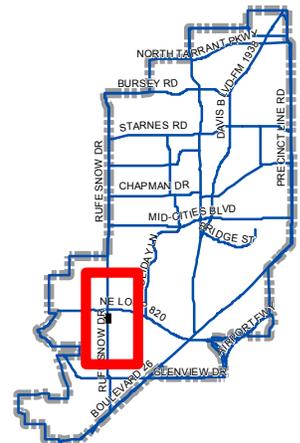
Rufe Snow Dr Street & Utility Improvements

(Karen Dr to
I.H. 820)



**NORTH
RICHLAND
HILLS**

Project Locator Map



Scale: 1" = 800'

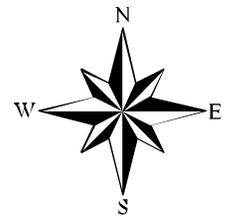
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Information Services Department - GIS

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Rufe Snow Dr. Street & Utility Imp. (Karen Drive to I.H. 820)				ST0102	
Project Description						
This project begins at Karen Drive and ends on the north side of Corona Drive (approximate ending of the TxDOT Bridge project). The intersection at Meadowlakes Drive will be improved as part of this project. Rufe Snow Drive will be widened with right turn lanes and improved signalization. This section will transition from the wider section at the bridge to the 4 lane section at Karen Drive. The project will be constructed as a concrete street with sidewalks and all necessary water and sewer main adjustments. Street lights and signalization at Meadow Lakes will be constructed to the City's standards.						
Project Justification						
This section of Rufe Snow Drive was originally constructed in the 1960's as an asphalt street. The average life of an asphalt street is 20 years. This street is over 40 years old and has never been overlaid. The current street condition rating is 45. This rating is considered to be Poor, consisting of significant potholes, complete surface deterioration, and misaligned curb and pavement surface. The additional lanes added to this section of Rufe Snow will reduce traffic congestion at the freeway frontage roads.						
The \$100,000 shown as "reserves" is from Utility Operations for Capital Projects. \$368,500 is from the 1985 General Obligation Bond Election and \$417,450 is from the 1994 General Obligation Bond Election.						
Note: The begin construction date indicated in the schedule is only an estimate. The actual begin date will be coordinated with other phases of the NTE Loop 820 Widening project so we don't have the Iron Horse Bridge and the Rufe Snow bridge under construction at the same time.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	1996-97	\$737,000	
Engineering/Design	01/2001	05/2008	Revision	1997-98	\$177,450	
Land/ROW Acquisition	08/2008	01/2011	Revision	2001-02	(\$28,500)	
Construction	09/2013	04/2014	Total		\$885,950	
Other						
Total Schedule	01/2001	04/2014				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	785,950	0	0	0	\$785,950	
Certificates of Obligation						
Federal/State Grants						
Reserves	100,000	0	0	0	\$100,000	
Sales Tax						
Other						
Total Funding	\$885,950	\$0	\$0	\$0	\$885,950	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	517,619	0	0	0	\$517,619	
Other						
Total Costs	\$885,950	\$0	\$0	\$0	\$885,950	
Operating Impact						
Road maintenance and other operating expenses should be nominal during the first 5 to 10 years for this project.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

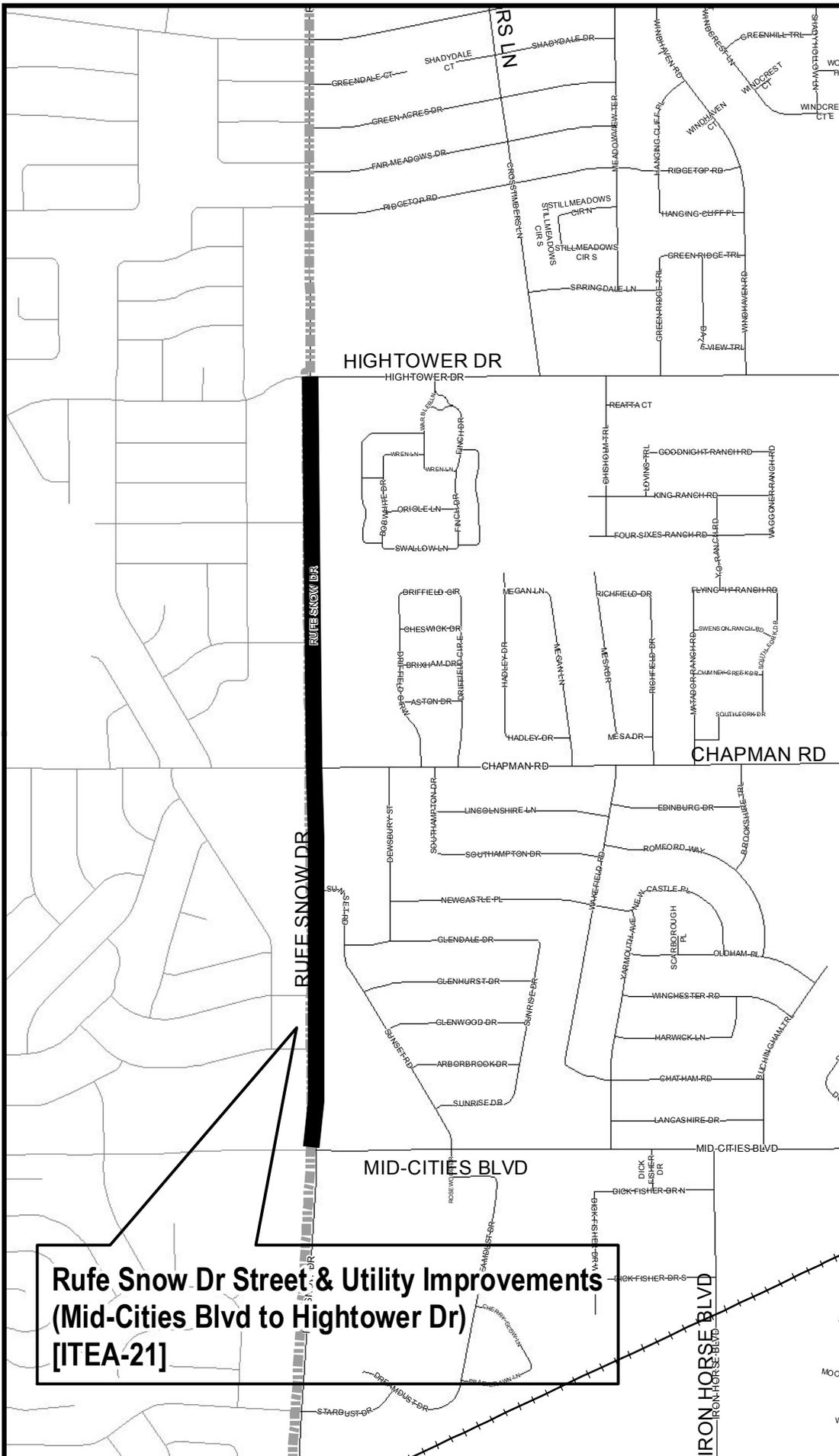
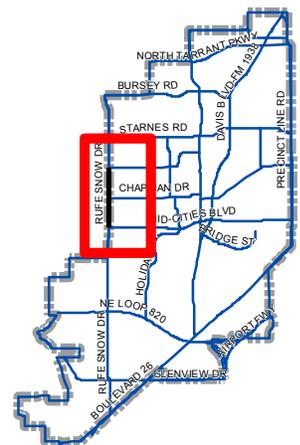
Rufe Snow Dr Street & Utility Improvements

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



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HILLS

Project Locator Map



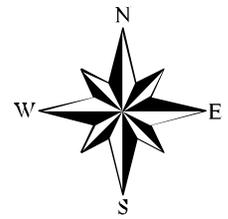
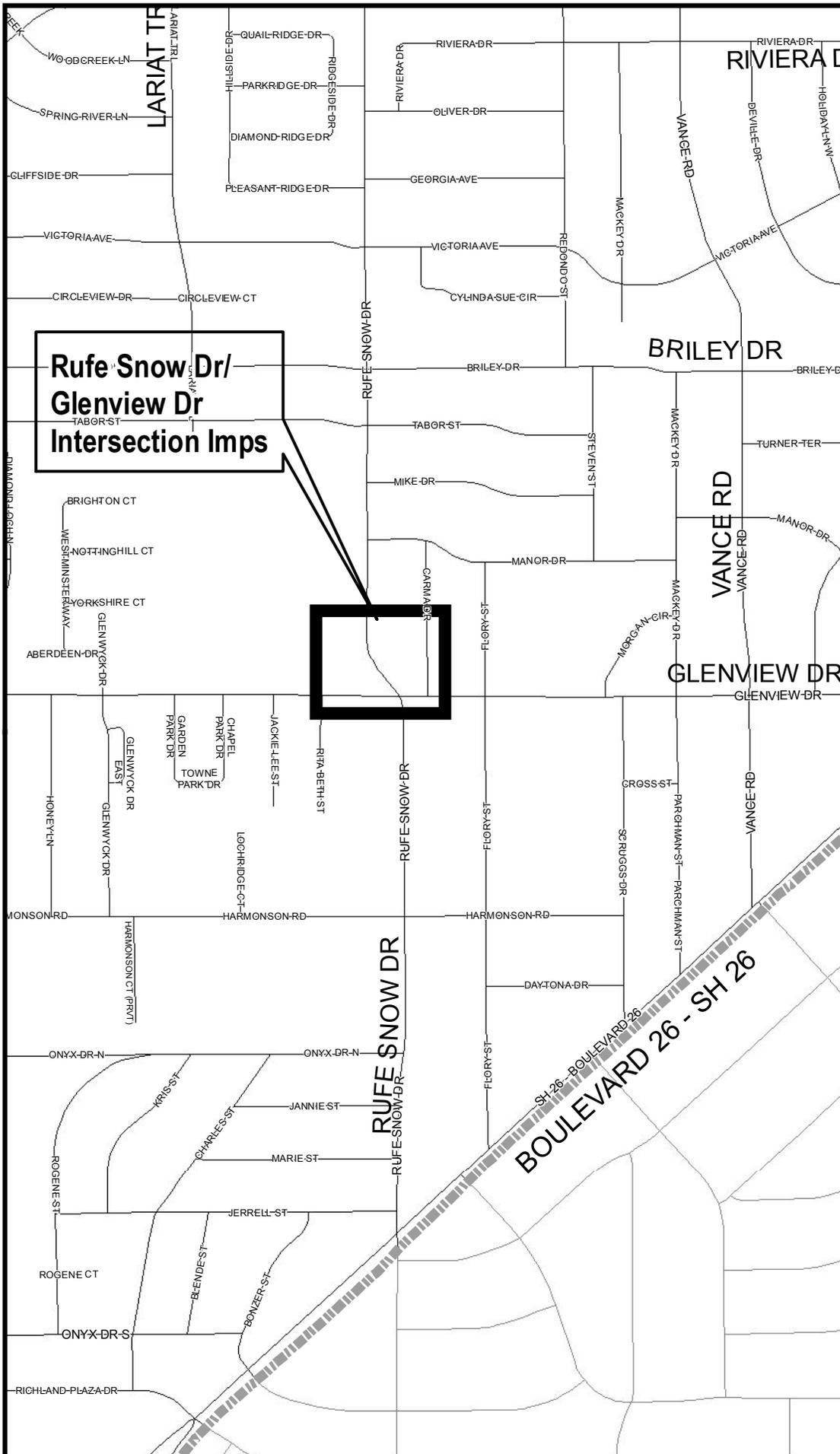
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Information Services Department - GIS

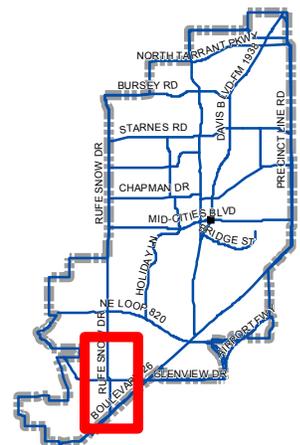
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Rufe Snow Dr. Street & Utility Imp. (Mid-Cities to Hightower)[TEA-21]				ST0202	
Project Description						
This project widens approximately 5,300 feet of the existing 5-lane thoroughfare to 7 lanes. This 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. Failure to relocate or replace water and sewer mains prior to street construction could result in conflicts with proposed drainage and allow aged facilities to remain under newly constructed thoroughfares.						
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 \$700,000 from the North Tarrant Parkway 2003 Bond Election project authorization. This is in lieu of issuing extra C.O.s for this project. Reserves funding is from General CIP project savings.						
Project Schedule						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2001	10/2007	Adopted Budget	2001-02	\$11,610,000	
Engineering/Design	03/2008	05/2013	Revision	2006-07	\$2,117,000	
Land/ROW Acquisition	04/2011	01/2013	Total		\$13,727,000	
Construction	01/2014	02/2016				
Other						
Total Schedule	10/2001	02/2016				
Sources of Funds						
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	5,690,000	0	0	0	\$5,690,000	
Certificates of Obligation						
Federal/State Grants	7,562,000	0	0	0	\$7,562,000	
Reserves	475,000	0	0	0	\$475,000	
Sales Tax						
Other						
Total Funding	\$13,727,000	\$0	\$0	\$0	\$13,727,000	
Project Costs						
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	1,600,000	0	0	0	\$1,600,000	
Land/ROW Acquisition	2,000,000	0	0	0	\$2,000,000	
Construction	10,127,000	0	0	0	\$10,127,000	
Other						
Total Costs	\$13,727,000	\$0	\$0	\$0	\$13,727,000	
Operating Impact						
Road maintenance and other operating expenses should be nominal during the first 5 to 10 years for this project.						
Fiscal Year						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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



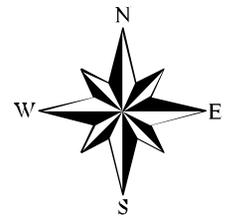
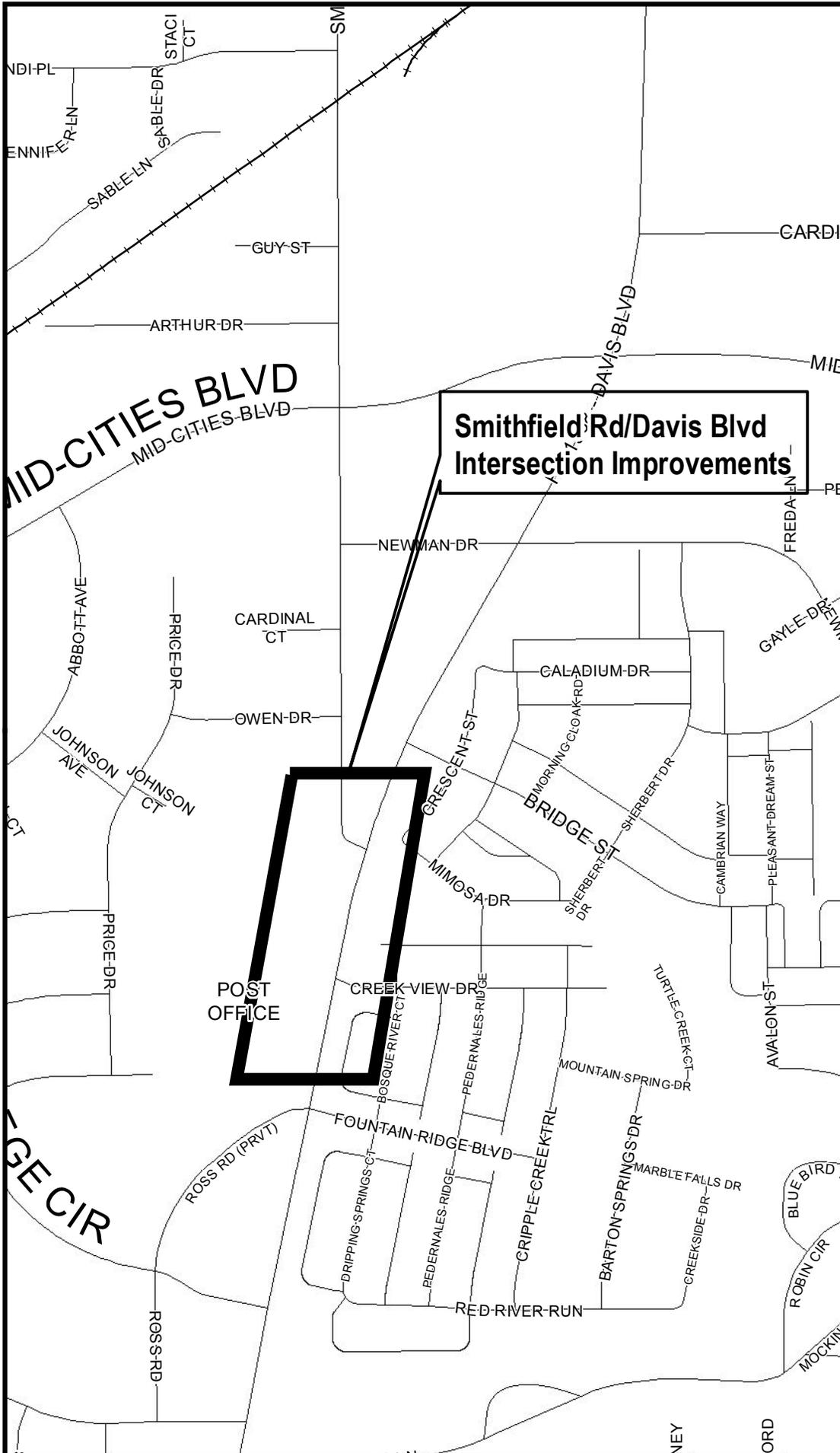
**NORTH
RICHLAND
HILLS**

Project Locator Map



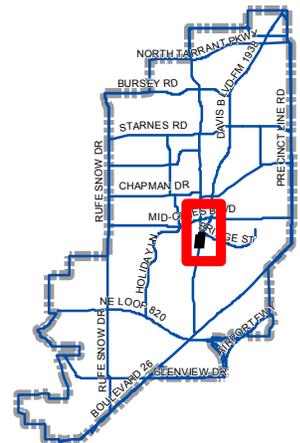
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Rufe Snow Drive & Glenview Drive Intersection Improvements				ST1201	
Project Description						
This project consists of improvements to the intersection of Rufe Snow Dr. and Glenview Dr. Glenview Dr. will be widened to provide dedicated left turn lanes for the eastbound and westbound leg of the intersection and realign the southbound segment of Rufe Snow Dr. to shift the dedicated right turn lane adjacent to the other travel lanes. Additionally, aesthetic improvements will be installed which include a public art exhibit at the northwest corner of the intersection, landscaping features, burying power lines at the immediate intersection and brick pavers at crosswalks.						
Project Justification						
The Rufe Snow Drive and Glenview Drive intersection was originally identified as part of the South Grapevine Corridor Study. This intersection serves as an important connection between the residents in the southern portion of the City with major street corridors such as Boulevard 26 and Loop 820. Improving this intersection would be the first step in stimulating private development in and around the area. In 2009, a study was completed to evaluate alternatives for reconfiguring and revitalizing this intersection. The recommendations from the study included aesthetic improvements at the intersection in conjunction with expanding the intersection to its ultimate configuration.						
These improvements meet the long-term goals of the City in terms of economic growth and traffic safety and incorporate recommendations identified in the 2009 intersection study. Providing dedicated left turn lanes on Glenview Drive and reconfiguring the right turn lane for southbound traffic on Rufe Snow Drive will enhance traffic safety. 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. Funding Source is Street Project Savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$1,435,000	
Engineering/Design	11/2011	09/2012	Total		\$1,435,000	
Land/ROW Acquisition	06/2012	09/2012				
Construction	11/2012	11/2013				
Other						
Total Schedule	11/2011	11/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	1,435,000	0	0	0	\$1,435,000	
Sales Tax						
Other						
Total Funding	\$1,435,000	\$0	\$0	\$0	\$1,435,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Smithfield Rd/ Davis Blvd Intersection Improvements

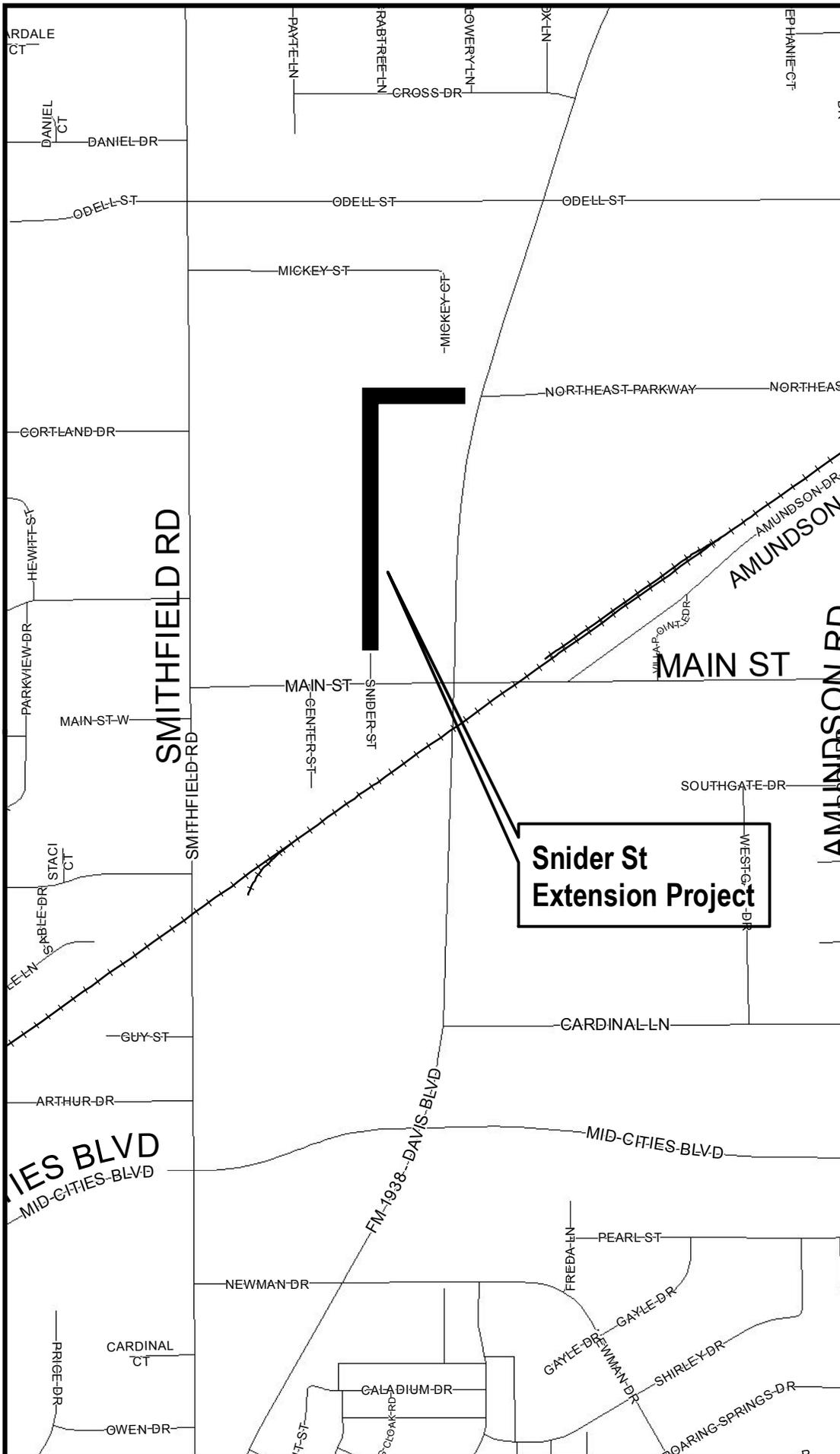


NORTH RICHLAND HILLS

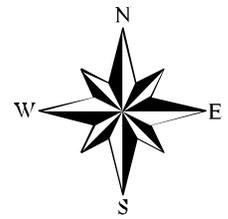
Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Smithfield Road/Davis Boulevard Intersection Improvements				ST1203	
Project Description						
This project will consist of the preliminary design and traffic impact study for the intersection of Smithfield Road and Davis Boulevard. The City's Master Thoroughfare Plan calls for Smithfield Road to be realigned so that it connects into Davis Boulevard at Bridge Street instead of the current connection just north of the Post Office. The purpose of this project is to evaluate the impacts of traffic at key points along Davis Boulevard with the main focus of the study on the traffic impacts at the Post Office and the Smithfield Road/ Davis Boulevard intersection.						
Project Justification						
The city has received numerous calls concerning the traffic along Davis Boulevard between the Post Office and Mid-Cities Boulevard. Currently there are approximately 50,000 cars each day traveling along this section of Davis Boulevard. The city is evaluating different solutions to improve this condition. In order to determine the best solution the city must first determine how the future connection of Smithfield Road at Bridge Street will impact the traffic along this segment of Davis Boulevard.						
Funding is General Capital Projects Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$70,000	
Engineering/Design	01/2012	10/2012	Total		\$70,000	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	01/2012	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	70,000	0	0	0	\$70,000	
Sales Tax						
Other						
Total Funding	\$70,000	\$0	\$0	\$0	\$70,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	70,000	0	0	0	\$70,000	
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$70,000	\$0	\$0	\$0	\$70,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

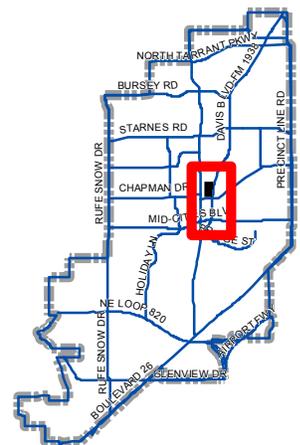


Snider St Extension Project



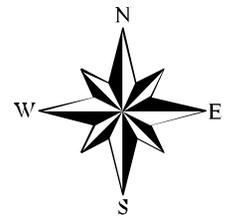
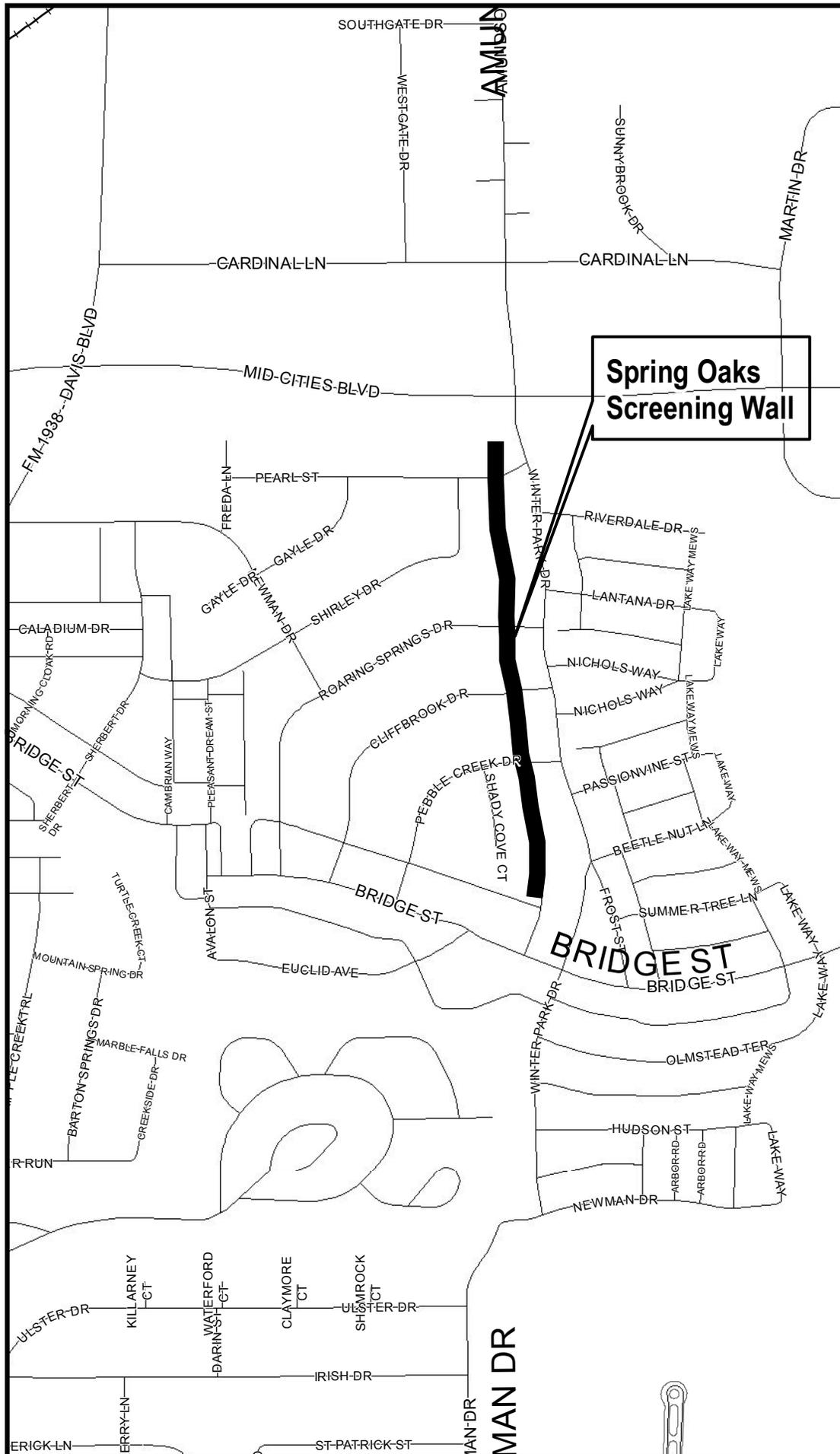
NORTH RICHLAND HILLS

Project Locator Map



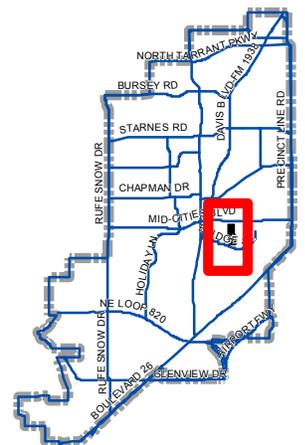
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Snider Street Extension Project				ST1102	
Project Description						
Snider Street Extension Project is a designated new transit oriented development street running north of Main Street as part of the approved 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.						
Reserves funding is the 1994 CO Bonds Project Savings for the \$130,010 in 2010-11. Other funding source will come from a portion of proceeds from the sale of property or developer contributions.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
Professional Services		Adopted Budget	2010-11	\$2,800,050		
Engineering/Design	10/2012	05/2013	Total	\$2,800,050		
Land/ROW Acquisition						
Construction	07/2013	04/2014				
Other						
Total Schedule	10/2012	04/2014				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	1,694,540	545,500	0	\$2,240,040	
Reserves	130,010	0	0	0	\$130,010	
Sales Tax						
Other	0	430,000	0	0	\$430,000	
Total Funding	\$130,010	\$2,124,540	\$545,500	\$0	\$2,800,050	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost		
Professional Services						
Engineering/Design	130,010	124,540	0	0	\$254,550	
Land/ROW Acquisition						
Construction	0	2,000,000	545,500	0	\$2,545,500	
Other						
Total Costs	\$130,010	\$2,124,540	\$545,500	\$0	\$2,800,050	
Operating Impact						
No operating impact anticipated.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Spring Oaks Screening Wall



NORTH RICHLAND HILLS

Project Locator Map

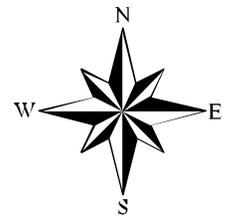


Scale: 1" = 600'

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Spring Oaks Screening Wall				ST1103	
Project Description						
This project will consist of replacing a masonry screening wall which is currently located within the public right-of-way. The wall is more than 20 years old and is falling down due to foundation failure. The new wall will be approximately 1,000 feet long and will be constructed on public right-of-way then dedicated to private property owners for future maintenance.						
Project Justification						
Typically screening walls are located on private property and are not the responsibility of the city. However, 20 years ago approximately 1,000 feet of this wall was located within public right-of-way. Now that the wall is failing and becoming a safety concern it the responsibility of the city to remove and replace. The new wall will be constructed in public right-of-way and then dedicated to private property owners for future maintenance.						
Note: The funding source identified as Reserves represents project savings from previously completed projects.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$225,000	
Engineering/Design	10/2011	03/2012	Total		\$225,000	
Land/ROW Acquisition						
Construction	08/2012	11/2012				
Other						
Total Schedule	10/2011	11/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	225,000	0	0	0	\$225,000	
Sales Tax						
Other						
Total Funding	\$225,000	\$0	\$0	\$0	\$225,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	30,000	0	0	0	\$30,000	
Land/ROW Acquisition						
Construction	195,000	0	0	0	\$195,000	
Other						
Total Costs	\$225,000	\$0	\$0	\$0	\$225,000	
Operating Impact						
There will be no operating impact. Upkeep for wall will be responsibility of homeowners.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

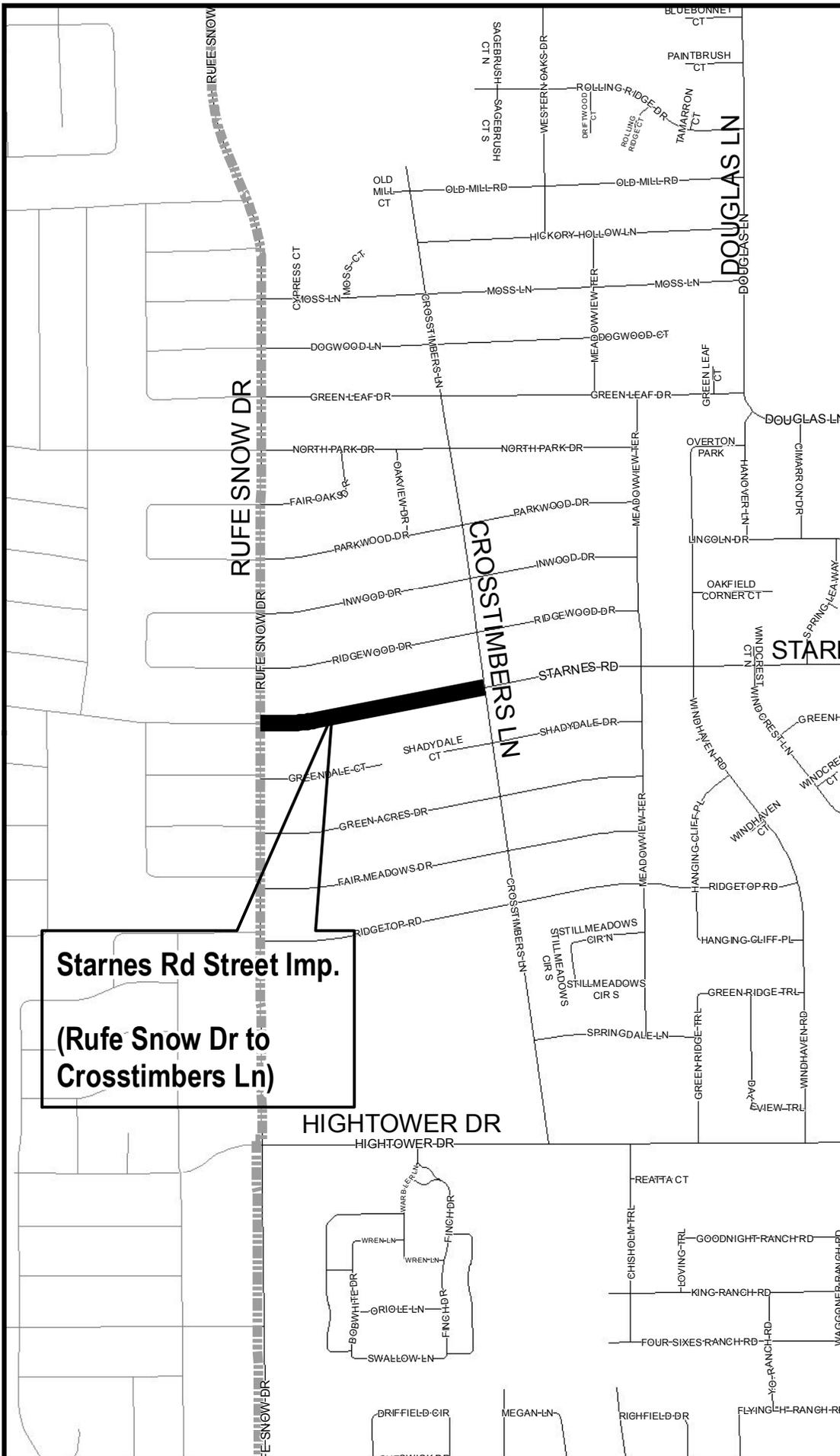
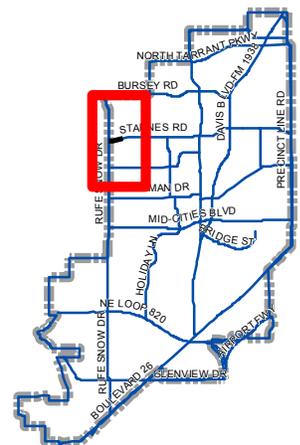
Starnes Rd Street Improvements

(Rufe Snow Dr to Crosstimbers Ln)



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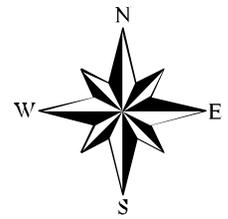
Project Locator Map



Starnes Rd Street Imp.
(Rufe Snow Dr to Crosstimbers Ln)

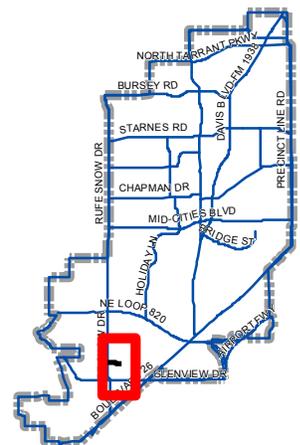
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Starnes Road Street Imp. (Rufe Snow Dr. to Crosstimbers Ln.)				ST1001	
Project Description						
This area is identified on the Master Thoroughfare Plan as a Minor Collector, 2 Lane, Undivided (C2U). This 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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$600,000	
Engineering/Design	05/2010	09/2012	Total		\$600,000	
Land/ROW Acquisition						
Construction	10/2012	04/2013				
Other						
Total Schedule	05/2010	04/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	600,000	0	0	0	\$600,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$600,000	\$0	\$0	\$0	\$600,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	105,000	0	0	0	\$105,000	
Land/ROW Acquisition						
Construction	495,000	0	0	0	\$495,000	
Other						
Total Costs	\$600,000	\$0	\$0	\$0	\$600,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Tabor St Street Improvements (Rufe Snow Dr to Steven St)

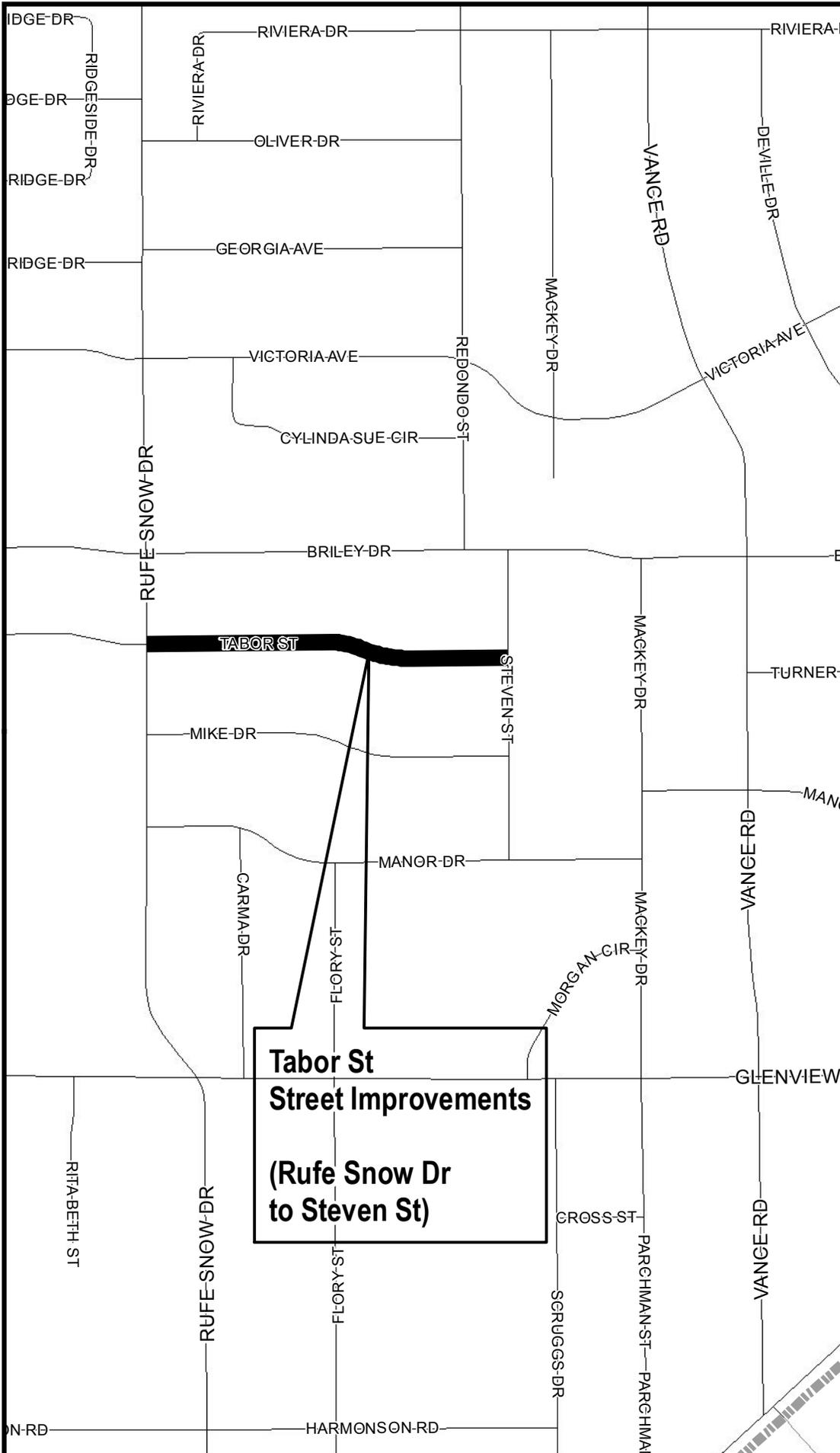


NORTH RICHLAND HILLS

Project Locator Map



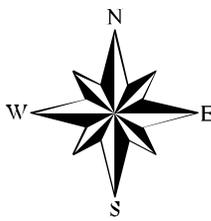
**Tabor St
Street Improvements
(Rufe Snow Dr
to Steven St)**



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Tabor Street Improvements (Rufe Snow Drive to Steven Street)				ST1002	
Project Description						
This street is identified on the Master Thoroughfare Plan as a Residential, 2 Lane, Undivided (R2U). This project will begin at Rufe Snow Drive and will end at Stevens Street. 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 Tabor Street was originally constructed in 1950 as an asphalt street. The average life of an asphalt street is 20 years. This street is in excess of 62 years old and was overlaid in 1975. The current street condition rating is 59. This rating is considered to be fair; however, it is very close to being rated a poor. This rating indicates areas of major cracks with significant surface deterioration; alligator cracks with minor potholes and subgrade deterioration.						
The General Obligation Bonds are from the 2003 Bond Program.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$400,000	
Engineering/Design	09/2011	03/2012	Total		\$400,000	
Land/ROW Acquisition						
Construction	07/2012	12/2012				
Other						
Total Schedule	09/2011	12/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	400,000	0	0	0	\$400,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$400,000	\$0	\$0	\$0	\$400,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	68,000	0	0	0	\$68,000	
Land/ROW Acquisition						
Construction	332,000	0	0	0	\$332,000	
Other						
Total Costs	\$400,000	\$0	\$0	\$0	\$400,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

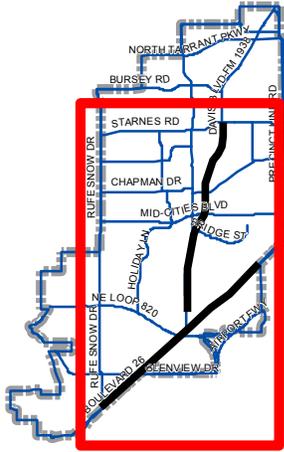
Traffic Signal Light Infrastructure Upgrades

Traffic Signal Light Infrastructure Upgrades (15 intersections)

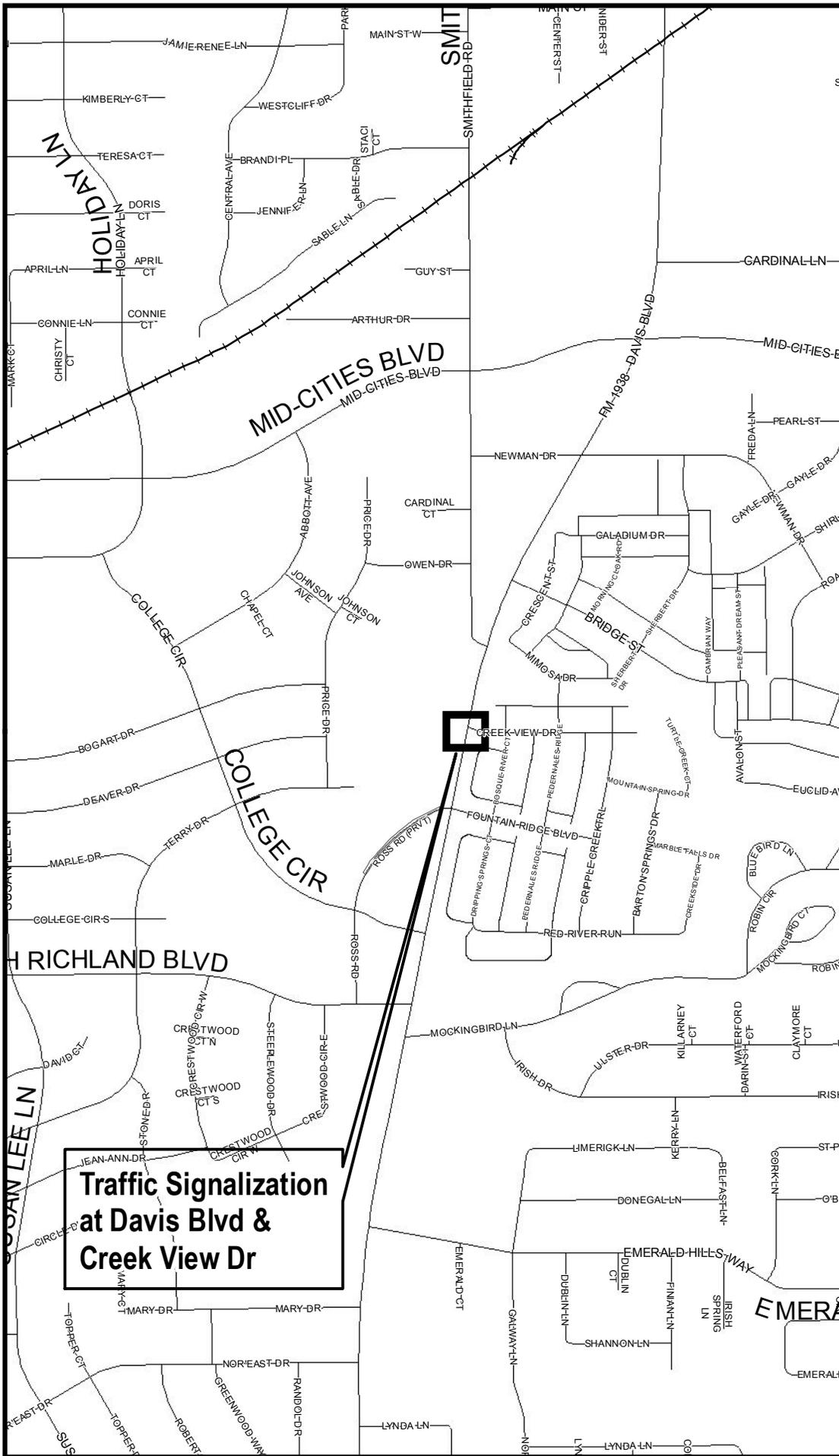


NORTH RICHLAND HILLS

Project Locator Map

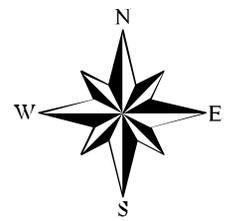


Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Traffic Signal Light Infrastructure Upgrades				ST1204	
Project Description						
This project will consist of upgrading the traffic signal infrastructure at fifteen locations to include painting galvanized mast arms and signal poles and replacing yellow colored signal head housings with black signal head housings.						
Project Justification						
Fifteen signalized intersections located along Boulevard 26 and Davis Boulevard corridors currently do not conform to the City Image standard. These traffic signals have galvanized mast arms, signal poles, and yellow colored signal heads. This project would provide for a turn key project to paint the galvanized mast arms and poles black and change out the existing yellow colored signal heads to black. The project would bring these traffic signal lights up to current City Image standard.						
Funding Source is Street Project Savings.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$195,000	
Engineering/Design			Total		\$195,000	
Land/ROW Acquisition						
Construction	07/2012	11/2012				
Other						
Total Schedule	07/2012	11/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	195,000	0	0	0	\$195,000	
Sales Tax						
Other						
Total Funding	\$195,000	\$0	\$0	\$0	\$195,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	195,000	0	0	0	\$195,000	
Other						
Total Costs	\$195,000	\$0	\$0	\$0	\$195,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



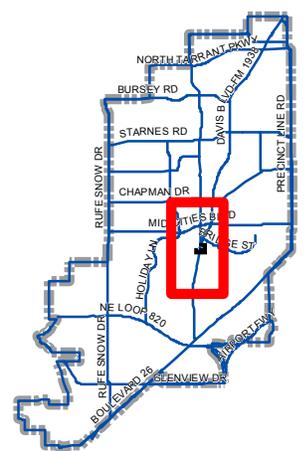
**Traffic Signalization
at Davis Blvd &
Creek View Dr**

Traffic Signalization at Davis Blvd & Creek View Dr

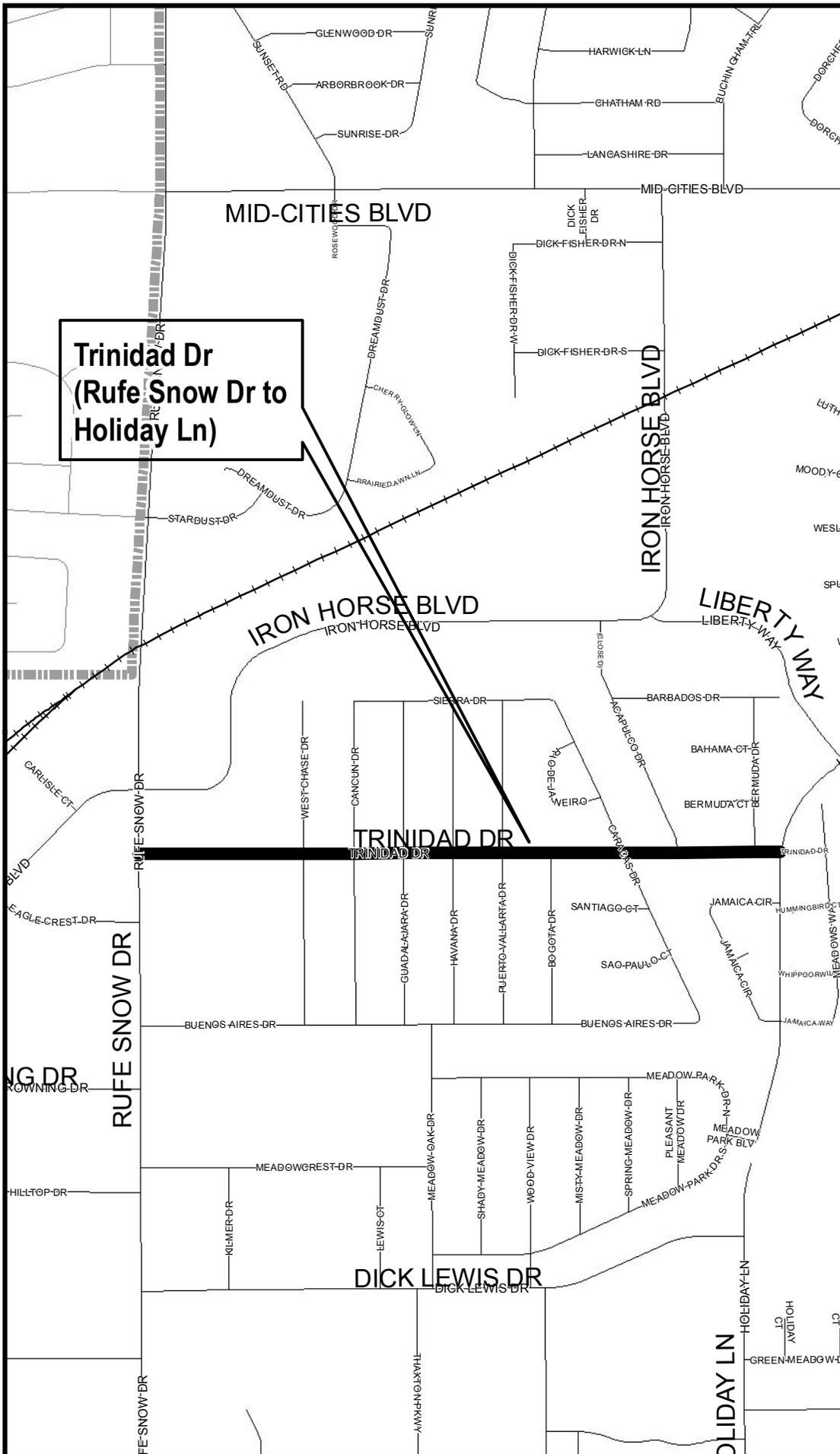


NORTH RICHLAND HILLS

Project Locator Map

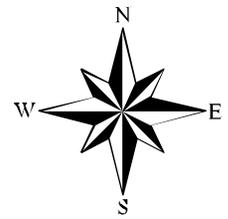


Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Traffic Signalization at Davis Boulevard & Creek View Drive				ST1005	
Project Description						
This project consists of both the design and construction of a new traffic signal light at the intersection 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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$300,000	
Engineering/Design	05/2010	08/2012	Total		\$300,000	
Land/ROW Acquisition						
Construction	10/2012	04/2013				
Other						
Total Schedule	05/2010	04/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	65,000	0	0	0	\$65,000	
Land/ROW Acquisition						
Construction	235,000	0	0	0	\$235,000	
Other						
Total Costs	\$300,000	\$0	\$0	\$0	\$300,000	
Operating Impact						
Maintenance cost						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$1,083	\$1,300	\$1,300	\$0	\$3,683
Total Operating Impact	\$0	\$1,083	\$1,300	\$1,300	\$0	\$3,683



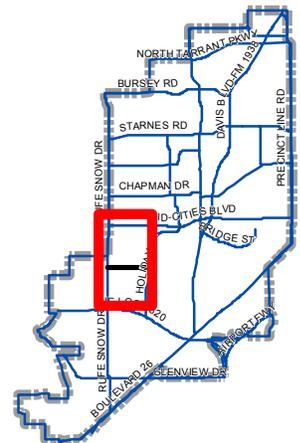
**Trinidad Dr
(Rufe Snow Dr to
Holiday Ln)**

**Trinidad Dr
(Rufe Snow Dr to
Holiday Ln)**



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Project Locator Map

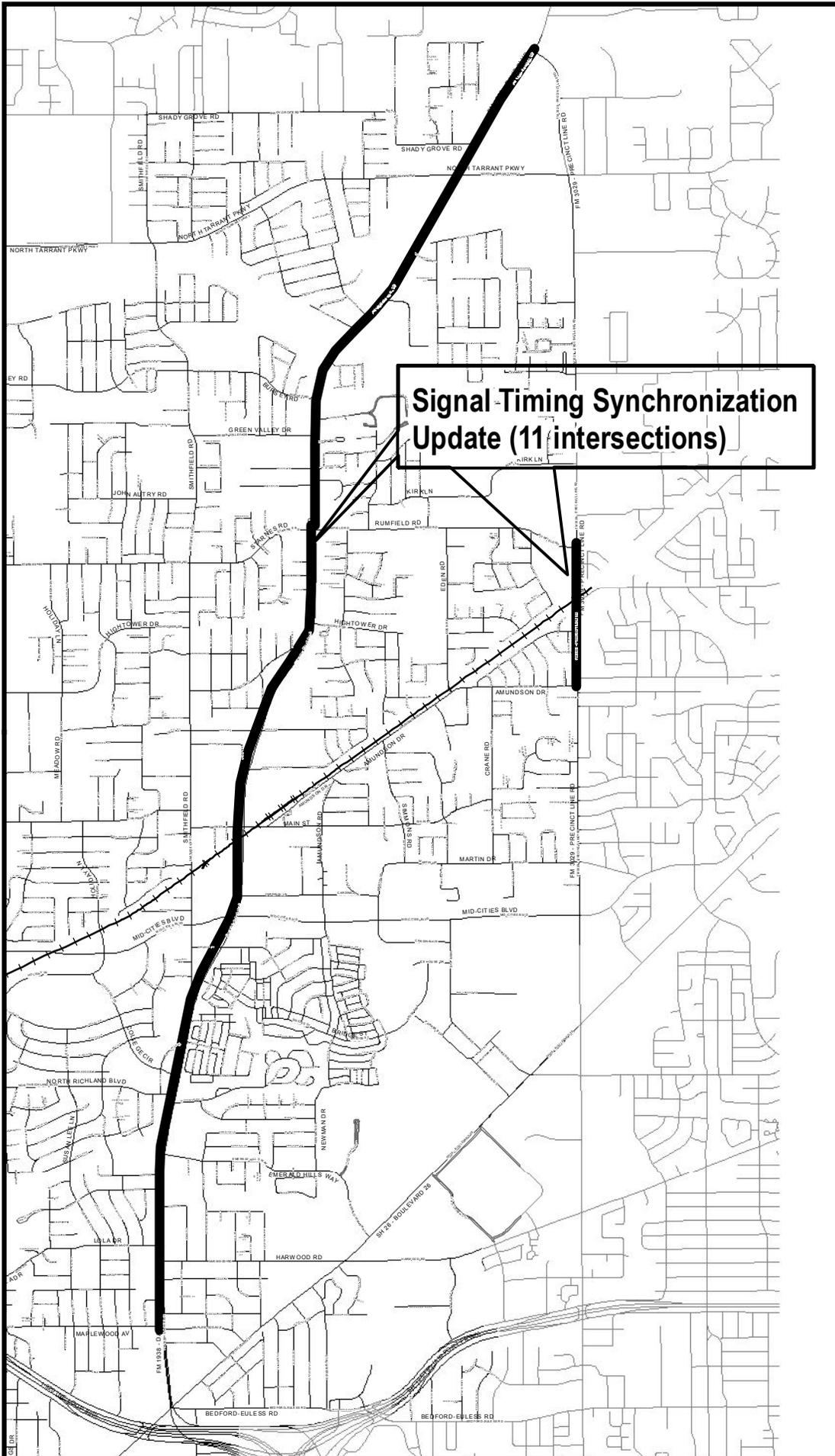


Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Trinidad Drive (Rufe Snow Dr to Holiday Ln.)				ST0909	
Project Description						
This project was selected for the 2003 Bond Program. Trinidad Drive is identified on the Master Thoroughfare Plan as being a Minor Collector, 2 Lane, Undivided (C2U). This project will begin at Rufe Snow Dr. and will end at Holiday Ln. It will consist of reconstructing approximately 3,500 feet of street with concrete pavement and provide drainage improvements necessary to comply with current city standards. New sidewalks will be constructed the full length of Trinidad connecting Rufe Snow Drive with Holiday Lane.						
Project Justification						
This section of Trinidad Drive was originally constructed in 1979 as an asphalt street. The average life of an asphalt street is 20 years. This street is approximately 33 years old. Trinidad Drive is a collector street that links Rufe Snow Drive to Holiday Lane. This street gets additional traffic from the commercial property and apartments located adjacent to it. The current street condition rating is 53. This rating is considered to be poor, consisting of significant potholes, complete surface deterioration and misaligned curb and pavement surface.						
The General Obligation Bonds are part of the 2003 Bond Election.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$1,110,000	
Engineering/Design	04/2010	03/2012	Total		\$1,110,000	
Land/ROW Acquisition						
Construction	07/2012	05/2013				
Other						
Total Schedule	04/2010	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	1,110,000	0	0	0	\$1,110,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$1,110,000	\$0	\$0	\$0	\$1,110,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	182,000	0	0	0	\$182,000	
Land/ROW Acquisition						
Construction	928,000	0	0	0	\$928,000	
Other						
Total Costs	\$1,110,000	\$0	\$0	\$0	\$1,110,000	
Operating Impact						
Road maintenance and other operating expenditures should be nominal for the first 5 to 10 years for this project.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

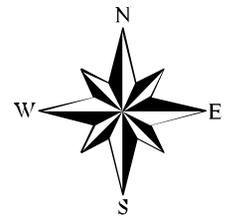
Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	New Sidewalk and Sidewalk Rehabilitation Project (2013)				SD1301	
Project Description						
This project provides for rehabilitation of the City's sidewalk system and for the construction of new sidewalk in high pedestrian areas which warrant City participation. There are 2 aspects to the project funding: Funding provided for sidewalk rehabilitation will allow for the replacement of a selected amount of square feet of deteriorated sidewalks in residential and high pedestrian areas. Funding provided for new sidewalks will allow the City to place new sidewalks along selected streets.						
Project Justification						
One of the City's goals is to revitalize some of the older sections of the City. These programs are an excellent way to improve the older neighborhoods.						
The Sidewalk Rehabilitation project will allow for staff to address the 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 make necessary repairs at these locations.						
The new sidewalk program would provide sidewalks in needed areas around schools and other high pedestrian areas. Public Works has identified several locations that are in need of sidewalks. Most of the locations are near public school sites and are part of the department's Safe Routes to School Program.						
Funding source is Preventative Sidewalk Maintenance Fund.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$50,000	
Engineering/Design			Total		\$50,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	0	50,000	0	0	\$50,000	
Total Funding	\$0	\$50,000	\$0	\$0	\$50,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Preventive Street Maintenance (2013)				SM1301	
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 the project provides crack sealing for approximately 15 to 25 streets, slurry seals for 15 to 25 streets, and a 2" asphalt overlay for 12 to 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 delay more costly street reconstruction and extend 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 and Pay-As-You-Go Reserves for Capital Project at \$100,000.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$900,000	
Engineering/Design			Total		\$900,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	900,000	0	0	\$900,000	
Sales Tax						
Other						
Total Funding	\$0	\$900,000	\$0	\$0	\$900,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	900,000	0	0	\$900,000	
Other						
Total Costs	\$0	\$900,000	\$0	\$0	\$900,000	
Operating Impact						
No impact on operating budget						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Signal Timing Synchronization Update

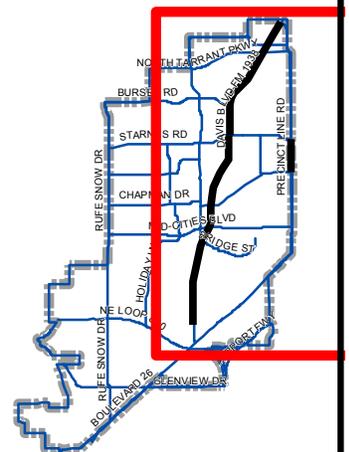


Signal Timing Synchronization Update (11 intersections)

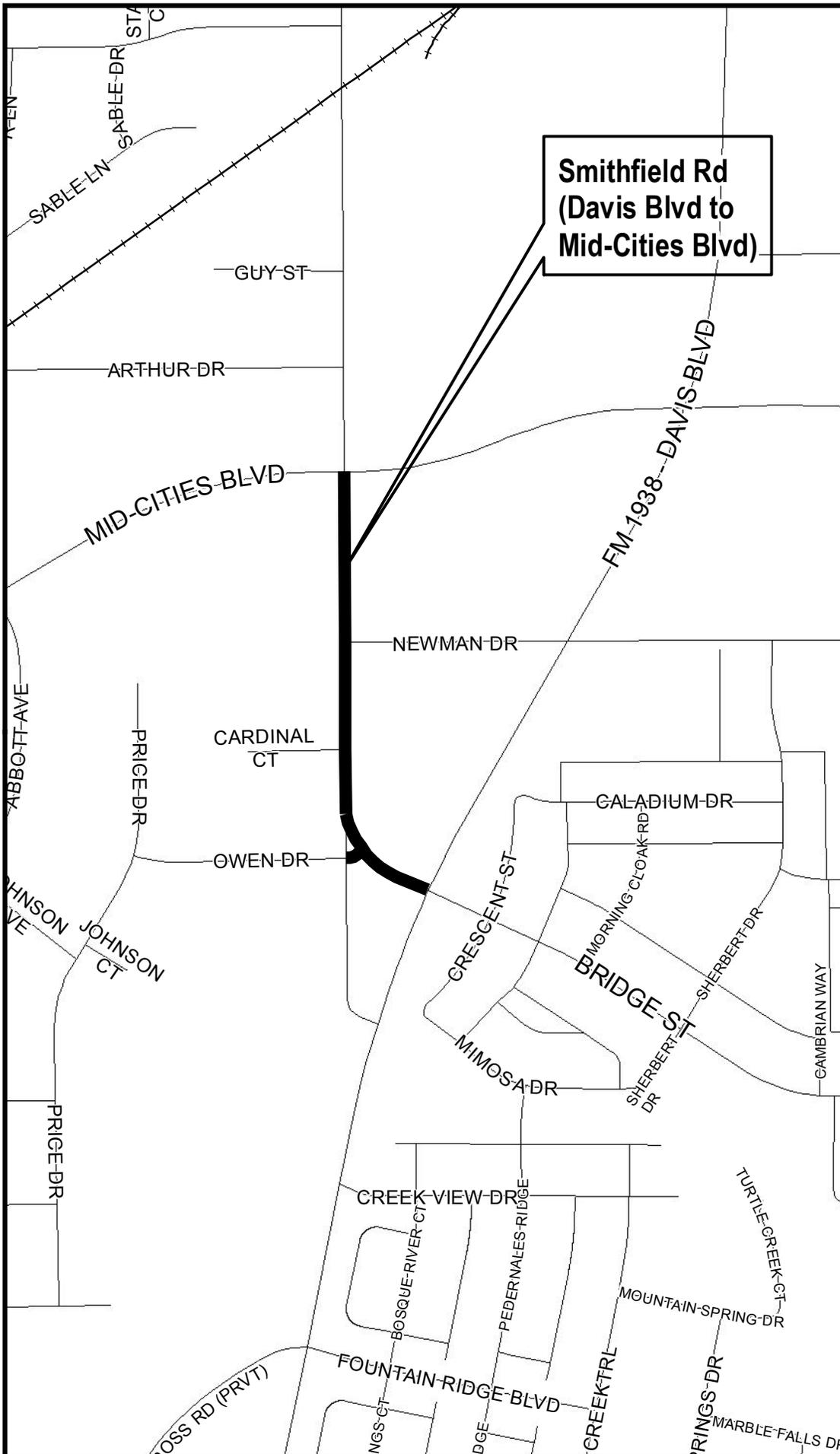


NORTH RICHLAND HILLS

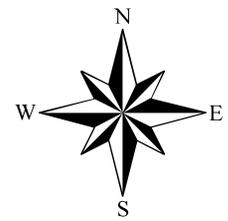
Project Locator Map



Street & Sidewalk Capital Projects						
Department	Project Title				Project Number	
Public Works	Signal Timing Synchronization Update				ST1301	
Project Description						
This project consists of updating and optimizing the timing plans on eight (8) signalized intersections along the Davis Boulevard corridor and three (3) signalized intersections on Precinct Line Road.						
Project Justification						
The timing plans along Davis Boulevard and Precinct Line Road need to be updated due to the significant changes in traffic patterns along the two corridors. Since the last timing plans were implemented, the reconstruction of Northeast Loop 820 has started. The traffic volume has increased along these corridors and increased delay times for motorists are occurring. The new signal timing plans will decrease motorist delays, air pollution, fuel consumption, and traffic congestion at the intersections along these corridors.						
Funding source is Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$95,000	
Engineering/Design			Total		\$95,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	0	95,000	0	0	\$95,000	
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$0	\$95,000	\$0	\$0	\$95,000	
Operating Impact						
No impact on operating budget						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

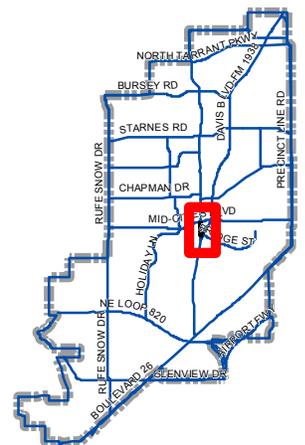


Smithfield Rd (Davis Blvd to Mid-Cities Blvd)



NORTH RICHLAND HILLS

Project Locator Map



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 source for project is G.O. Bonds 2003 Program.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$2,200,000	
Engineering/Design	01/2013	08/2013	Total		<u>\$2,200,000</u>	
Land/ROW Acquisition	05/2013	08/2013				
Construction	09/2013	08/2014				
Other						
Total Schedule	<u>01/2013</u>	<u>08/2014</u>				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	0	710,000	1,490,000	0	\$2,200,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$0</u>	<u>\$710,000</u>	<u>\$1,490,000</u>	<u>\$0</u>	<u>\$2,200,000</u>	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	0	340,000	0	0	\$340,000	
Land/ROW Acquisition	0	170,000	0	0	\$170,000	
Construction	0	200,000	1,490,000	0	\$1,690,000	
Other						
Total Costs	<u>\$0</u>	<u>\$710,000</u>	<u>\$1,490,000</u>	<u>\$0</u>	<u>\$2,200,000</u>	
Operating Impact						
Project will have an impact on bulb maintenance.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

NRH

**Drainage Improvements Long Range Plan
ADOPTED FY 2012/2013**

<u>Project Description</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>	<u>Project Totals</u>
Annual Projects											
Channel Cleaning and Street Drainage Improvements	\$0	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,400,000
Total Annual Projects	\$0	\$0	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$300,000	\$2,400,000
New & Continuing Projects											
Big Fossil Creek Flood Study - BFC 7	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$70,000	\$70,000
Calloway Branch Slope Protection (A)	0	0	0	0	0	0	0	2,163,000	2,163,000	2,163,000	\$6,489,000
Calloway Branch Slope Protection (B)	0	0	0	0	0	0	0	1,345,000	1,345,000	1,345,000	\$4,035,000
Concrete Lined Channel Rehabilitation Project	0	200,000	0	0	0	0	0	0	0	0	\$200,000
Crane Road/Main Street Drainage Improvements	0	0	0	360,000	0	0	0	0	0	0	\$360,000
Crystal Channel Drainage Improvements	0	0	0	0	0	0	0	0	0	90,500	\$90,500
Driffield Circle East Concrete Drainage Flume Improvements	0	0	0	0	475,717	0	0	0	0	0	\$475,717
Emerald Hills Channel Drainage Improvements	0	0	0	0	0	0	0	0	0	567,812	\$567,812
Fox Hollow Concrete Channel Drainage Improvements (A)	0	0	508,775	0	0	0	0	0	0	0	\$508,775
Fox Hollow Concrete Channel Drainage Improvements (B)	0	0	930,000	0	0	0	0	0	0	0	\$930,000
Glenview Drive/Dawn Drive Drainage Improvements	0	0	0	0	0	0	0	0	0	681,250	\$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	0	780,000	0	0	0	0	0	\$780,000
Little Bear Creek (LB-1) Improvements	0	0	0	0	0	0	0	0	0	240,000	\$240,000
Little Bear Creek Silt and Debris Removal	0	0	0	0	0	0	0	0	0	1,165,034	\$1,165,034
Mackey Drive	0	0	0	0	0	0	0	0	3,588,020	0	\$3,588,020
Meadow Park Drive North Flume	0	0	0	0	0	0	0	0	0	95,000	\$95,000
Odell Channel Drainage Improvements	0	0	0	0	50,000	0	0	0	0	0	\$50,000
Richland Oaks Addition Channel Drainage Improvements	0	0	0	0	0	0	0	0	0	415,750	\$415,750
Smithfield Acres Drainage Improvements	0	0	0	0	0	0	0	0	3,012,180	0	\$3,012,180
Stonybrooke Channel Drainage Improvements	0	0	0	1,260,000	0	0	0	0	0	0	\$1,260,000
Turner/Odell Channel Realignment	0	0	0	0	0	831,000	0	0	0	0	\$831,000
Walker Creek Channel Drainage Improvements	0	0	0	0	0	0	1,252,750	0	0	0	\$1,252,750
Windcrest Addition Concrete Channel Drainage Improvements (A)	0	0	0	0	0	746,687	0	0	0	0	\$746,687
Windcrest Addition Concrete Channel Drainage Improvements (B)	0	0	0	0	0	0	750,000	0	0	0	\$750,000
Total Drainage Street Improvements	\$0	\$200,000	\$1,438,775	\$1,620,000	\$1,305,717	\$1,577,687	\$2,002,750	\$3,508,000	\$10,108,200	\$6,833,346	\$28,594,475
Total Drainage Improvements Projects	\$0	\$200,000	\$1,738,775	\$1,920,000	\$1,605,717	\$1,877,687	\$2,302,750	\$3,808,000	\$10,408,200	\$7,133,346	\$30,994,475
Total Project Costs	\$0	\$200,000	\$1,738,775	\$1,920,000	\$1,605,717	\$1,877,687	\$2,302,750	\$3,808,000	\$10,408,200	\$7,133,346	\$30,994,475

NRH

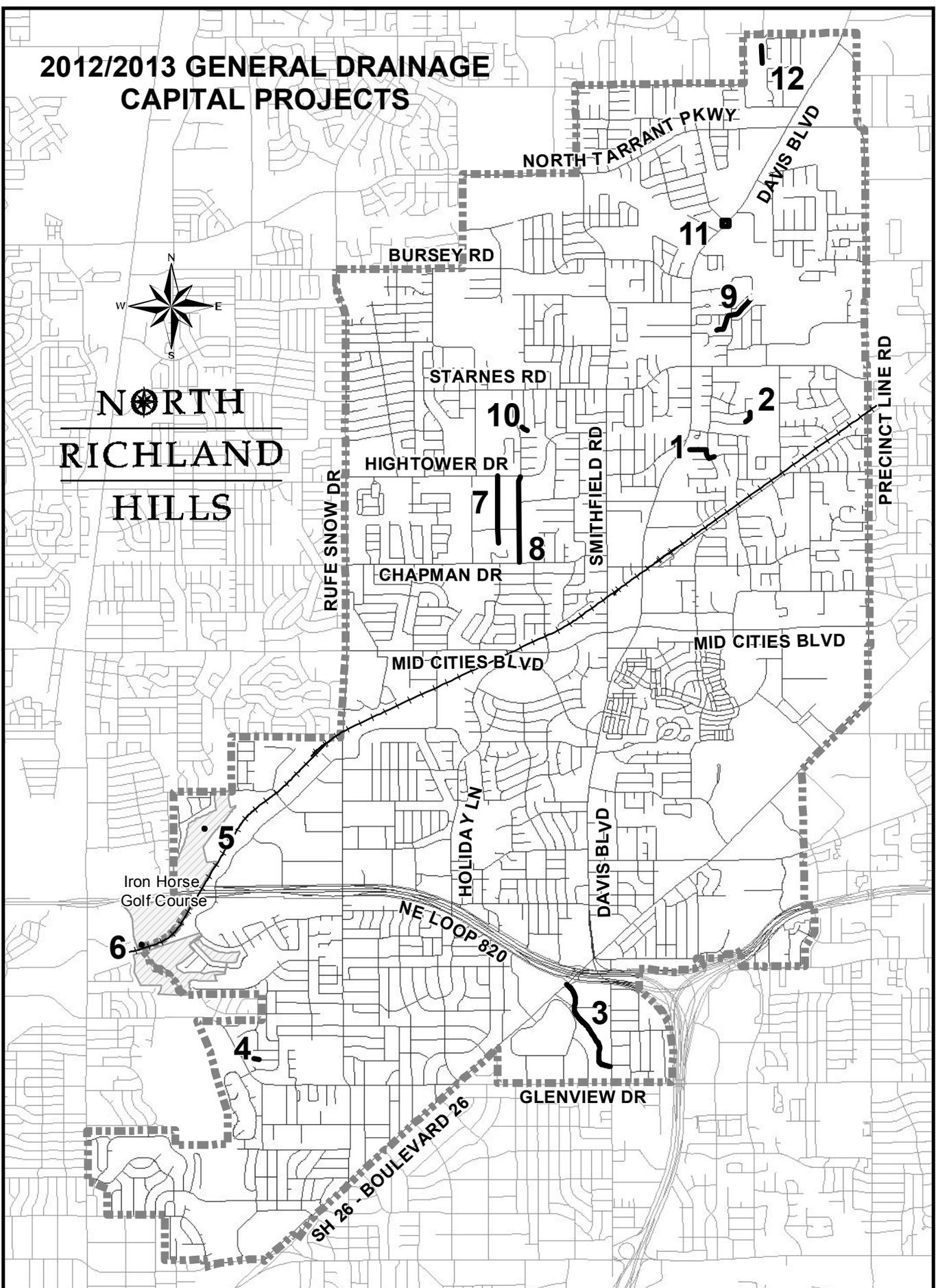
Schedule 2 Drainage Capital Projects Budget Summary

Pg. No.	Map ID		Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>							
Continuing Projects							
80	1	Brookhaven Drive Drainage Improvements	280,000	0	0	0	\$ 280,000
82	2	Brookridge Drive Drainage Improvements	120,000	0	0	0	\$ 120,000
84	3	Channel Cleaning/Street Drainage Improvements	300,000	0	0	0	\$ 300,000
86	4	Heidelberg Court Drainage Improvements	130,000	0	0	0	\$ 130,000
88	5	Iron Horse Golf Course Erosion Control Phase I	85,000	0	0	0	\$ 85,000
90	6	Iron Horse Golf Course Erosion Control Phase II	210,000	0	0	0	\$ 210,000
92	7	Meadow Creek Road Drainage Improvements	225,000	0	0	0	\$ 225,000
94	8	Meadow Road Drainage Improvements	350,000	0	0	0	\$ 350,000
96	9	Meadowview Estates Channel Drainage Improvements	2,500,000	0	0	0	\$ 2,500,000
98	10	Plumwood Drive Drainage Improvements	65,000	0	0	0	\$ 65,000
100	11	Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements)	200,000	0	0	0	\$ 200,000
102	12	Steeple Ridge Drainage Improvements	165,000	0	0	0	\$ 165,000
Total Continuing Projects			\$ 4,630,000	\$ 0	\$ 0	\$ 0	\$ 4,630,000
Total Project Costs			\$ 4,630,000	\$ 0	\$ 0	\$ 0	\$ 4,630,000
<u>Funding Sources</u>							
General Obligation Bonds							
		G.O. Bonds 2003 Program	2,500,000	0	0	0	2,500,000
Total General Obligation Bonds			\$ 2,500,000	\$ 0	\$ 0	\$ 0	\$ 2,500,000
Certificates of Obligation							
		Certificates of Obligation	1,340,000	0	0	0	1,340,000
Total Certificates of Obligation			\$ 1,340,000	\$ 0	\$ 0	\$ 0	\$ 1,340,000
Reserves							
		G.O. Bonds 1985 Program	120,000	0	0	0	120,000
		Project Savings	200,000	0	0	0	200,000
		2003 Bond Program Project Savings	105,000	0	0	0	105,000
		Certificates of Obligation Project Savings	300,000	0	0	0	300,000
		General CIP Project Savings	65,000	0	0	0	65,000
Total Reserves			\$ 790,000	\$ 0	\$ 0	\$ 0	\$ 790,000
Total Sources of Funds			\$ 4,630,000	\$ 0	\$ 0	\$ 0	\$ 4,630,000

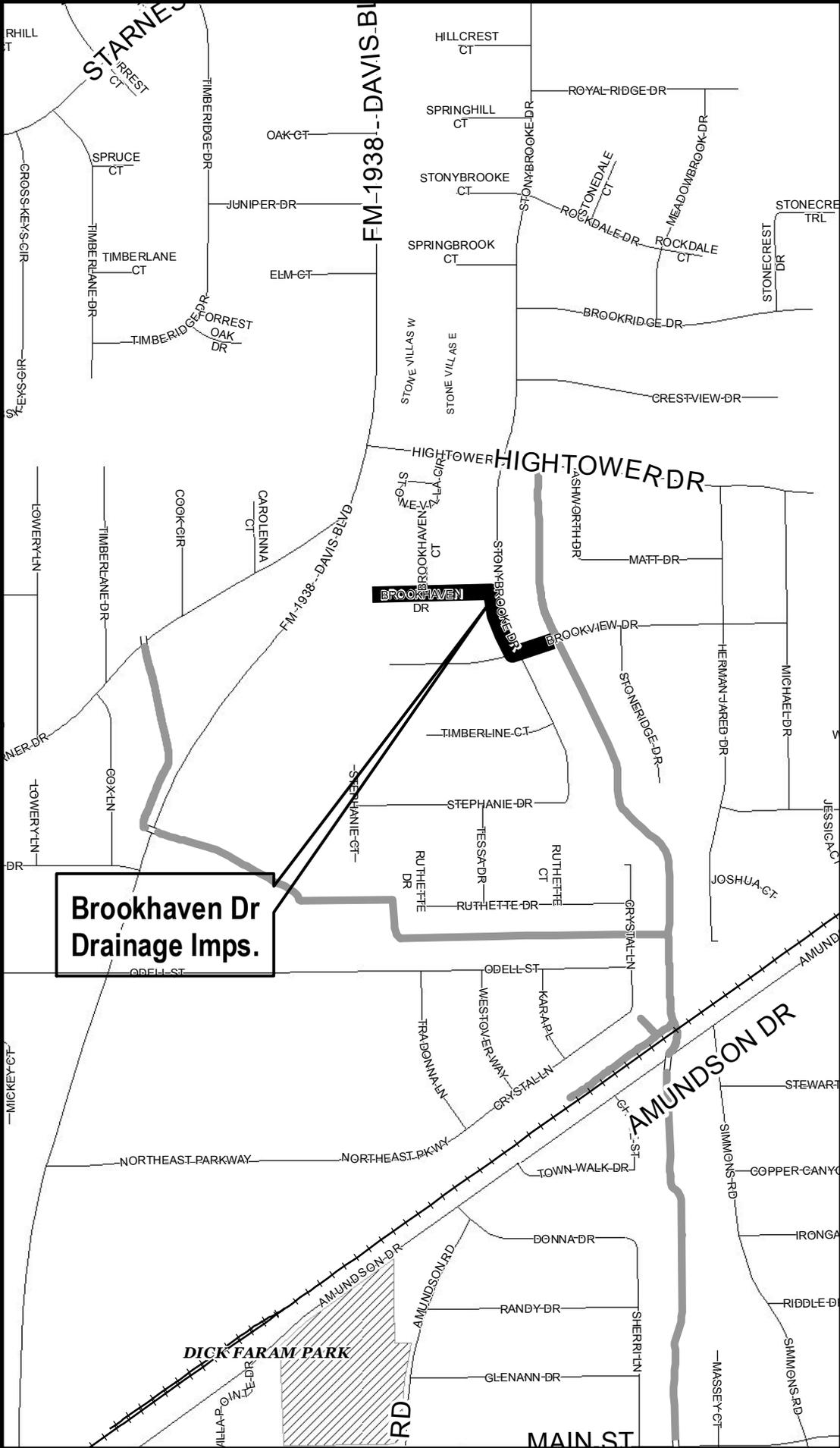
NRH

2012/2013 GENERAL DRAINAGE CAPITAL PROJECTS

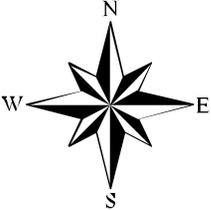
NORTH RICHLAND HILLS



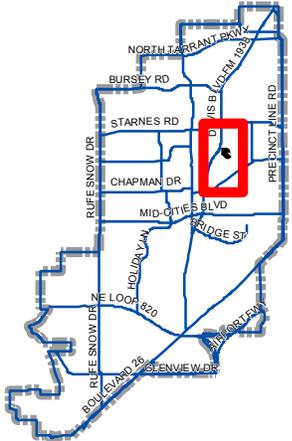
Brookhaven Dr Drainage Improvements



NORTH RICHLAND HILLS



Project Locator Map



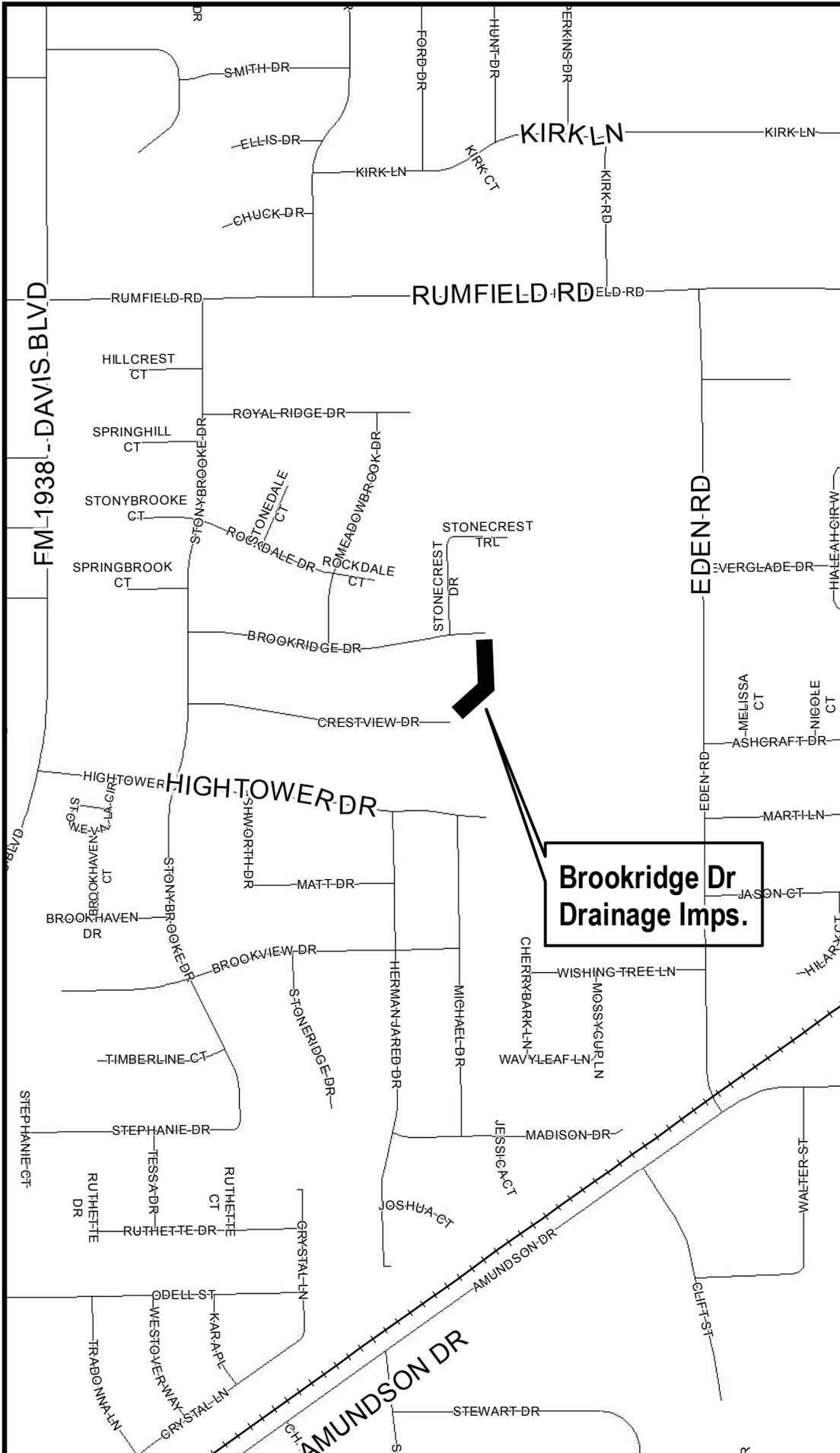
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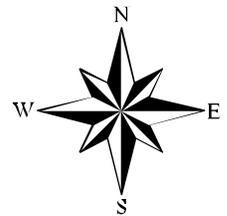
Information Services Department - GIS

Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Brookhaven Drive Drainage Improvements				DR0902	
Project Description						
This project includes the installation of approximately 900 linear feet of storm drain pipe and several inlets from a nearby channel up to and along Brookhaven Drive. The storm drain pipe would range in size from 24 inches to 39" inches in diameter.						
Project Justification						
Runoff from approximately 5 acres of residential and future commercial properties west of Davis Boulevard is discharged onto undeveloped property, where it overwhelms Brookhaven Drive and causes flooding damage to two homes and property damage to other residential property. The Master Drainage Plan indicates that these improvements were needed when the subdivision was constructed in the 1970's. This project would bring Brookhaven Drive up to the City's current drainage requirements.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	<u>\$280,000</u>	
Engineering/Design	04/2010	07/2012	Total		<u>\$280,000</u>	
Land/ROW Acquisition						
Construction	09/2012	07/2013				
Other						
Total Schedule	<u>04/2010</u>	<u>07/2013</u>				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	280,000	0	0	0	\$280,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$280,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$280,000</u>	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	60,000	0	0	0	\$60,000	
Land/ROW Acquisition						
Construction	220,000	0	0	0	\$220,000	
Other						
Total Costs	<u>\$280,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$280,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Brookridge Dr Drainage Improvements

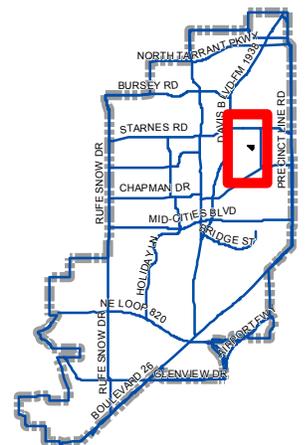


**Brookridge Dr
Drainage Imps.**



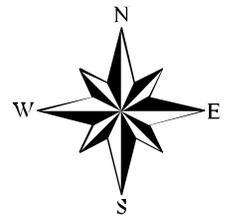
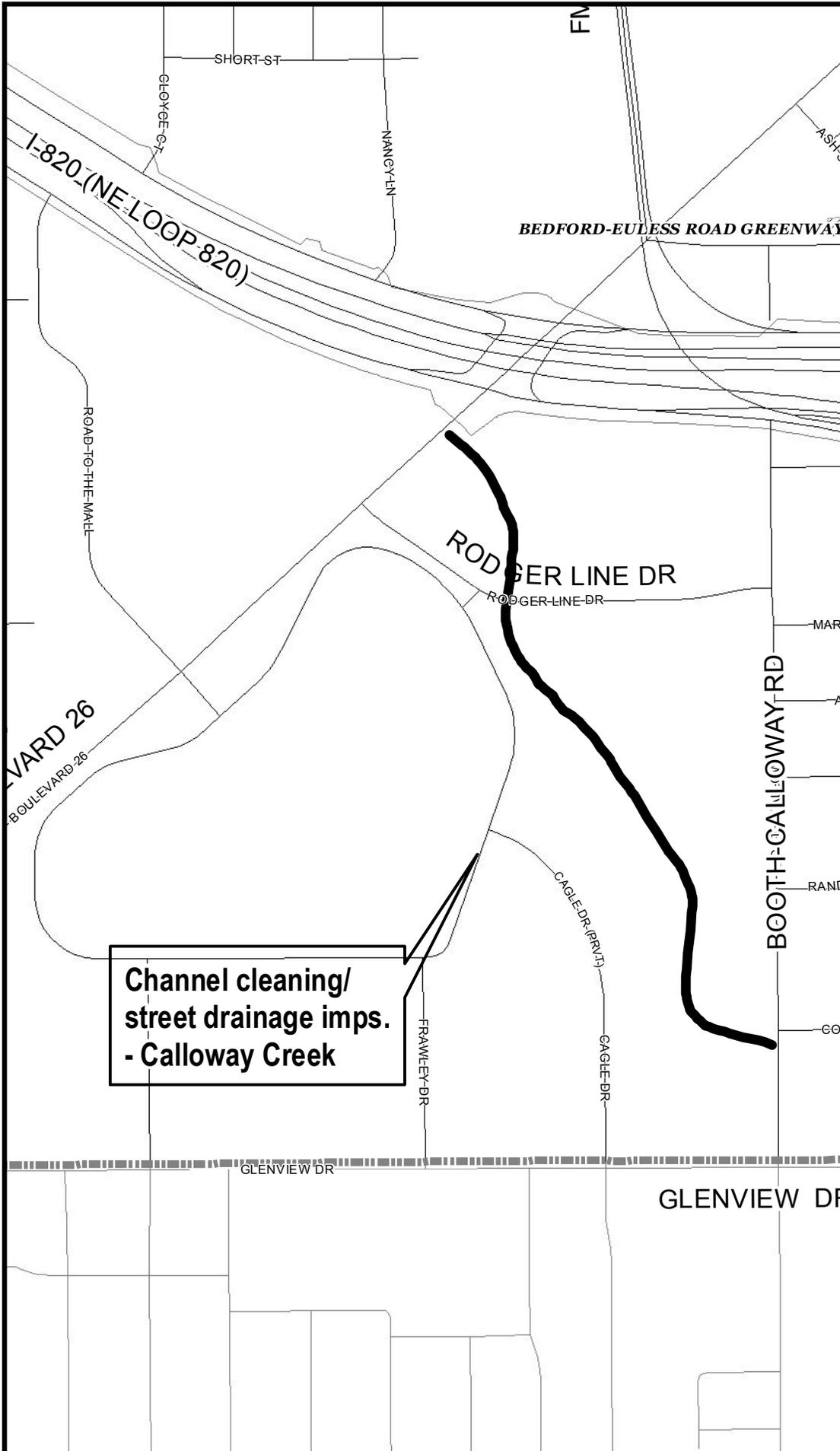
NORTH RICHLAND HILLS

Project Locator Map



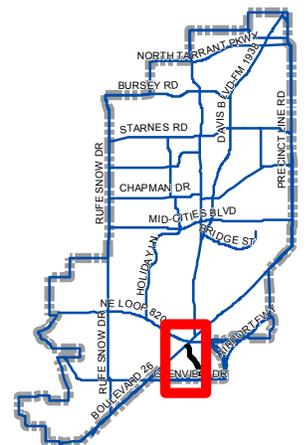
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Brookridge Drive Drainage Improvements				DR0903	
Project Description						
In response to multiple reports of excessive runoff through rear yards on Crestview Drive, this project consists of installing approximately 400 linear feet (LF) of 8' concrete flume to convey runoff from Brookridge Drive to Crestview Drive. In order to maintain the resulting runoff in the public right-of-way, at least one drive approach will be reconstructed to meet current standards.						
Project Justification						
Research and site visits indicate that approximately 3.75 acres of runoff from residential property is concentrated in Brookridge Drive, which outfalls onto private property and subsequently drains through the rear yards of residents on Crestview Drive. These lots are virtually flat and cannot handle the additional runoff.						
The Reserves amount is from General CIP Drainage project savings.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2008-09	\$120,000		
Engineering/Design	04/2009	04/2012	Total	\$120,000		
Land/ROW Acquisition						
Construction	07/2012	12/2012				
Other						
Total Schedule	04/2009	12/2012				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	120,000	0	0	0	\$120,000	
Sales Tax						
Other						
Total Funding	\$120,000	\$0	\$0	\$0	\$120,000	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost		
Professional Services						
Engineering/Design	15,000	0	0	0	\$15,000	
Land/ROW Acquisition						
Construction	105,000	0	0	0	\$105,000	
Other						
Total Costs	\$120,000	\$0	\$0	\$0	\$120,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Channel Cleaning/ Street Drainage Improvements

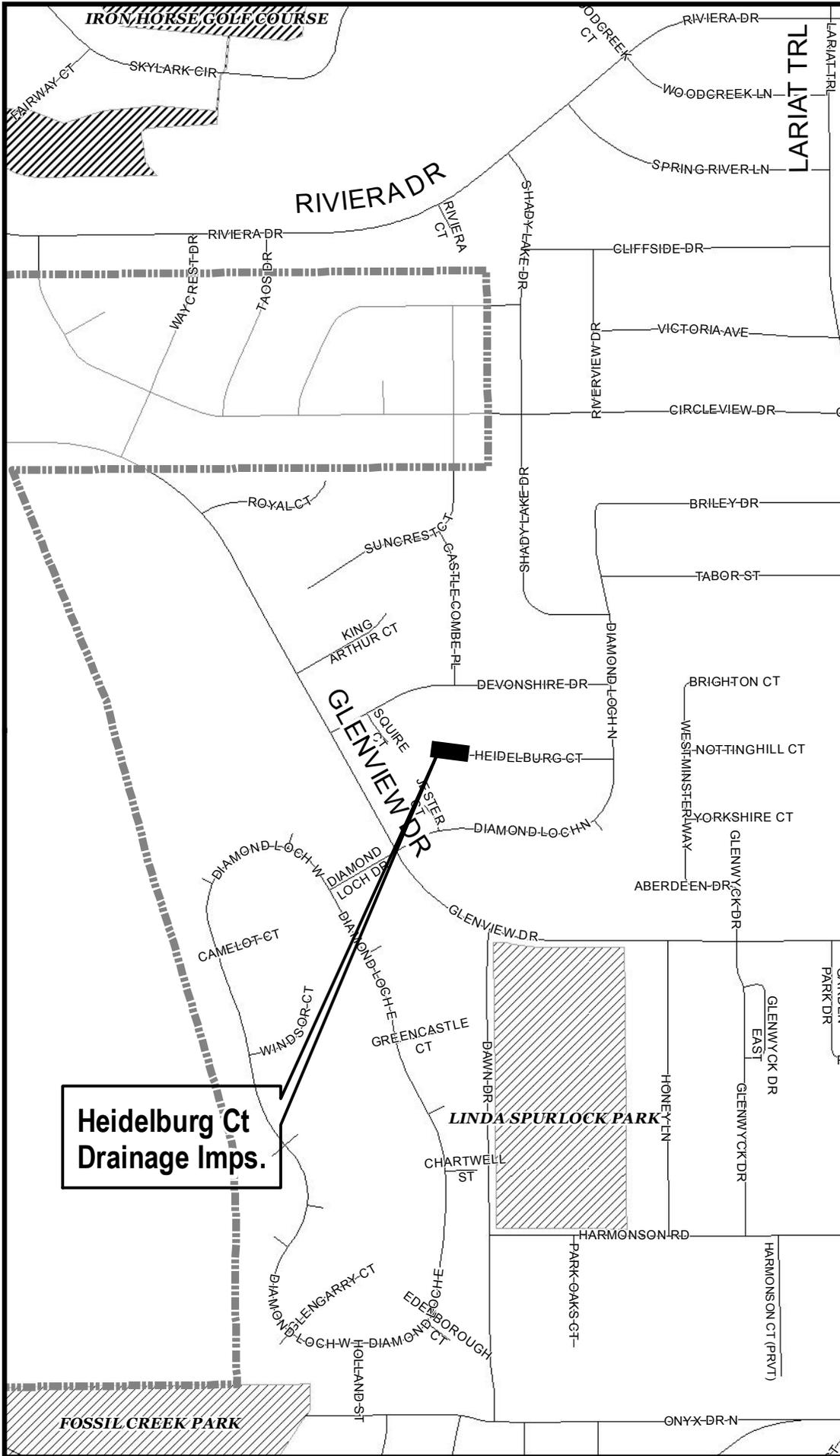


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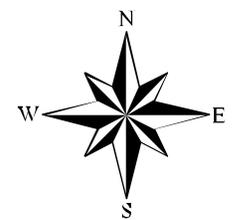
Project Locator Map



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. Funding for a new project was not approved in the FY 2010/2011 budget. 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 souce is CO project savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$300,000	
Engineering/Design			Total		\$300,000	
Land/ROW Acquisition						
Construction	10/2011	10/2012				
Other						
Total Schedule	10/2011	10/2012				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

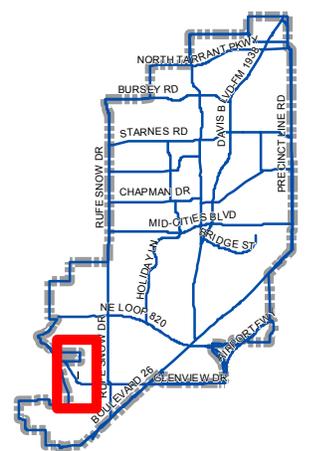


Heidelberg Ct Drainage Improvements



NORTH RICHLAND HILLS

Project Locator Map



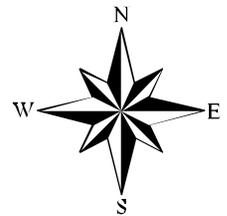
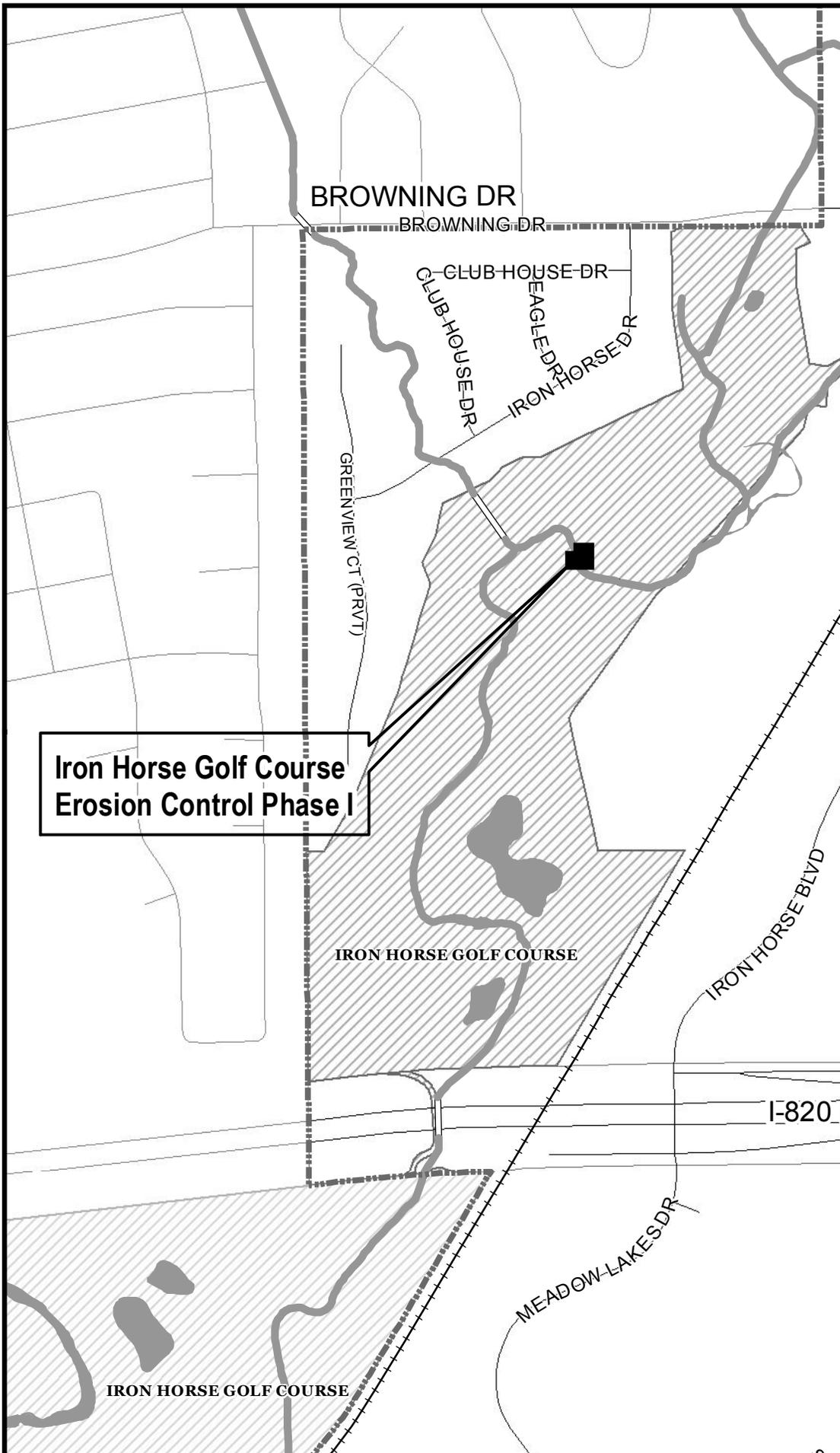
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Information Services Department - GIS

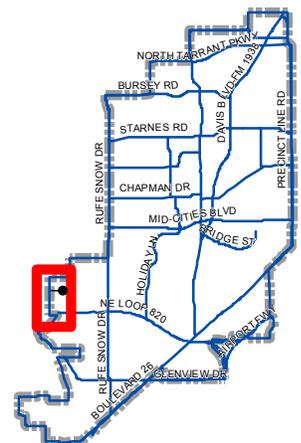
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Heidelberg Court Drainage Improvements				DR1002	
Project Description						
This project consists of converting the existing storm drain inlet in Heidelberg Court to an "open back" inlet and then constructing an overflow concrete drainage flume from the back of this storm drain inlet that would tie into an existing concrete flume system which collects and directs storm water from adjacent properties and into Jester Court. The new overflow flume would be designed to eliminate public storm water from traveling through private property.						
Project Justification						
This portion of the Diamond Loch Addition was originally designed in the 1970's in accordance with the drainage criteria in place at the time. However, the drainage design criteria for the City has changed over the past 30+ years. These changes require more conservative calculations and in turn, higher capacities within the street and storm drain system to handle storm water runoff. The rain events during the Spring and Summer of 2007 highlight the difference between past and present drainage criteria.						
Right-of-way acquisition is being added because an adjacent property owner does not want to provide the necessary easement for the project.						
Reserves funding is 1994 and 2003 Bond Election GO project savings and CO project savings.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$120,000	
Engineering/Design	06/2011	06/2012	Revision	2011-12	\$10,000	
Land/ROW Acquisition	08/2010	04/2012	Total		\$130,000	
Construction	07/2012	12/2012				
Other						
Total Schedule	08/2010	12/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	25,000	0	0	0	\$25,000	
Federal/State Grants						
Reserves	105,000	0	0	0	\$105,000	
Sales Tax						
Other						
Total Funding	\$130,000	\$0	\$0	\$0	\$130,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	24,399	0	0	0	\$24,399	
Land/ROW Acquisition	10,000	0	0	0	\$10,000	
Construction	95,601	0	0	0	\$95,601	
Other						
Total Costs	\$130,000	\$0	\$0	\$0	\$130,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Iron Horse Golf Course Erosion Control Phase I



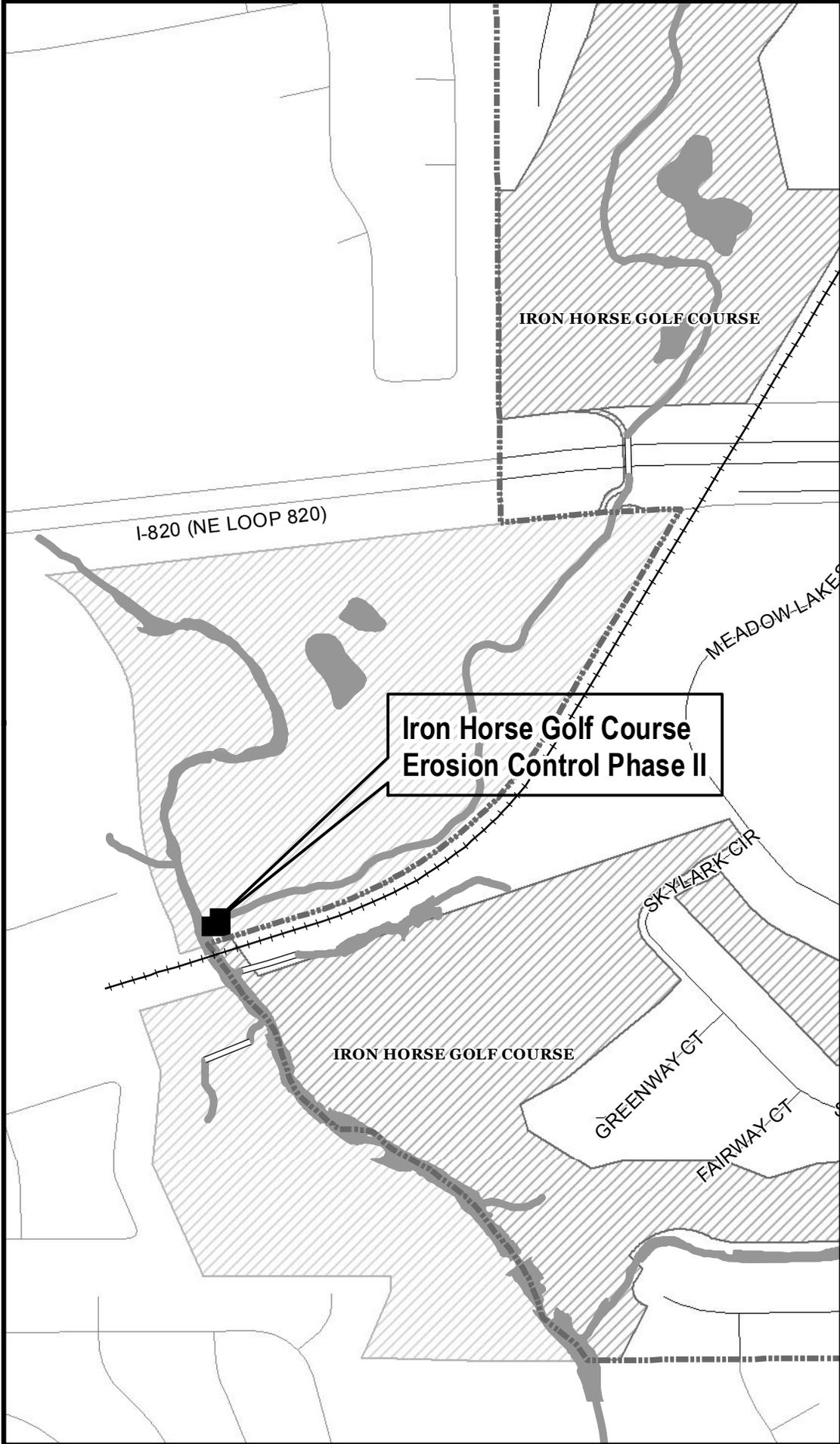
NORTH
RICHLAND
HILLS

Project Locator Map

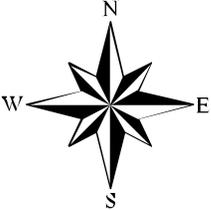


Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Iron Horse Golf Course Erosion Control Phase I				PK1205	
Project Description						
This project consists of correcting erosive actions at bridge 8 near the 15th green as identified in the 2008 update to the Iron Horse Golf Course Erosion Control Master Plan. The project is identified as Reach 16 on the master plan on Singing Hills creek and will provide for the repair of the undermining condition for the cart path upstream of Bridge 8 and some gabion wall protection for banks downstream of Bridge 8.						
Project Justification						
The 2008 update to the 1999 Iron Horse Golf Course Erosion Control Master Plan in addition to field visits and observations by engineers, have placed this project as a very high priority. The project is considered a priority because it involves structural elements that if not addressed will continue to deteriorate to the point of being seriously compromised. Compromising structural elements such as cart paths, bridges, fairways and greens would impact the playability of Iron Horse Golf Course.						
Note: The debt service of the Certificates of Obligation will be paid by Iron Horse Golf Course.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$85,000	
Engineering/Design	10/2011	08/2012	Total		\$85,000	
Land/ROW Acquisition						
Construction	10/2012	05/2013				
Other						
Total Schedule	10/2011	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	85,000	0	0	0	\$85,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$85,000	\$0	\$0	\$0	\$85,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	15,000	0	0	0	\$15,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	70,000	0	0	0	\$70,000	
Other						
Total Costs	\$85,000	\$0	\$0	\$0	\$85,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Iron Horse Golf Course Erosion Control Phase II

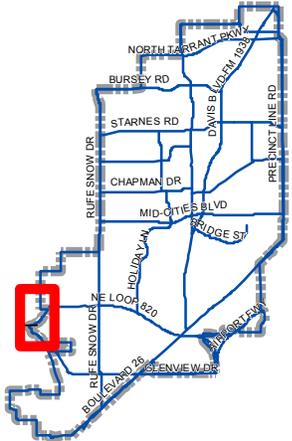


**Iron Horse Golf Course
Erosion Control
Phase II**



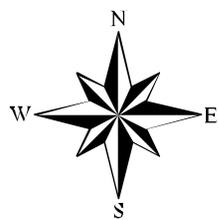
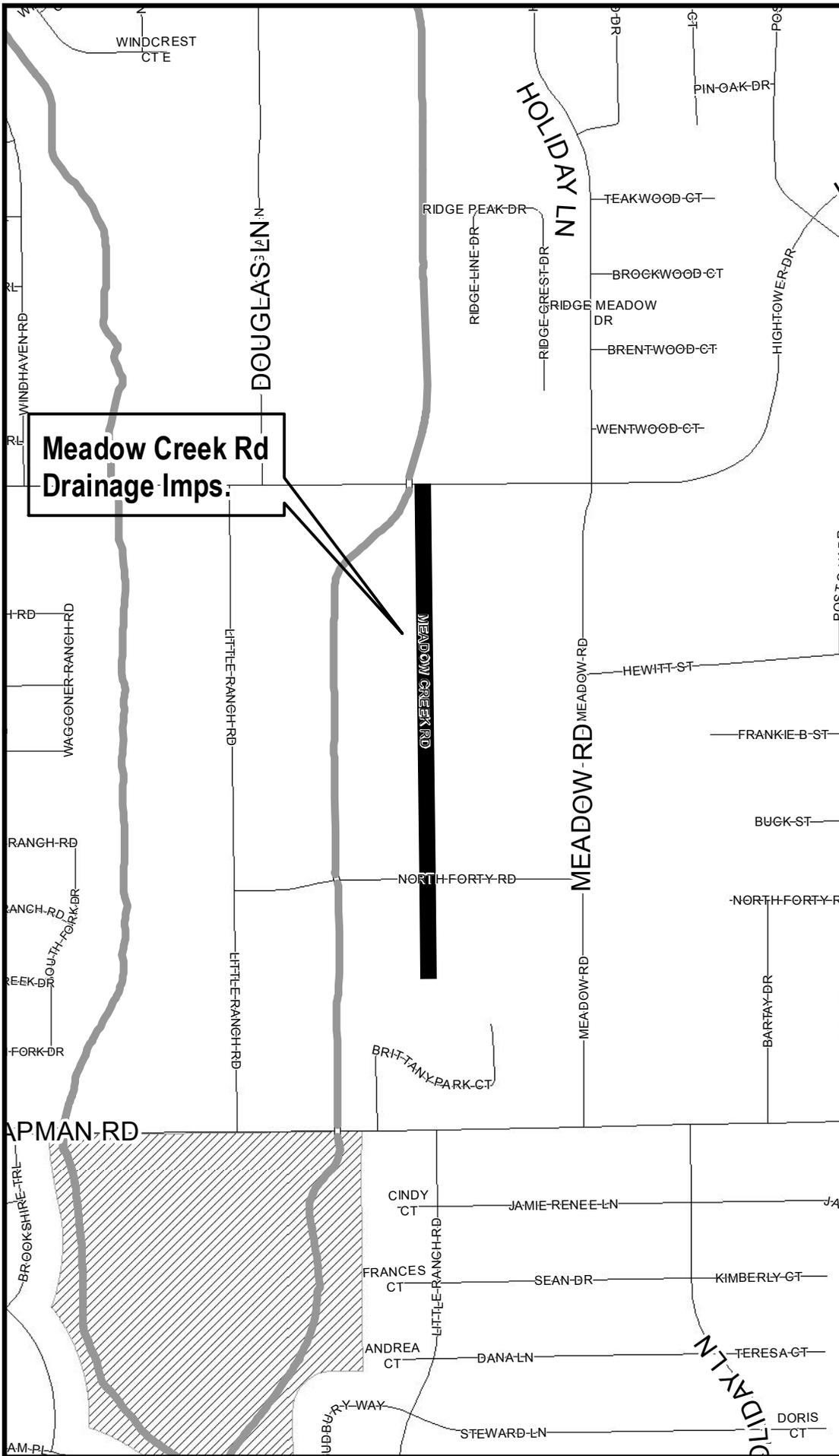
**NORTH
RICHLAND
HILLS**

Project Locator Map



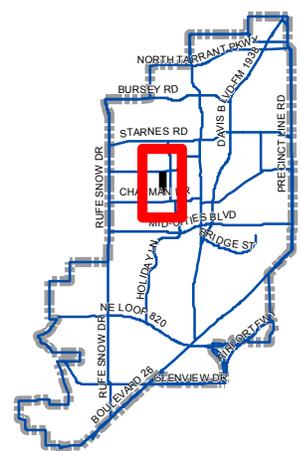
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Iron Horse Golf Course Erosion Control Phase II				PK1206	
Project Description						
This project consists of correcting erosive actions along Singing Hills Creek near Bridge 2 as identified in the 2008 update to the 1999 Iron Horse Golf Course Erosion Control Master Plan. The project is identified as Reach 7 on the master plan near the hole 9 green and will provide for the protection of existing erosion control structures upstream of Bridge 2 and stabilization along the cart path at Bridge 2.						
Project Justification						
The 2008 update to the 1999 Iron Horse Golf Course Erosion Control Master Plan placed the project as a priority and field visits and observations by engineers, have placed this project as a very high priority. The project is considered a priority because it involves structural elements that if not addressed will continue to deteriorate to the point of being seriously compromised. Compromising structural elements such as cart paths, bridges, fairways and greens would impact the playability of Iron Horse Golf Course.						
Note: The debt service of the Certificates of Obligation will be paid by Iron Horse Golf Course.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2011	08/2012	Adopted Budget	2011-12	\$210,000	
Engineering/Design			Total		\$210,000	
Land/ROW Acquisition						
Construction	10/2012	05/2013				
Other						
Total Schedule	10/2011	05/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	210,000	0	0	0	\$210,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$210,000	\$0	\$0	\$0	\$210,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	38,000	0	0	0	\$38,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	172,000	0	0	0	\$172,000	
Other						
Total Costs	\$210,000	\$0	\$0	\$0	\$210,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Meadow Creek Rd Drainage Improvements



NORTH
RICHLAND
HILLS

Project Locator Map



Scale: 1" = 600'

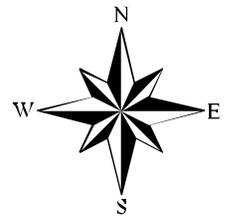
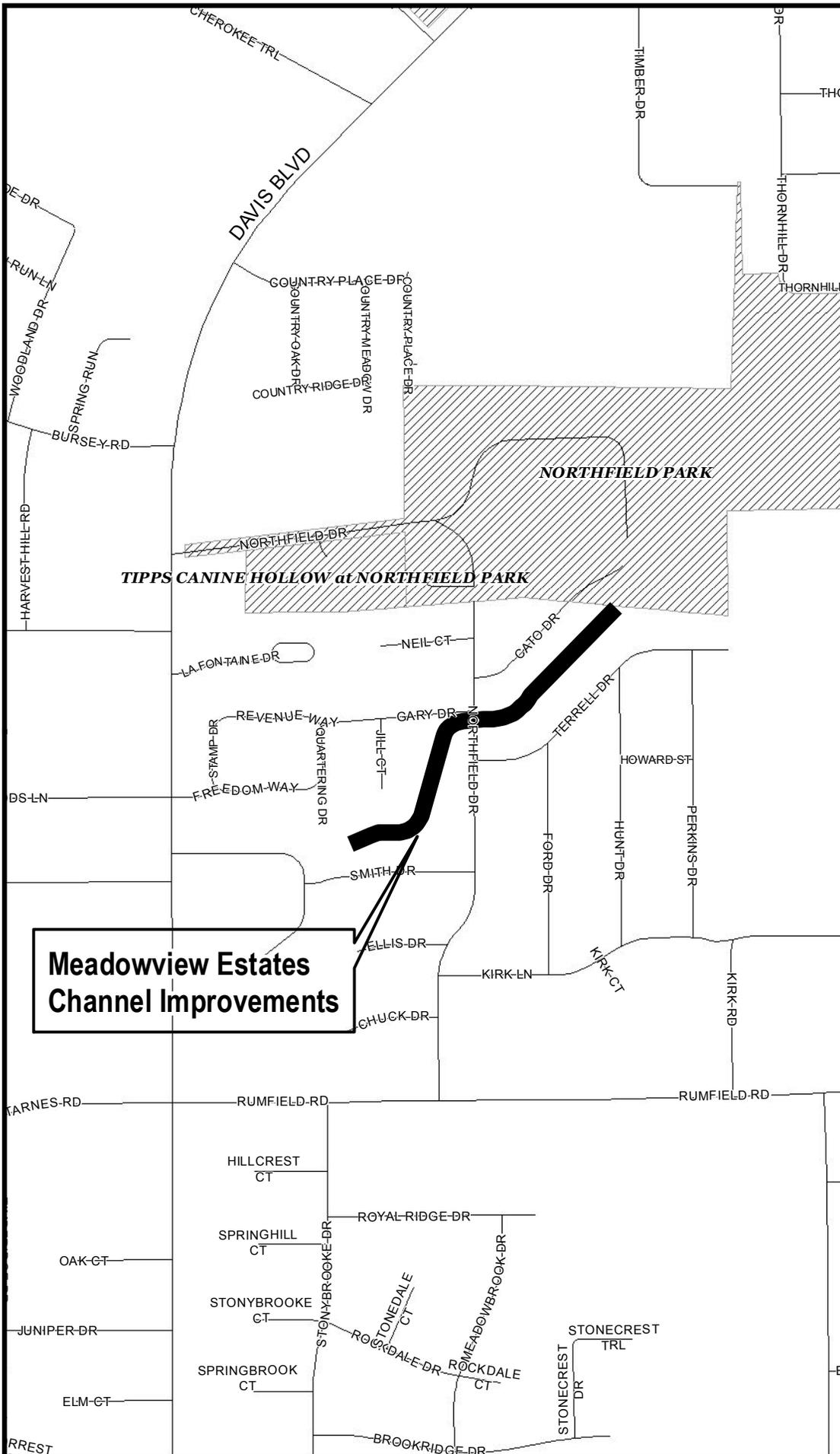
25 MAY 12 Standard Maps\ICIP D_MeadowCreekRd Drainage Imps.mxd

Information Services Department - GIS

Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Meadow Creek Road Drainage Improvements				DR1102	
Project Description						
This project will consist of drainage and pavement improvements to Meadow Creek Road. New barrow ditches and culverts will be replaced to improve the drainage along the street. Several sections of pavement will be removed and replaced to help storm water runoff.						
Project Justification						
Staff has received several complaints about the drainage system on Meadow Creek Road. The drainage system has been in place since 1961 and throughout the years siltation has occurred in the culverts and barrow ditches. Several properties along this street receive storm water runoff on their properties because the culverts and barrow ditches are inadequate. Some of the property owners believe that their homes could be flooded if the barrow ditches are not re-graded and the culverts replaced. This project would allow staff to re-grade the barrow ditches and to replace the inadequate culverts along the street. This will help improve the drainage along the street.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2010-11	\$225,000		
Engineering/Design	04/2011	01/2013	Total	\$225,000		
Land/ROW Acquisition						
Construction	02/2013	06/2013				
Other						
Total Schedule	04/2011	06/2013				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	225,000	0	0	0	\$225,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$225,000	\$0	\$0	\$0	\$225,000	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost		
Professional Services						
Engineering/Design	25,000	0	0	0	\$25,000	
Land/ROW Acquisition						
Construction	200,000	0	0	0	\$200,000	
Other						
Total Costs	\$225,000	\$0	\$0	\$0	\$225,000	
Operating Impact						
No impact is anticipated.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

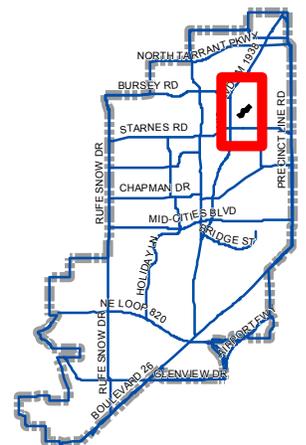
Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Meadow Road Drainage Improvements				DR1103	
Project Description						
This project will consist of drainage and pavement improvements to Meadow Road. New barrow ditches and culverts will be replaced to improve the drainage along the street.						
Project Justification						
Staff has received several complaints about the Meadow Road drainage system. The drainage system has been in place since 1961 and throughout the years, siltation has occurred in the culverts and barrow ditches. Several properties along this street receive storm water runoff on their properties because the culverts and barrow ditches are inadequate and one home has flooded several times during heavy rain events. Some of the property owners believe that their homes could also be flooded if the barrow ditches are not re-graded and the culverts replaced. This project would allow staff to re-grade the barrow ditches and replace the inadequate culverts along the street. This will help improve the drainage along the street.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$350,000	
Engineering/Design	04/2011	01/2013	Total		\$350,000	
Land/ROW Acquisition						
Construction	02/2013	06/2013				
Other						
Total Schedule	04/2011	06/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	350,000	0	0	0	\$350,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$350,000	\$0	\$0	\$0	\$350,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	50,000	0	0	0	\$50,000	
Land/ROW Acquisition						
Construction	300,000	0	0	0	\$300,000	
Other						
Total Costs	\$350,000	\$0	\$0	\$0	\$350,000	
Operating Impact						
No impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Meadowview Estates Channel Improvements



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 600'

25 MAY 12 Standard Maps\CIP D_Meadowview Estates Channel Imps.mxd

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	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2009-10	\$2,500,000
Engineering/Design	09/2010	10/2012	Total		\$2,500,000
Land/ROW Acquisition					
Construction	10/2012	10/2013			
Other					
Total Schedule	09/2010	10/2013			

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds	2,500,000	0	0	0	\$2,500,000
Certificates of Obligation					
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	\$2,500,000	\$0	\$0	\$0	\$2,500,000

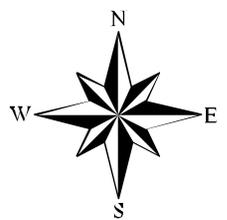
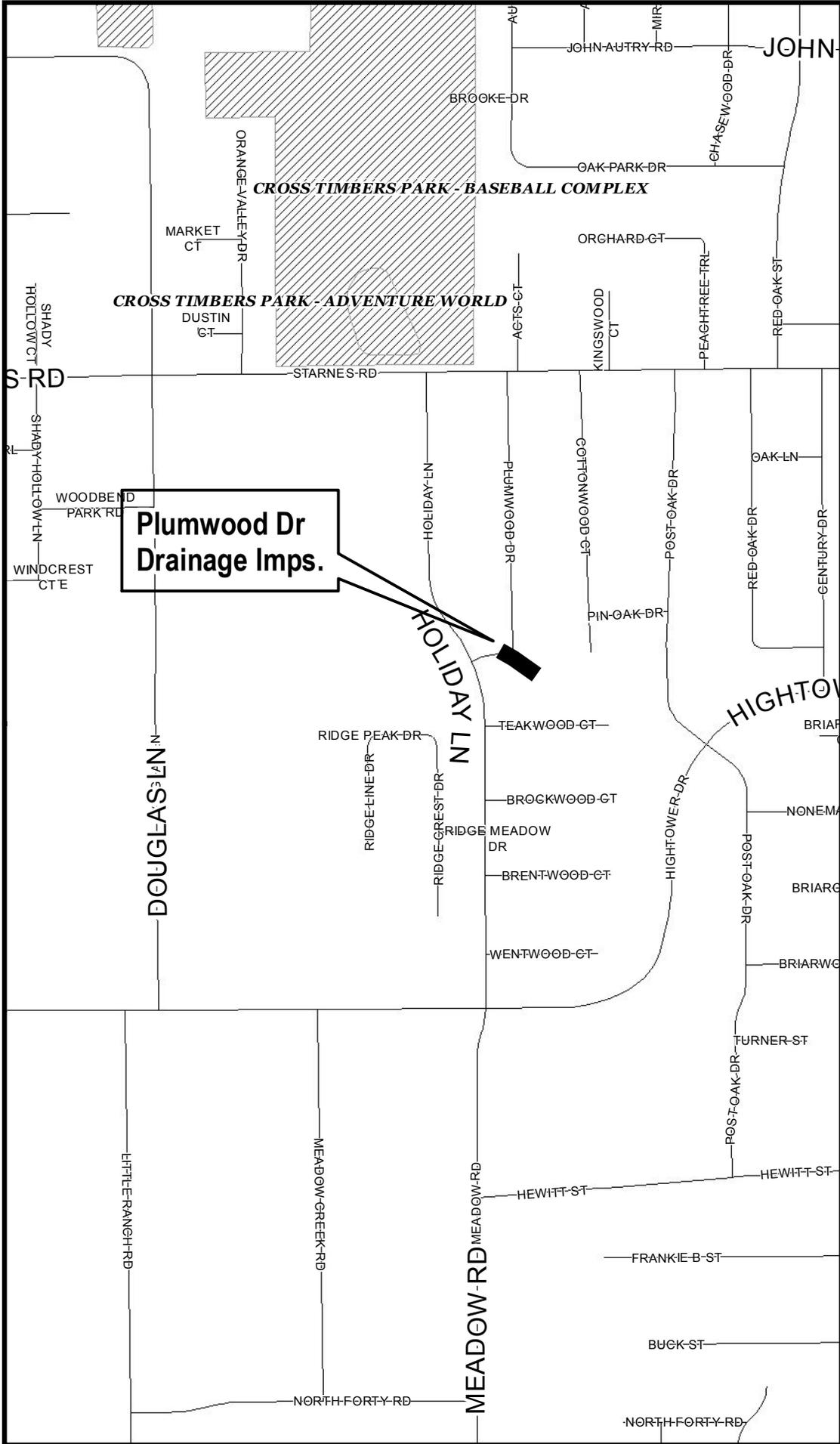
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost
Professional Services					
Engineering/Design	415,000	0	0	0	\$415,000
Land/ROW Acquisition					
Construction	2,085,000	0	0	0	\$2,085,000
Other					
Total Costs	\$2,500,000	\$0	\$0	\$0	\$2,500,000

Operating Impact

No anticipated operating impact.

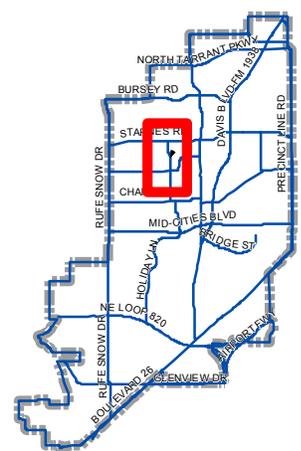
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Plumwood Dr Drainage Improvements



NORTH RICHLAND HILLS

Project Locator Map



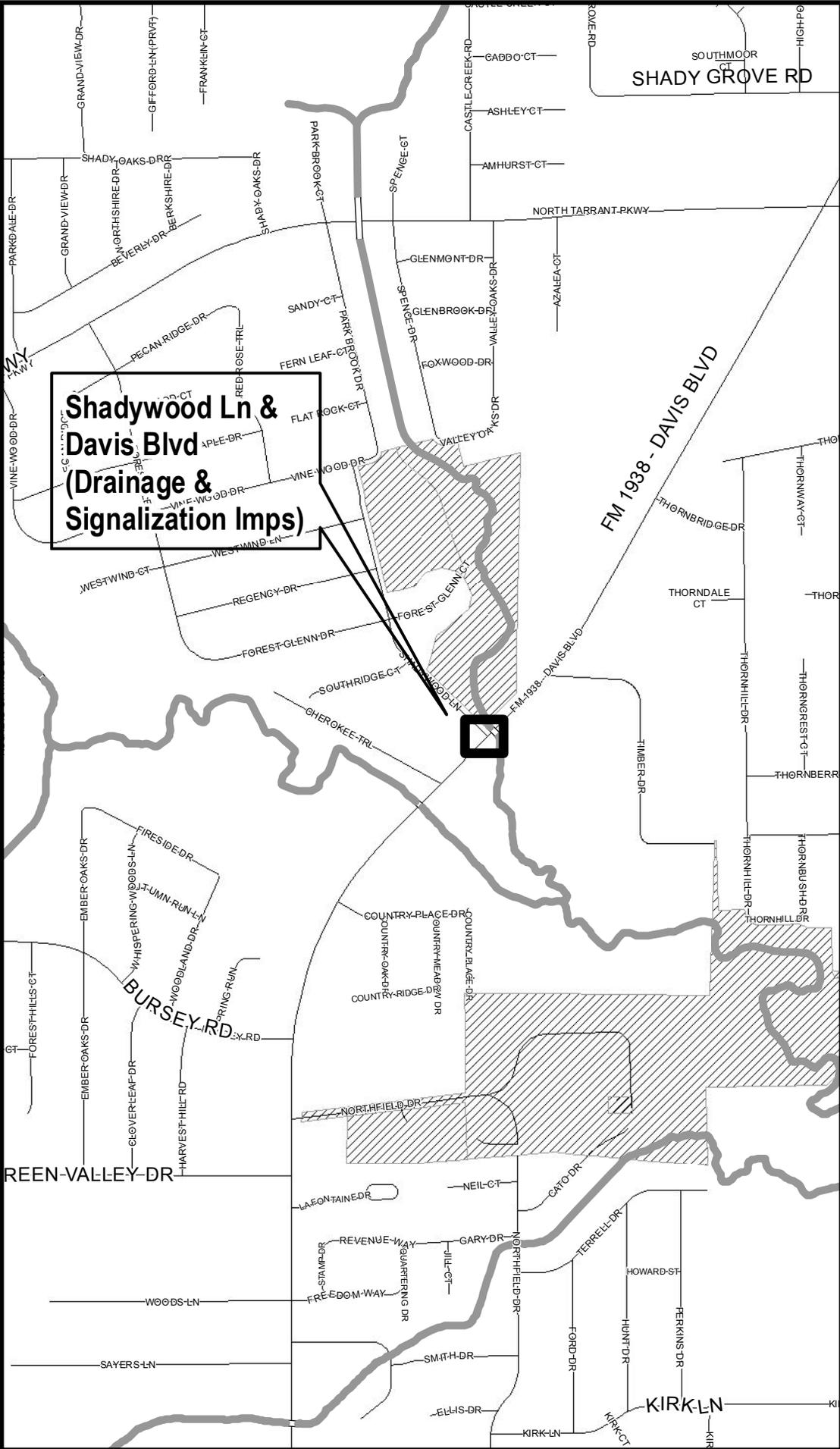
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20 JUN 12 Standard Maps\CIP D_PlumwoodDr Drainage Imps.mxd

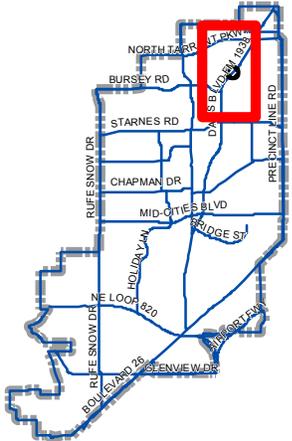
Information Services Department - GIS

Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Plumwood Drive Drainage Improvements				DR1005	
Project Description						
This project consists of constructing a storm drain curb inlet and extending a reinforced concrete drainage pipe from this new inlet to tie into the existing Holiday Lane drainage system to prevent runoff from public right-of-way (Plumwood Drive) from entering private property.						
Project Justification						
Storm water runoff in this area of Briarwood Estates drains south on Plumwood Drive. The street grade is fairly steep slope; this steep gradient allows for the storm water runoff to travel at a significant velocity. During intense rain events, because of the storm water's velocity, the runoff overtops the curb and enters private property, specifically, the property at 7212 Plumwood Drive.						
Funding source is Reserves from General CIP CO Project Savings.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2009-10	\$65,000	
Engineering/Design	03/2010	07/2010	Total		\$65,000	
Land/ROW Acquisition						
Construction	09/2012	12/2012				
Other						
Total Schedule	03/2010	12/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	65,000	0	0	0	\$65,000	
Sales Tax						
Other						
Total Funding	\$65,000	\$0	\$0	\$0	\$65,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	13,000	0	0	0	\$13,000	\$9,921
Land/ROW Acquisition						
Construction	52,000	0	0	0	\$52,000	\$2,241
Other						
Total Costs	\$65,000	\$0	\$0	\$0	\$65,000	\$12,162
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements)



Project Locator Map



Scale: 1" = 800'

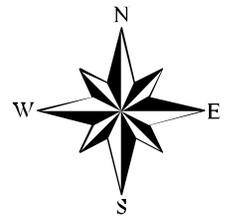
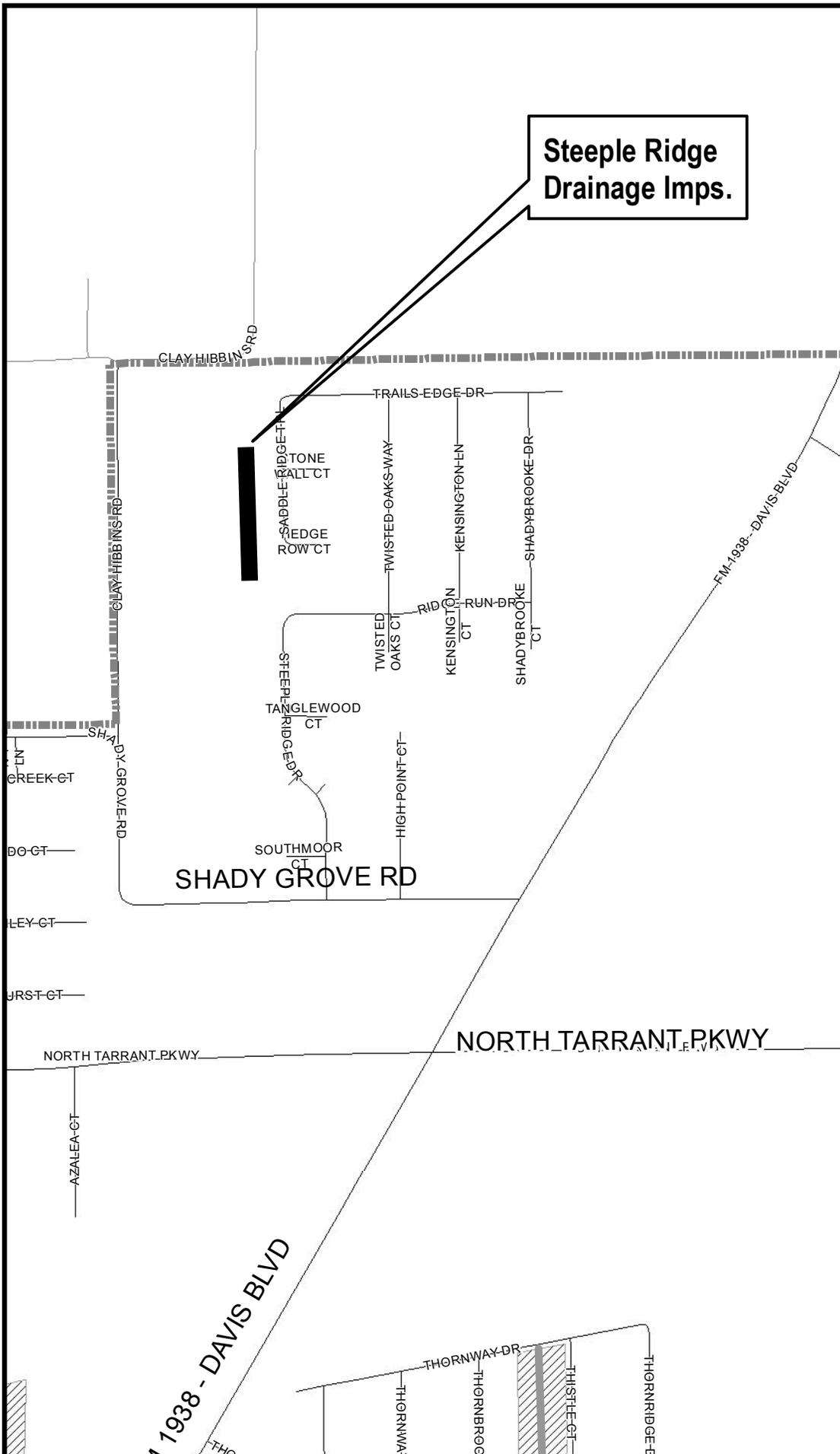
15 JUN 12 Standard Maps\CIP D_Shadywood at Davis-Drainage and Signalization Imps.mxd

Information Services Department - GIS

Drainage Capital Projects						
Department	Project Title					Project Number
Public Works	Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements)					DR1202
Project Description						
This project consists of the City constructing drainage and signal light improvements to accommodate the future crossing of the Little Bear Creek Trail at Davis Boulevard and Shadywood. The drainage improvements consist of the extension of five 7'X4' Box Culverts and the construction of a new concrete headwall. The signal light improvements will consist of the relocation of the traffic control cabinet and equipment to accommodate the construction of the eastbound section of Shadywood which will allow the Little Bear Creek Trail to cross Davis Boulevard at a signalized intersection. The signal light improvements will also include the installation of the signal light and pedestrian crossings at Shadywood and Davis Boulevard for the trail crossing. This project will allow the users of the trail to cross at a signalized intersection. This project will be constructed by the Developer for the Thornbridge West Subdivision. The City will pay the Developer in full for the construction of this project after the project has been accepted by the City.						
Project Justification						
The current location for the Little Bear Creek Trail crossing at Davis Boulevard is located approximately 100' (feet) north of the existing Shadywood. The existing conditions make it impossible for the trail to cross at Shadywood. This project will install the necessary signal light and drainage improvements to allow the trail crossing to be moved to the south and line up with Shadywood on the west side of Davis Boulevard. This will allow users of the trail to cross at a signalized intersection.						
Funding sources are composed of combined projects savings using: GO Projects 2010 CO \$16,558, GO Projects 2008 General Obligations \$83,442, CO Projects 2010 CO \$81,892, and CO Projects 2001 \$63,700.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Revision	2011-12	\$200,000	
Engineering/Design			Total		\$200,000	
Land/ROW Acquisition						
Construction	09/2012	12/2012				
Other						
Total Schedule	09/2012	12/2012				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	200,000	0	0	0	\$200,000	
Other						
Total Costs	\$200,000	\$0	\$0	\$0	\$200,000	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$300	\$300	\$300	\$300	\$0	\$1,200
Total Operating Impact	\$300	\$300	\$300	\$300	\$0	\$1,200

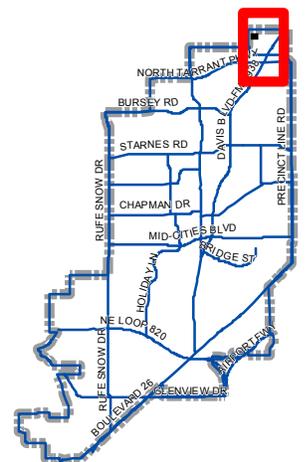
Steeple Ridge Drainage Improvements

Steeple Ridge
Drainage Imps.



NORTH RICHLAND HILLS

Project Locator Map



Drainage Capital Projects						
Department	Project Title				Project Number	
Public Works	Steeple Ridge Drainage Improvements				DR0913	
Project Description						
This project consists of installing a 5 foot wide concrete flume along the rear of five lots in the Steeple Ridge subdivision. The flume will direct runoff from the large undeveloped tracts along Clay Hibbins Road to two existing flumes, conveying the storm water runoff to the existing Steeple Ridge system in compliance with the original Steeple Ridge drainage plan.						
Project Justification						
When the Steeple Ridge subdivision was constructed in 1993, the developer installed two concrete flumes which were intended to convey flow from the undeveloped property to the west of the subdivision. Unfortunately, the undeveloped tract is not graded to direct storm water runoff to these flumes, and two homes on the west side of Saddle Ridge Trail experienced significant flooding during the heavy rains in 2007. A flume is needed along the west property line of Steeple Ridge to intercept the runoff and direct it to the existing flumes. The design is complete, construction is pending the development of adjacent property upstream.						
The Certificates of Obligation will be repaid with Drainage Utility Funds.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2008-09	\$165,000		
Engineering/Design	02/2009	05/2012	Total	\$165,000		
Land/ROW Acquisition						
Construction	09/2012	01/2013				
Other						
Total Schedule	02/2009	01/2013				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation	165,000	0	0	0	\$165,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$165,000	\$0	\$0	\$0	\$165,000	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc	
Professional Services						
Engineering/Design	35,000	0	0	0	\$35,000	\$9,102
Land/ROW Acquisition						
Construction	130,000	0	0	0	\$130,000	\$0
Other						
Total Costs	\$165,000	\$0	\$0	\$0	\$165,000	\$9,102
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**Utility Improvements Long Range Plan
ADOPTED FY 2012/2013**

<u>Project Description</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>Project Totals</u>
Annual Projects											
Misc. Water/Sewer Main Replacement	\$410,000	\$400,000	\$400,000	\$400,000	\$450,000	\$450,000	\$450,000	\$500,000	\$500,000	\$500,000	\$4,850,000
Small Water Main Replacements	410,000	400,000	400,000	400,000	450,000	450,000	450,000	500,000	500,000	500,000	\$4,840,000
Telemetric Water Meter Annual Maintenance	350,000	350,000	350,000	350,000	350,000	375,000	375,000	375,000	375,000	375,000	\$3,975,000
Total Annual Projects	\$1,170,000	\$1,150,000	\$1,150,000	\$1,150,000	\$1,250,000	\$1,275,000	\$1,275,000	\$1,375,000	\$1,375,000	\$1,375,000	\$13,665,000
New & Continuing Sewer Projects											
6" Sewer Line on Brookshire Drive (Chapman Road - Romford Way)	\$0	\$0	\$0	\$75,000	\$0	\$0	\$0	\$0	\$0	\$0	\$75,000
6" Sewer Line on Chapman Road (7104 Chapman Road - Brookshire Trail)	0	0	0	85,000	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
6" Sewer Line on Edinburg Drive (Brookshire Trl - Wakefield Road)	0	0	0	0	0	0	78,000	0	0	0	\$78,000
6" Sewer Line on Eldorado Drive (Bedford Eules - Jerri Jo Drive)	0	0	0	0	0	0	358,627	0	0	0	\$358,627
6" Sewer Line on Eldorado Drive (4900 Eldorado Dr. - 5020 Eldorado Dr.)	0	0	0	0	0	409,860	0	0	0	0	\$409,860
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
6" Sewer Line on Greenwood Way (Lola Drive - Nor'east Dr.)	0	0	0	0	0	0	0	0	0	0	\$0
6" Sewer Line on Lazy Lane (Grove Street - Ash Street)	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	0	136,620	0	0	\$136,620
6" Sewer Line on Nanacy Lane (Jannetta Dr. - Clenis Ln.)	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	0	96,772	0	0	\$96,772
6" Sewer Line on Nancy Lane (Janetta Drive - 4921 Nancy Lane)	0	0	0	0	0	0	0	261,855	0	0	\$261,855
6" Sewer Line on Nevada Trail (Bedford Eules - Jerri Jo Drive)	0	0	0	0	0	377,982	0	0	377,982	0	\$1,133,946
6" Sewer Line on Palomar Drive (Susan Lee Lane - Roberta Drive)	0	0	0	0	0	0	0	136,620	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
6" Sewer Line on Roberta Drive (Lola Drive - Nor'east Dr.)	0	307,395	0	0	0	0	0	0	0	0	\$307,395
6" Sewer Line on Scott Drive (7501 Lola Drive - Susan Lee Lane)	0	0	0	0	0	0	0	155,000	0	0	\$155,000
6" Sewer Line on Susan Lee Lane (Lola Drive - Nor'east Dr.)	0	0	0	207,207	0	0	0	0	0	0	\$207,207
6" Sewer Line on Topper Drive (Lola Drive - Nor'east Dr.)	0	0	0	0	0	0	0	250,470	0	0	\$250,470
6" Sewer Line on Wyoming Trail (Bedford Eules Rd - 5025 Wyoming Trl)	0	0	0	0	347,242	0	0	0	0	0	\$347,242
8" Sewer Line on Southampton Road (Chapman Road - 7001 Southampton Road)	0	0	0	0	0	0	113,000	0	0	0	\$113,000
8" Sewer Line on Susan Lee Lane (Lola Dr. - Janetta Dr.)	0	0	0	0	0	0	0	232,254	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
10" Sewer Line on Wendell Drive (3736 Wendell Drive - Fossil Creek Park)	0	0	0	0	0	0	0	0	0	0	\$0
12" and 15" Sewer Line Replacement along Maplewood and Susan Lee*	0	654,200	0	0	0	0	0	0	0	0	\$654,200
12" and 15 Inch Interceptor Replacement in the Calloway Basin	0	0	0	0	0	0	0	0	1,779,120	0	\$3,558,240
12" Sewer Line on Emerald Hills Drive in Norwich Park (Emerald Hills Way - Irish Spring Dr.)	0	0	0	449,707	0	0	0	0	0	0	\$449,707
18" Interceptor Replacement along Holiday Lane	0	0	0	0	0	0	0	0	833,690	0	\$1,667,380
24" Interceptor Replacement in the Big Fossil Creek Basin	0	0	0	0	0	0	0	0	617,710	0	\$1,235,420
27" Interceptor Replacement along Walker Branch Creek	0	0	0	0	0	0	0	1,308,460	0	0	\$1,308,460
30" Interceptor Replacement along Holiday Lane	0	0	0	0	0	0	0	0	799,010	0	\$1,598,020
Line 1 - 21" WW Relief Line along Loop 820	0	0	107,675	0	0	0	0	0	0	0	\$107,675
Line 10 - 24" WW Line along Richland Plaza Drive	0	605,270	0	0	0	0	0	0	0	0	\$605,270
Line 11 - 12" WW Line along Charles Street	0	0	0	670,784	0	0	0	0	0	0	\$670,784
Line 12 - 15: WW Line East along Whitfield Ct.	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	565,958	0	0	0	0	0	0	0	\$565,958
Line 15 - 12" WW Line East of Cummings	0	0	406,896	0	0	0	0	0	0	0	\$406,896
Line 16 - 12"/15" WW Line along Thornbird Road	0	0	0	464,218	0	0	0	0	0	0	\$464,218
Line 17 - 15" WW Line along Jennings Drive	0	0	0	500,976	0	0	0	0	0	0	\$500,976
Line 18 - 12" WW Line along Diamond Loch West	0	0	0	300,392	0	0	0	0	0	0	\$300,392
Line 3 - 30" WW Relief Line along Iron Horse Boulevard	0	0	0	0	748,944	0	0	0	0	0	\$748,944
Line 4 - 18" WW Line along Little Ranch Road	0	0	0	0	1,813,224	0	0	0	0	0	\$1,813,224
Line 5 - 27" WW Line going north from Boulevard 26	0	0	0	0	0	1,431,360	0	0	0	0	\$1,431,360
Line 7 - 27" WW Line going south from Boulevard 26	0	0	0	0	0	302,400	0	0	0	0	\$302,400
Line 8 - Parallel 18" WW Line along Simmons Rd.	0	0	0	0	0	1,181,783	0	0	0	0	\$1,181,783
Line 9 - 12" WW Line along Rumfield and Redwood	0	0	0	0	0	0	1,450,848	0	0	0	\$1,450,848
Manhole Rehabilitation Project	0	0	0	0	0	0	0	0	0	0	\$0

**Utility Improvements Long Range Plan
ADOPTED FY 2012/2013**

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New & Continuing Sewer Projects											
Miscellaneous Unexpected Sewer Line Breaks	0	0	0	750,000	0	0	1,000,000	0	0	0	\$1,750,000
Sanitary Sewer Assessment Cleanout and Lateral Line Repairs	0	200,000	0	0	0	0	0	0	0	0	\$200,000
Sanitary Sewer System Assessment (North of Northeast Loop 820 to Starnes Rd)	0	200,000	0	0	0	0	0	0	0	0	\$200,000
Sanitary Sewer System Inflow and Infiltration Elimination	65,000	0	0	0	0	0	0	0	0	0	\$65,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase II)	1,500,000	0	0	0	0	0	0	0	0	0	\$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase III)	0	1,500,000	0	0	0	0	0	0	0	0	\$1,500,000
Sanitary Sewer System Rehabilitation of Main Lines (Phase IV)	0	0	0	1,500,000	0	0	0	0	0	0	\$1,500,000
Sewer Line Rehabilitation and Capacity Improvements	0	0	0	0	0	1,000,000	1,000,000	1,000,000	0	0	\$3,000,000
Total New & Continuing Sewer Improvements	\$1,565,000	\$3,466,865	\$2,965,008	\$5,003,284	\$2,909,410	\$4,703,385	\$4,000,475	\$3,578,051	\$4,407,512	\$0	\$32,598,990

New & Continuing Water Projects

Water Storage Tank Improvements	\$0	\$120,402	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$120,402
6" Water Line on Abbot Avenue (Mid Cities Blvd. - Johnson Court)	0	\$89,000	0	0	0	0	0	0	0	0	\$89,000
6" Water Line on Bob Drive (Harwood Road - Colorado Boulevard)	0	88,000	0	0	0	0	0	0	0	0	\$88,000
6" Water Line on Bogata Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	0	85,000	0	0	0	0	\$85,000
6" Water Line on Bogata Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	76,000	0	0	0	0	\$76,000
6" Water Line on Brookshire Trail (Chapman Road - Romford Way)	0	0	0	0	0	0	72,000	0	0	0	\$72,000
6" Water Line on Carol Court (Reynolds Road - Corona Drive)	0	0	57,000	0	0	0	0	0	0	0	\$57,000
6" Water Line on Cato Drive (Northfield Drive - 8624 Cato Drive)	0	0	61,000	0	0	0	0	0	0	0	\$61,000
6" Water Line on Chelmsford Place (Sandhurst Lane E - Little Ranch Road)	0	0	0	0	0	0	63,000	0	0	0	\$63,000
6" Water Line on Circle Drive (Susan Lee Lane - Cul-de-sac)	0	54,000	0	0	0	0	0	0	0	0	\$54,000
6" Water Line on Circle View Drive (Lariat Trail - Shady Lake Drive)	0	0	111,000	0	0	0	0	0	0	0	\$111,000
6" Water Line on Cliffside Drive (Lariat Trail - Shady Lake Drive)	0	0	109,000	0	0	0	0	0	0	0	\$109,000
6" Water Line on Collard Court (Main Street - Cul-de-Sac)	0	0	0	0	54,000	0	0	0	0	0	\$54,000
6" Water Line on Commercial Drive (Maplewood Avenue - 5141 Davis Boulevard)	0	0	0	0	0	112,000	0	0	0	0	\$112,000
6" Water Line on Copper Canyon ((Simmons Road - Cul-de-Sac)	0	0	0	0	0	0	58,000	0	0	0	\$58,000
6" Water Line on Cummings Drive (Maplewood Avenue - Janetta Drive)	0	0	77,000	0	0	0	0	0	0	0	\$77,000
6" Water Line on Daleview Drive (Windhaven Road - Greenridge Trail)	0	0	0	0	0	0	0	91,000	0	0	\$91,000
6" Water Line on Davis Boulevard (Woods Lane - Bursley Road)	0	0	0	0	0	0	0	135,000	0	0	\$135,000
6" Water Line on Deaver Drive (Susan Lee Lane - College Circle)	0	0	0	0	102,000	0	0	0	0	0	\$102,000
6" Water Line on Denton Highway	0	0	0	0	0	0	0	0	537,625	0	\$1,075,250
6" Water Line on Deville Drive (Victoria Avenue - Cummings Drive)	0	0	0	0	215,000	0	0	0	0	0	\$215,000
6" Water Line on Fair Meadows Drive (Crosstimbers Lane - Meadoview Ter.)	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Fair Meadows Drive (Rufe Snow Drive - Crosstimbers Lane)	0	0	0	115,000	0	0	0	0	0	0	\$115,000
6" Water Line on Forrest Lane (Starnes Road - Timberhill Dead End)	0	0	0	0	0	0	65,000	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
6" Water Line on Greendale Court (Rufe Snow Drive - Cul-de-sac)	0	0	0	0	65,000	0	0	0	0	0	\$65,000
6" Water Line on Green Meadow Drive (Holiday Lane - Lola Drive)	0	0	0	0	0	0	0	76,000	0	0	\$76,000
6" Water Line on Greenridge Trail (Hightpwer - Windhaven Road)	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	0	93,000	0	\$186,000
6" Water Line on Guadalajara Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	0	76,000	0	\$152,000
6" Water Line on Harwood Road (Davis Boulevard - North Ridge Boulevard)	0	0	0	0	0	0	80,000	0	0	0	\$80,000
6" Water Line on Havana Drive (Trinidad Drive - Buenos Aires Drive)	0	0	0	0	0	0	0	0	93,000	0	\$186,000
6" Water Line on Havana Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	0	76,000	0	\$152,000
6" Water Line on Irongate Drive (Simmons Road - Cul-de-sac)	0	0	0	0	66,500	0	0	0	0	0	\$66,500
6" Water Line on Jennings Drive (Jerrie Joe Drive - Boulevard 26)	0	0	0	0	0	0	0	114,000	0	0	\$114,000
6" Water Line on Jerrie Joe Drive (Strummer Drive - Dead End)	0	70,000	0	0	0	0	0	0	0	0	\$70,000
6" Water Line on Jerrie Joe Drive (Wyoming Trl - Strummer Drive)	0	90,000	0	0	0	0	0	0	0	0	\$90,000
6" Water Line on Lake Side Circle (Meadow Lakes Drive)	0	0	0	0	195,000	0	0	0	0	0	\$195,000
6" Water Line on Lancashire Drive (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	0	0	0	0	85,000	0	\$170,000
6" Water Line on Lariat Trail (Meadow Lakes Drive - Riviera Drive)	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Larue Court (Rufe Snow Drive - Corona Drive)	0	57,000	0	0	0	0	0	0	0	0	\$57,000
6" Water Line on Meadowbrooks Drive (Royal Ridge Drive - Brookridge Drive)	0	0	0	0	0	0	0	0	91,000	0	\$182,000
6" Water Line on Main Street (Amundson Drive - Sherri Lane)	0	0	0	88,000	0	0	0	0	0	0	\$88,000
6" Water Line on Marilyn Lane (Holiday Lane - Loop 820)	0	0	0	0	0	0	0	81,000	0	0	\$81,000
6" Water Line on Mary Drive (Davis Boulevard - Stone Drive)	0	0	0	0	0	0	0	92,000	0	0	\$92,000

**Utility Improvements Long Range Plan
ADOPTED FY 2012/2013**

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New & Continuing Water Projects											
6" Water Line on Oak Ridge Drive (Starnes Road - John Autry Road)	0	0	0	0	118,000	0	0	0	0	0	\$118,000
6" Water Line on Oldham Place (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	0	0	0	0	110,500	0	\$221,000
6" Water Line on Onyx Drive North	0	0	0	0	0	303,600	0	0	0	0	\$303,600
6" Water Line on Parkway Avenue (Red Oak Street - Oak Ridge Drive)	0	0	0	77,000	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	0	93,000	0	\$186,000
6" Water Line on Puerto Vallarta Drive (Trinidad Drive - Sierra Drive)	0	0	0	0	0	0	0	0	76,000	0	\$152,000
6" Water Line on Redondo Street (Shauna Drive - Briley Dr.)	0	0	0	0	0	0	0	0	0	0	\$0
6" Water Line on Ridgeway Avenue (Parkway Avenue - John Autry Road)	0	102,000	0	0	0	0	0	0	0	0	\$102,000
6" Water Line on Sandhurst Lane (Little Ranch Road - Little Ranch Road)	0	0	0	0	226,000	0	0	0	0	0	\$226,000
6" Water Line on Shchiller Drive (Gentling Place - Abby Road)	0	0	0	0	0	0	0	0	50,000	0	\$100,000
6" Water Line on Shadydale Drive (Meadowview Ter. - Crostimbers Lane)	0	0	0	0	0	0	0	71,000	0	0	\$71,000
6" Water Line on Smithfield Road (Brandi Place - Odell Drive)	0	444,330	0	0	0	0	0	0	0	0	\$444,330
6" Water Line on Southampton Road (Chapman Road - Wakefield Road)	0	0	0	0	158,000	0	0	0	0	0	\$158,000
6" Water Line on Spring Lee Way (Starnes Road - Lincoln Drive)	0	0	0	0	0	0	57,000	0	57,000	0	\$171,000
6" Water Line on Stillmeadows Circle (Stillmeadows Circle N - Stillmeadows Circle S)	0	90,000	0	0	0	0	0	0	0	0	\$90,000
6" Water Line on Stone Drive (Mary Drive - Jean Ann Drive)	0	0	0	0	0	0	70,000	0	0	0	\$70,000
6" Water Line on St. Patrick Street (Newman Drive - Cork Lane)	0	0	0	0	0	0	0	0	64,000	0	\$128,000
6" Water Line on Susan Court (Scott Drive - 7533 Susan Court)	0	0	0	0	0	0	0	59,000	0	0	\$59,000
6" Water Line on Timberhill Drive (Starnes Road - Forrest Lane)	0	0	0	0	0	116,000	0	0	0	0	\$116,000
6" Water Line on Timberidge Drive (Starnes Road - Timberlane Drive)	0	140,000	0	0	0	0	0	0	0	0	\$140,000
6" Water Line on Tunbridge Drive (Sandhurst Lane E - Sandhurst Lane S)	0	0	0	0	81,000	0	0	0	0	0	\$81,000
6" Water Line on Wendell Drive (Webster St - Wndell Court S.)	0	79,900	0	0	0	0	0	0	0	0	\$79,900
6" Water Line on Winchester Road (Buckingham Trail - Yarmouth Avenue)	0	0	0	0	0	0	0	0	96,000	0	\$192,000
6" Water Line on Windhaven Road (Hightower Drive - Starnes Road)	0	0	0	0	0	252,000	0	0	0	0	\$252,000
8" Water Line on Cloyce Court (Maplewood - Loop 820)	0	0	0	0	0	0	120,000	0	0	0	\$120,000
8" Water Line on Commercial Drive (Maplewood - 5109 Commercial Dr)	0	187,000	0	0	0	0	0	0	0	0	\$187,000
8" Water Line on Meadowview Terrace (Starnes Road - Springdale Lane)	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
8" Water Line on Riviera Drive (Hillside Drive - Dead End)	0	0	0	0	0	95,634	0	0	0	0	\$95,634
12" Water Line on Davis Boulevard (Harwood Road - Emerald Hills Way)	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	313,540	0	0	0	0	0	0	0	0	\$313,540
12" Water Line on Susan Lee Lane (Circle Drive - North Richland Boulevard)	0	0	0	370,012	0	0	0	0	0	0	\$370,012
12" Water Line on Susan Lee Lane (Lola Drive - Circle Drive)	0	0	0	0	0	0	0	478,170	0	0	\$478,170
16" Water Line along Rumfield Road (Boca Raton Dr. - Spring Oak Drive)	0	242,880	0	0	0	0	0	0	0	0	\$242,880
16" Water Line along Spring Oaks Drive	0	175,000	0	0	0	0	0	0	0	0	\$175,000
16" Water Line on Amundson Road (Amundson - Cardinal Lane)	0	0	0	0	0	620,136	0	0	0	0	\$620,136
16" Water Line on Amundson Road (Donna Drive - Simmons Road)	0	0	0	0	0	0	0	260,000	0	0	\$260,000
16" Water Line on Cardinal Lane (Davis Boulevard - Sunnybrook Drive)	0	0	0	440,000	0	0	0	0	0	0	\$440,000
16" Water Line on Commercial Drive (Maplewood - 5141 Davis Boulevard)	0	0	187,000	0	0	0	0	0	0	0	\$187,000
16" Water Line on Davis Boulevard (7400 Starnes Road - 8100 Davis Boulevard)	0	0	0	0	769,120	0	0	0	0	0	\$769,120
16" Water Line on Davis Boulevard (8200-8850 Davis Boulevard)	0	0	0	0	0	722,568	0	0	0	0	\$722,568
16" Water Line on Davis Boulevard (Smithfield - Cardinal Lane)	0	0	0	0	0	620,136	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
18" Water Line along Stanley-Keller Road (Haltom Road - Denton Hwy)	0	0	0	0	0	0	0	0	568,440	0	\$1,136,880
24" Water Line on Amundson Road (Meandering Drive - Amundson EST.)	0	0	0	0	0	0	0	328,900	0	0	\$328,900
24" Water Line from 7405 Hightower Drive to Holiday Lane	0	0	0	0	0	0	0	0	300,000	0	\$600,000
24" Water Line at 8609 Hightower Drive (Eden Road to Amundson Drive)	0	0	0	0	0	0	501,250	0	0	0	\$501,250
24" Water Line on Hightower Drive (Smithfield Road - Davis Blvd.)	0	0	0	0	0	0	0	0	575,000	0	\$1,150,000
College Hills Ground Storage Tank Rehabilitation	0	0	0	0	0	0	0	0	0	700,000	\$1,275,000
Conn Ground Potable Water Storage Tank Rehabilitation and Facility Upgrades	0	0	0	0	1,365,500	0	0	0	0	0	\$1,365,500
Dude Court & Jennings Drive Galvanized Water Main Replacement [CDBG13]	224,016	0	0	0	0	0	0	0	0	0	\$224,016
Fort Worth Water Supply Improvements	0	0	0	0	0	0	0	0	2,545,540	0	\$5,091,080
Johnson Ground Water Storage Tank Replacement	0	0	0	0	0	0	2,809,000	0	0	0	\$2,809,000
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	0	664,272	0	\$1,328,544
Line 10 - Add 5 MG GST at Watauga PS	0	5,174,400	0	0	0	0	0	0	0	0	\$5,174,400

**Utility Improvements Long Range Plan
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<i>New & Continuing Water Projects</i>											
Line 11 - 8" WL from Davis Boulevard	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
Line 13 - Install 3 pressure reducing stations (HWY 377)	0	0	0	0	0	0	0	0	0	0	\$0
Line 14 - Offsite water supply improvements	0	0	0	3,360,000	0	0	0	0	0	0	\$3,360,000
Line 15 - 16" WL along North Tarrant Parkway	0	0	0	318,470	0	0	0	0	0	0	\$318,470
Line 16 - 16" WL along Smithfield Road	0	0	0	0	255,680	0	0	0	0	0	\$255,680
Line 17 - 16" WL Hightower South along Meadow Road	0	0	0	0	1,025,993	0	0	0	0	0	\$1,025,993
Line 18 - 12" WL along Eagle Crest Dr.	0	0	0	0	206,379	0	0	0	0	0	\$206,379
Line 19 - 16" WL from existing 16" WL along Janetta Drive	0	0	0	0	1,150,330	0	0	0	0	0	\$1,150,330
Line 20 - 12" WL from Corona Dr.	0	0	0	0	0	474,468	0	0	0	0	\$474,468
Line 21 - WL along Glenview Drive	0	0	0	0	0	737,251	0	0	0	0	\$737,251
Line 22 Expand Pumping Capacity at Watauga PS	0	0	0	0	0	0	2,016,000	0	0	0	\$2,016,000
Line 23 - Miscellaneous Water Line Rehabilitation	0	0	0	0	0	0	2,688,000	0	0	0	\$2,688,000
Line 24 - 16" WL from Davis Boulevard	0	0	0	0	0	0	0	640,147	0	0	\$640,147
Line 25 - Replace Existing 8" WL along Boulevard 26	0	0	0	0	0	0	0	490,896	0	0	\$490,896
Line 26 - Replace 12" WL along Precinct Line	0	0	0	0	0	0	0	1,662,091	0	0	\$1,662,091
Line 27 - New 12" WL from Precinct Line	0	0	0	0	0	0	0	739,267	0	0	\$739,267
Line 28 - Miscellaneous Water Line Rehabilitation	0	0	0	0	0	0	0	0	2,016,000	0	\$2,016,000
Miscellaneous Water Main Replacements	0	337,778	337,778	337,778	337,778	337,778	337,778	337,778	337,778	0	\$2,702,224
Miscellaneous Unexpected Water Line Breaks	0	222,222	222,222	222,222	222,222	222,222	222,222	222,222	222,222	0	\$1,777,776
Proposed 12" Water Line along Boulevard 26*	0	0	794,310	0	0	0	0	0	0	0	\$794,310
Proposed 12" Water Line along Eagle Crest Drive	0	0	0	0	0	0	0	0	303,330	0	\$303,330
Proposed 12" /10" Water Line along Amundson Drive and 12" Water Line South of Mid Cities	0	0	0	0	0	0	0	0	537,600	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	\$1,015,260
Proposed 16" Water Line along Holiday Lane and Janetta Drive*	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	0	2,136,630	0	\$2,136,630
Proposed 24" Water Line along Watauga Road	0	0	0	0	0	0	0	0	2,737,330	0	\$2,737,330
Proposed 8" Water Line along Country Place Drive South of Northfield Drive	0	0	0	0	0	0	0	0	50,790	0	\$50,790
Proposed Motor Operated Transfer Valves on 2 Water Lines in the South*	0	0	276,000	0	0	0	0	0	0	0	\$276,000
Stanley-Keller Road Pump Station Replacement	0	0	0	0	743,000	0	0	0	0	0	\$743,000
Starnes Elevated Tank Rehabilitation	0	0	0	0	0	0	0	0	0	1,000,000	\$1,000,000
Transmission Water Line Valve Replacements	150,000	100,000	0	0	0	0	0	0	0	0	\$250,000
Watauga Pump Station Improvements	0	0	0	0	0	0	0	0	3,024,000	0	\$3,024,000
Water Storage and Facility Security System	0	250,000	0	0	0	0	0	0	0	0	\$250,000
Water Storage Tank Site And Storage Facility and Storage Tank Facility Upgrades	0	161,000	0	0	0	0	0	0	0	0	\$161,000
Western Center Ground Storage Tank Rehabilitation	0	0	0	0	0	0	0	0	0	750,000	\$750,000
Total New & Continuing Water Improvements	\$374,016	\$8,588,452	\$4,127,360	\$5,328,482	\$7,356,502	\$4,774,793	\$9,159,250	\$5,878,471	\$17,617,057	\$2,450,000	\$72,480,760
Total Utility Improvements Projects	\$3,109,016	\$13,205,317	\$8,242,368	\$11,481,766	\$11,515,912	\$10,753,178	\$14,434,725	\$10,831,522	\$23,399,569	\$3,825,000	\$118,744,750
<i>Utility Related Major Capital Equipment</i>											
Automatic Dead End Water Main Flushing Devices	\$85,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$425,000	\$425,000	\$935,000
Pump and Motor Replacements and Repairs	105,000	0	0	0	0	0	0	0	0	0	\$105,000
Total Utility Related Major Capital Equipment	\$190,000	\$0	\$425,000	\$425,000	\$1,040,000						
Total Project Costs	\$3,299,016	\$13,205,317	\$8,242,368	\$11,481,766	\$11,515,912	\$10,753,178	\$14,434,725	\$10,831,522	\$23,824,569	\$4,250,000	\$119,784,750

*Impact Fee Projects

Schedule 3 Utility Capital Projects Budget Summary

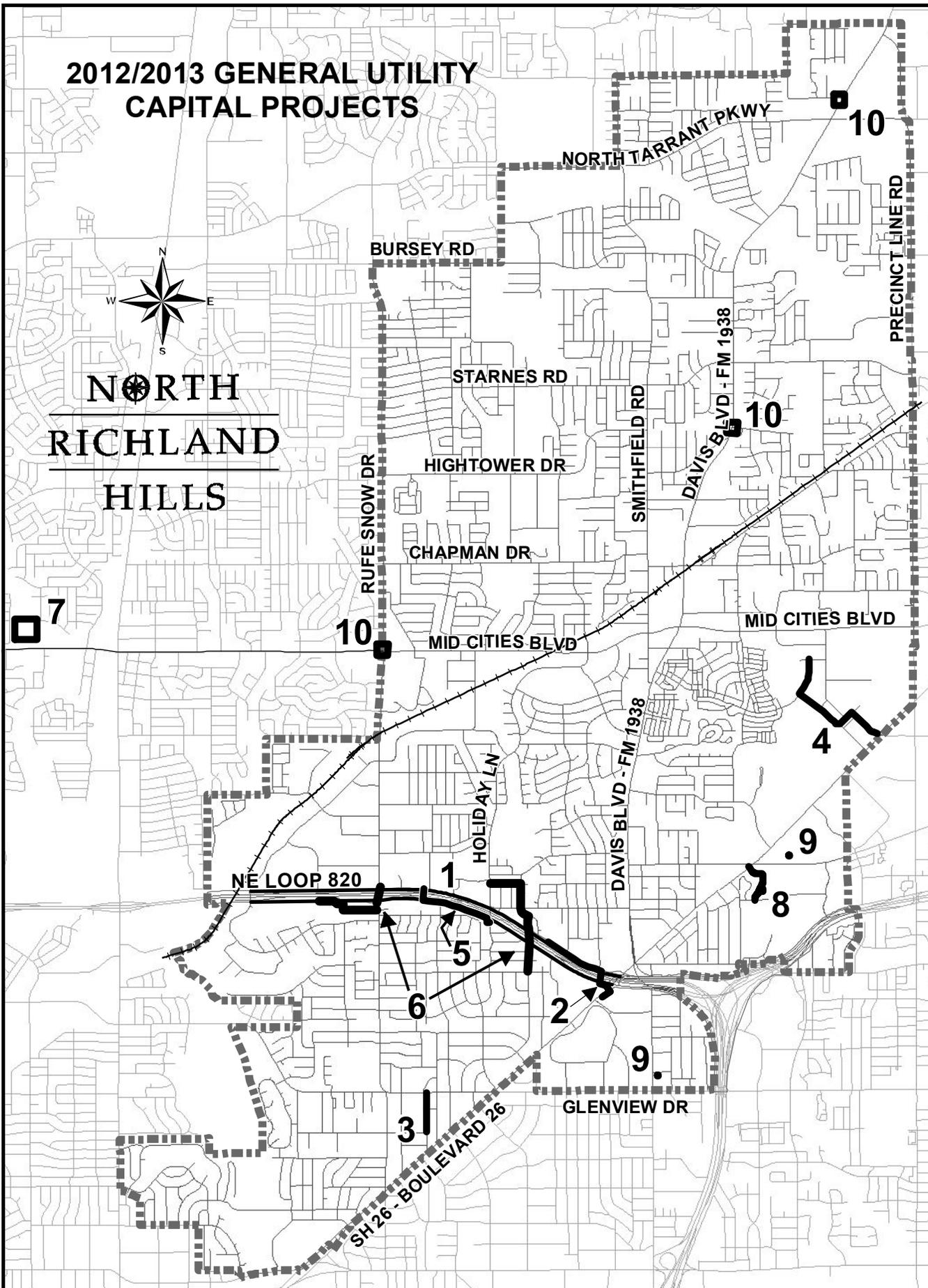
Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
113 - Big Fossil Creek Wastewater Outfall	1,200,000	0	0	0	\$ 1,200,000
114 1 I.H. 820 Utility Adjustments (Interchange to Meadowlakes)	1,000,000	0	0	0	\$ 1,000,000
116 2 Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)	1,730,000	0	0	0	\$ 1,730,000
119 - Sanitary Sewer System Rehabilitation of Main Lines (Phase I)	1,500,000	0	0	0	\$ 1,500,000
120 3 Scruggs Drive Sanitary Sewer Rehabilitation (CDBG)	200,091	0	0	0	\$ 200,091
122 4 Water Line (Boulevard 26/Cardinal Lane)	520,000	0	0	0	\$ 520,000
124 5 Water Main & Valve (Across Loop 820 East of Iron Horse Blvd.)	315,000	0	0	0	\$ 315,000
126 6 Water Main (Loop 820 Crossings)	1,770,000	0	0	0	\$ 1,770,000
128 7 Western Center Water Facility Expansion	55,000	0	0	0	\$ 55,000
Total Continuing Projects	\$ 8,290,091	\$ 0	\$ 0	\$ 0	\$ 8,290,091
New Projects					
131 - Automatic Dead End Flushing Devices	0	85,000	0	0	\$ 85,000
132 8 Dude Court & Jennings Drive Galvanized Water Main Replacement [CDBG]	0	224,016	0	0	\$ 224,016
135 - Miscellaneous Water/Sewer Main Replacement (2013)	0	410,000	0	0	\$ 410,000
136 9 Pump and Motor Replacements	0	105,000	0	0	\$ 105,000
138 - Sanitary Sewer System Inflow and Infiltration Elimination	0	65,000	0	0	\$ 65,000
139 - Sanitary Sewer System Rehabilitation of Main Lines (Phase II)	0	1,500,000	0	0	\$ 1,500,000
140 - Small Water Main Replacement (2013)	0	410,000	0	0	\$ 410,000
141 - Telemetric Water Meter Annual Maintenance (2013)	0	350,000	0	0	\$ 350,000
142 10 Transmission Water Line Valve Replacements	0	150,000	0	0	\$ 150,000
Total New Projects	\$ 0	\$ 3,299,016	\$ 0	\$ 0	\$ 3,299,016
Total Project Costs	\$ 8,290,091	\$ 3,299,016	\$ 0	\$ 0	\$ 11,589,107
<u>Funding Sources</u>					
Certificates of Obligation					
Certificates of Obligation	5,715,000	0	0	0	5,715,000
Total Certificates of Obligation	\$ 5,715,000	\$ 0	\$ 0	\$ 0	\$ 5,715,000
Federal/State Grants					
TXDOT Funding	238,482	0	0	0	238,482
Federal Grant	200,091	224,016	0	0	424,107
Total Federal/State Grants	\$ 438,573	\$ 224,016	\$ 0	\$ 0	\$ 662,589
Reserves					
Future Construction Funds	0	2,421,000	0	0	2,421,000
Other	0	70,000	0	0	70,000
Unspecified Project Savings	216,518	0	0	0	216,518
Utility Operations for Capital Projects	1,255,205	0	0	0	1,255,205

Schedule 3 Utility Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
Certificates of Obligation Project Savings	0	439,000	0	0	439,000
Total Reserves	\$ 1,471,723	\$ 2,930,000	\$ 0	\$ 0	\$ 4,401,723
Other					
EPA Surcharge	0	145,000	0	0	145,000
Impact Fees	664,795	0	0	0	664,795
Total Other	\$ 664,795	\$ 145,000	\$ 0	\$ 0	\$ 809,795
Total Sources of Funds	\$ 8,290,091	\$ 3,299,016	\$ 0	\$ 0	\$ 11,589,107

2012/2013 GENERAL UTILITY CAPITAL PROJECTS

NORTH RICHLAND HILLS

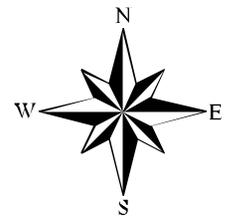
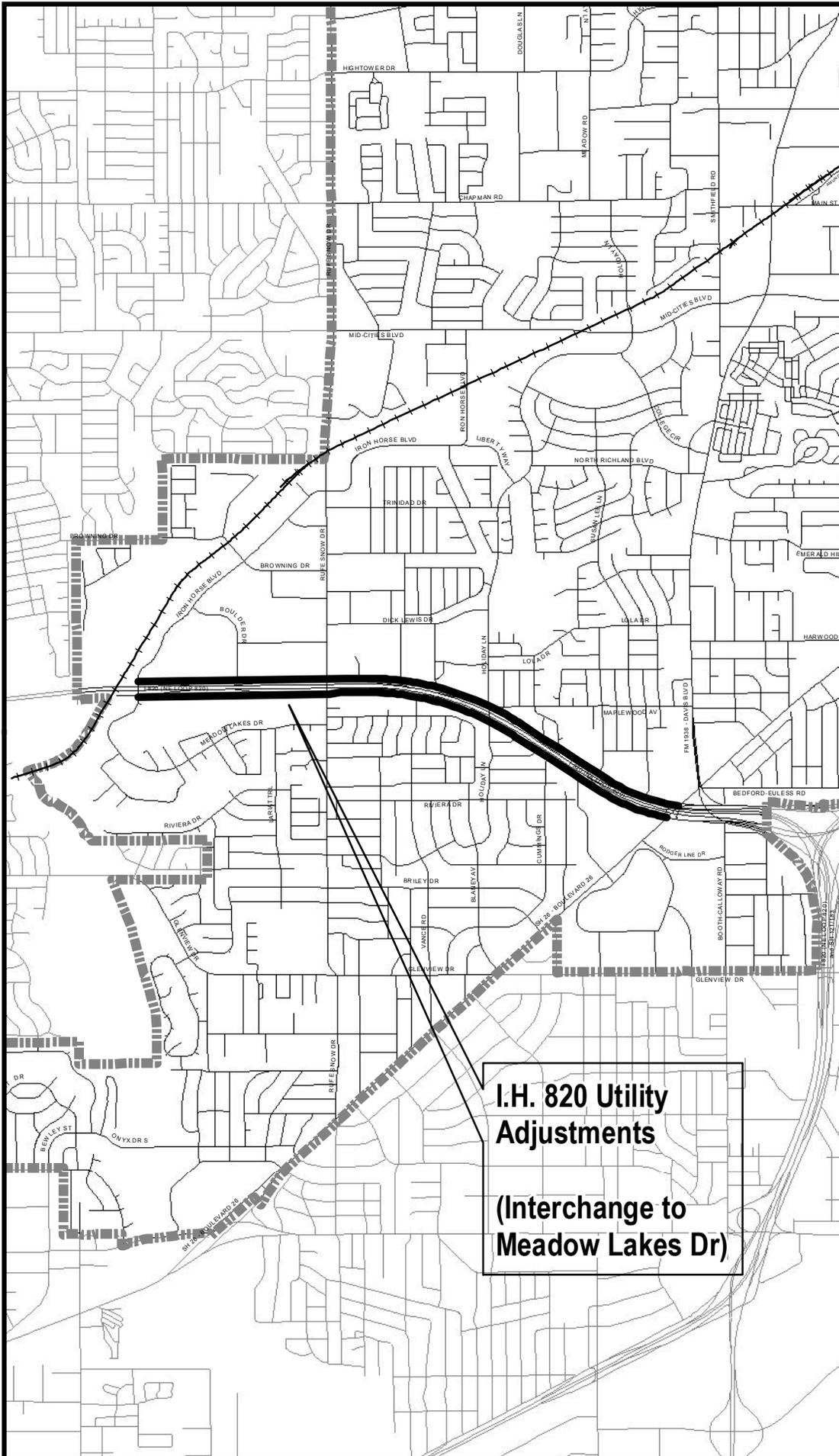


NRH

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Big Fossil Creek Wastewater Outfall				UT0201	
Project Description						
This project consists of constructing a parallel wastewater outfall main from the North Richland Hills metering station, which is north of State Highway 10 to the Trinity River. North Richland Hills, Richland Hills, Haltom City, and Fort Worth discharge sanitary sewer into this section of the existing outfall mains. Each city will pay a portion of the cost based on volume of flow from their city. The size of the main will vary, but will be as large as 90" in diameter. North Richland Hills will need to pay for connecting its existing outfall to the new outfall. After the new outfall is complete, both wastewater pipelines will be owned, operated and maintained by Fort Worth as part of its system.						
Project Justification						
This line is a trunk main that serves the cities of NRH, Haltom City, Fort Worth, and Richland Hills. The line is approximately 50 years old and is in very poor condition. Also, the line is undersized and needs to be larger.						
Note: Delays are due to other cities negotiating the alignment of the wastewater main.						
The Reserves funding is from Utility Fund.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2001-02	\$1,200,000		
Professional Services		Total		\$1,200,000		
Engineering/Design	07/2010					
Land/ROW Acquisition	07/2011					
Construction	10/2012					
Other						
Total Schedule	07/2010	10/2013				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

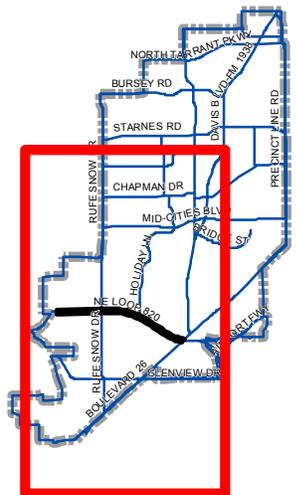
I.H. 820 Utility Adjustments

(Interchange to Meadow Lakes Dr)



NORTH RICHLAND HILLS

Project Locator Map

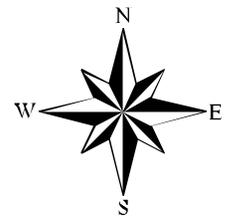


Scale: 1" = 3000'

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	I.H. 820 Utility Adjustments (Interchange to Meadowlakes)				UT0203	
Project Description						
This project consists of relocating and/or adjusting the City water and sewer lines that will conflict with the I.H. 820 Widening Project. The City completed the design and construction on the portion of the project adjacent to the Rufe Snow Bridge several years ago. Design and construction on the remaining portion of the project recently started and is expected to be complete in a few years.						
Project Justification						
TxDOT requires all utilities to be relocated from under the newly constructed pavement. The City will need to complete this project prior to the widening of I.H. 820.						
Note: The reason for the wide range of dates on the project schedule is due to a portion of this project being completed with the Rufe Snow Drive Bridge. The remainder of the project will be completed with the I.H. 820 widening. Change in project schedule is due to TxDOT changing the TxDOT 820 widening project schedule.						
The Reserves funding is from the Utility Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2001-02	\$1,000,000	
Engineering/Design	01/2002	09/2011	Total		\$1,000,000	
Land/ROW Acquisition						
Construction	06/2011	01/2013				
Other						
Total Schedule	01/2002	01/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	238,482	0	0	0	\$238,482	
Reserves	761,518	0	0	0	\$761,518	
Sales Tax						
Other						
Total Funding	\$1,000,000	\$0	\$0	\$0	\$1,000,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	150,000	0	0	0	\$150,000	
Land/ROW Acquisition						
Construction	850,000	0	0	0	\$850,000	
Other						
Total Costs	\$1,000,000	\$0	\$0	\$0	\$1,000,000	
Operating Impact						
No anticipated operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

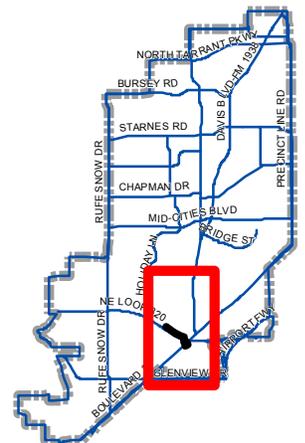


Sanitary Sewer
(Loop 820 Corridor Interceptor Replacement)



NORTH RICHLAND HILLS

Project Locator Map

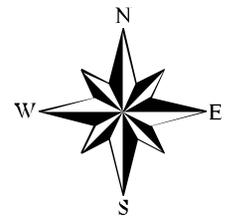
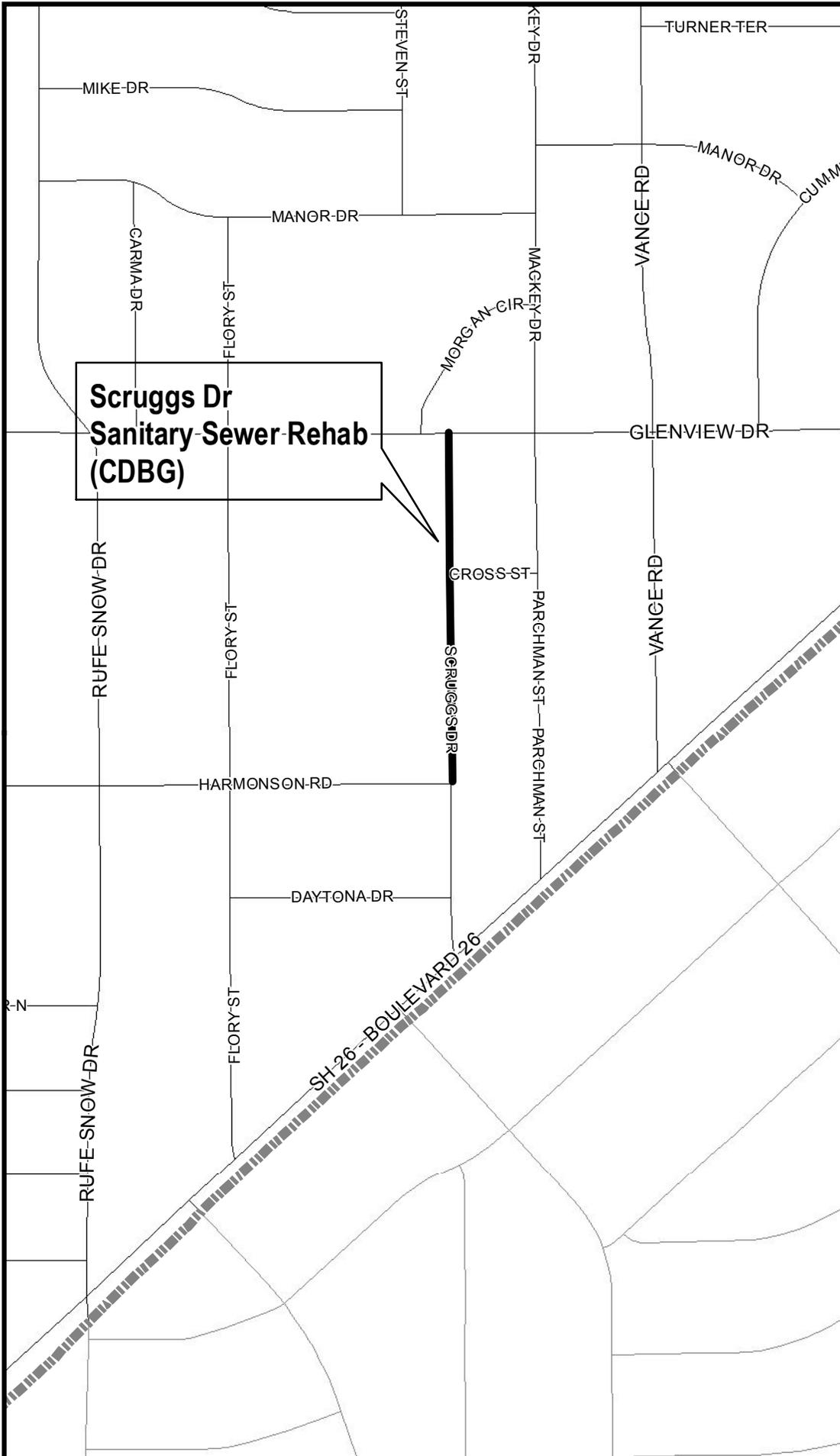


Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer (Loop 820 Corridor Interceptor Replacement)				UT1202	
Project Description						
This project is identified in the Wastewater System Capital Improvement Plan. This project consists of the design and 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.						
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. Because the reconstruction of Loop 820 is imminent, it is appropriate to begin this project in this fiscal year.						
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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$1,730,000	
Engineering/Design	10/2011	04/2013	Total		\$1,730,000	
Land/ROW Acquisition						
Construction	06/2012	01/2013				
Other						
Total Schedule	10/2011	04/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

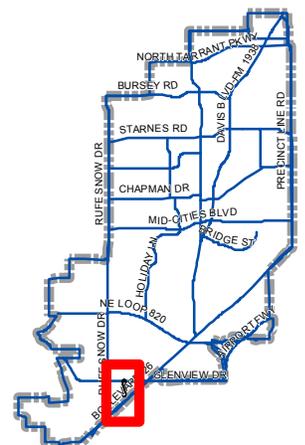
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer System Rehabilitation of Main Lines (Phase I)				UT1203	
Project Description						
This project will consist of replacing approximately 11,000 linear feet of sanitary sewer main lines in the southern 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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$3,000,000	
Engineering/Design	05/2012	12/2012	Revision	2011-12	(\$1,500,000)	
Land/ROW Acquisition			Total		\$1,500,000	
Construction	01/2013	09/2013				
Other						
Total Schedule	05/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Scruggs Dr Sanitary Sewer Rehabilitation (CDBG)

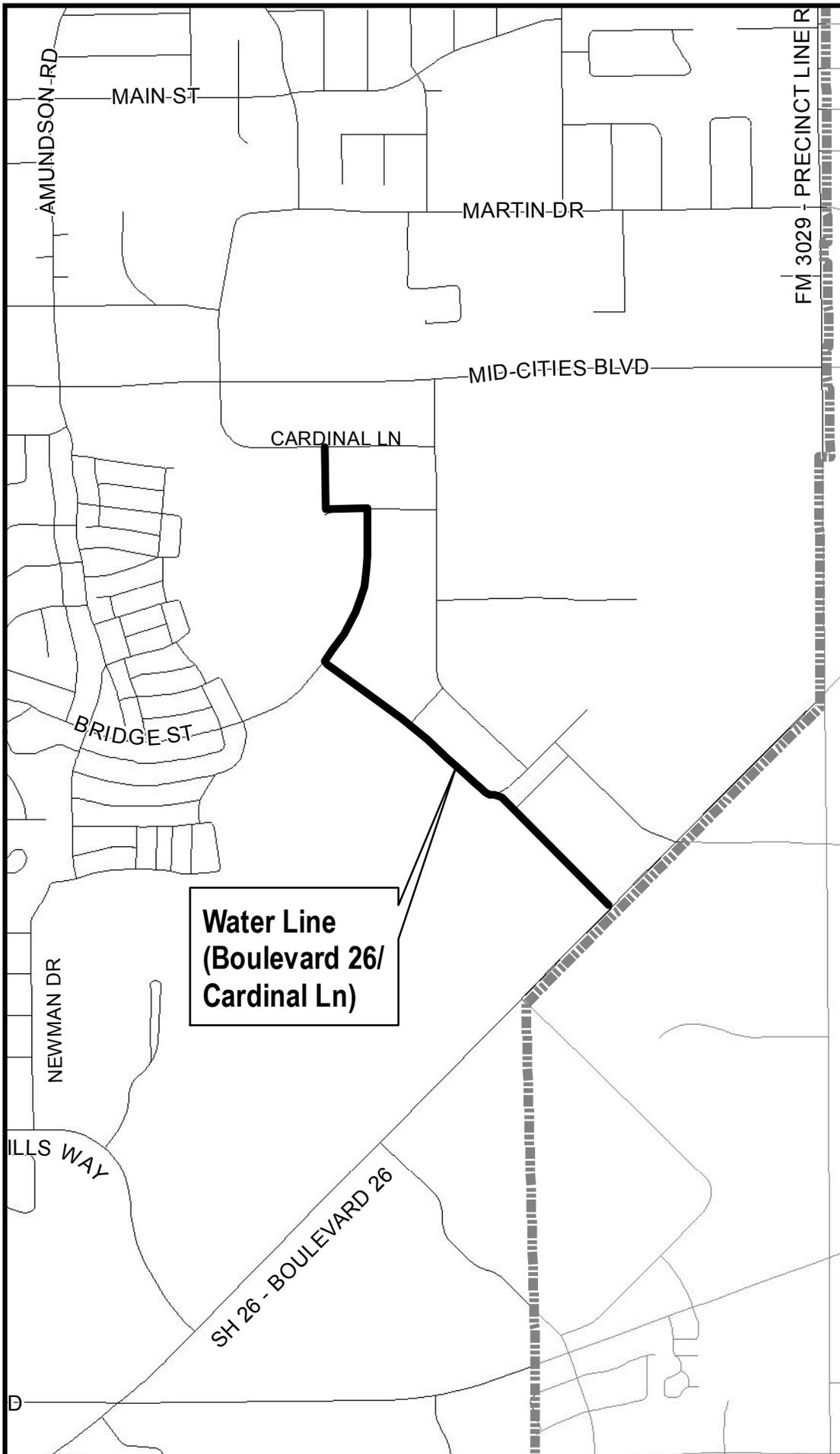


NORTH RICHLAND HILLS

Project Locator Map

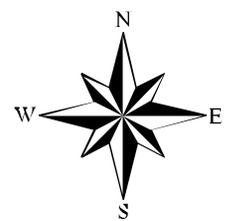


Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Scruggs Drive Sanitary Sewer Rehabilitation (CDBG)				CDBG12	
Project Description						
This is the 37th Year Community Development Block Grant (CDBG) Project. The Project will consist of the rehabilitation (pipe bursting) of approximately 1,200 lineal feet of sanitary sewer within Scruggs Drive Right-of-Way between Glenview Drive and Harmonson Road. The existing sanitary sewer main is 6" diameter vitrified clay pipe that will be pipe bursted with 8" diameter high-density polyethylene (HDPE) pipe						
Project Justification						
The existing clay pipe has become problematic requiring regular maintenance. The pipe has partially collapsed in areas and roots have intruded within the pipe throughout this 1,200 lineal foot section. Because the existing clay pipe is located under the pavement, replacing this pipe via traditional open-trench construction would also require removal and replacing a large amount of Scruggs Drive. This type of construction would also be extremely disruptive to traffic and to the adjoining properties. Pipe bursting this sanitary sewer with HDPE pipe is cost effective as pavement will only need to be removed and replaced at those locations where sanitary sewer service laterals and manholes currently exist. Additionally, the disruption to traffic and to the adjoining properties would be minimized.						
Note: The Federal/State Grand 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	History	Fiscal Year	Amount	
Professional Services			Revision	2011-12	\$200,091	
Engineering/Design	10/2011	01/2012	Total		\$200,091	
Land/ROW Acquisition						
Construction	04/2012	10/2012				
Other						
Total Schedule	10/2011	10/2012				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	200,091	0	0	0	\$200,091	
Reserves						
Sales Tax						
Other						
Total Funding	\$200,091	\$0	\$0	\$0	\$200,091	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	26,099	0	0	0	\$26,099	
Land/ROW Acquisition						
Construction	173,992	0	0	0	\$173,992	
Other						
Total Costs	\$200,091	\$0	\$0	\$0	\$200,091	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



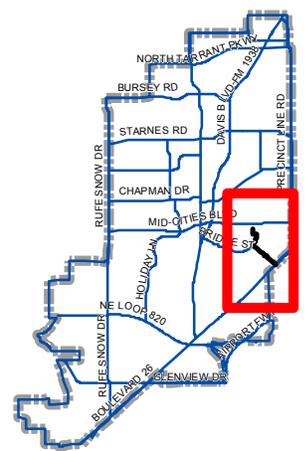
**Water Line
(Boulevard 26/
Cardinal Ln)**

**Water Line
(Boulevard 26/
Cardinal Ln)**



**NORTH
RICHLAND
HILLS**

Project Locator Map



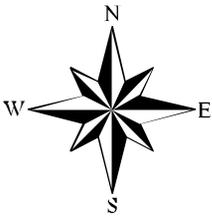
Scale: 1" = 1000'

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	History	Fiscal Year	Amount		
		Adopted Budget	2006-07	\$520,000		
Engineering/Design	05/2011	09/2011	Total	\$520,000		
Land/ROW Acquisition						
Construction	07/2013	10/2013				
Other						
Total Schedule	05/2011	10/2013				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



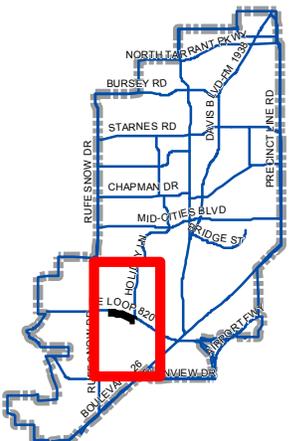
**Water Main
& Valve**
(Across Loop 820
east of
Iron Horse Blvd)

**Water Main & Valve
(Across Loop 820 east of
Iron Horse Blvd)**



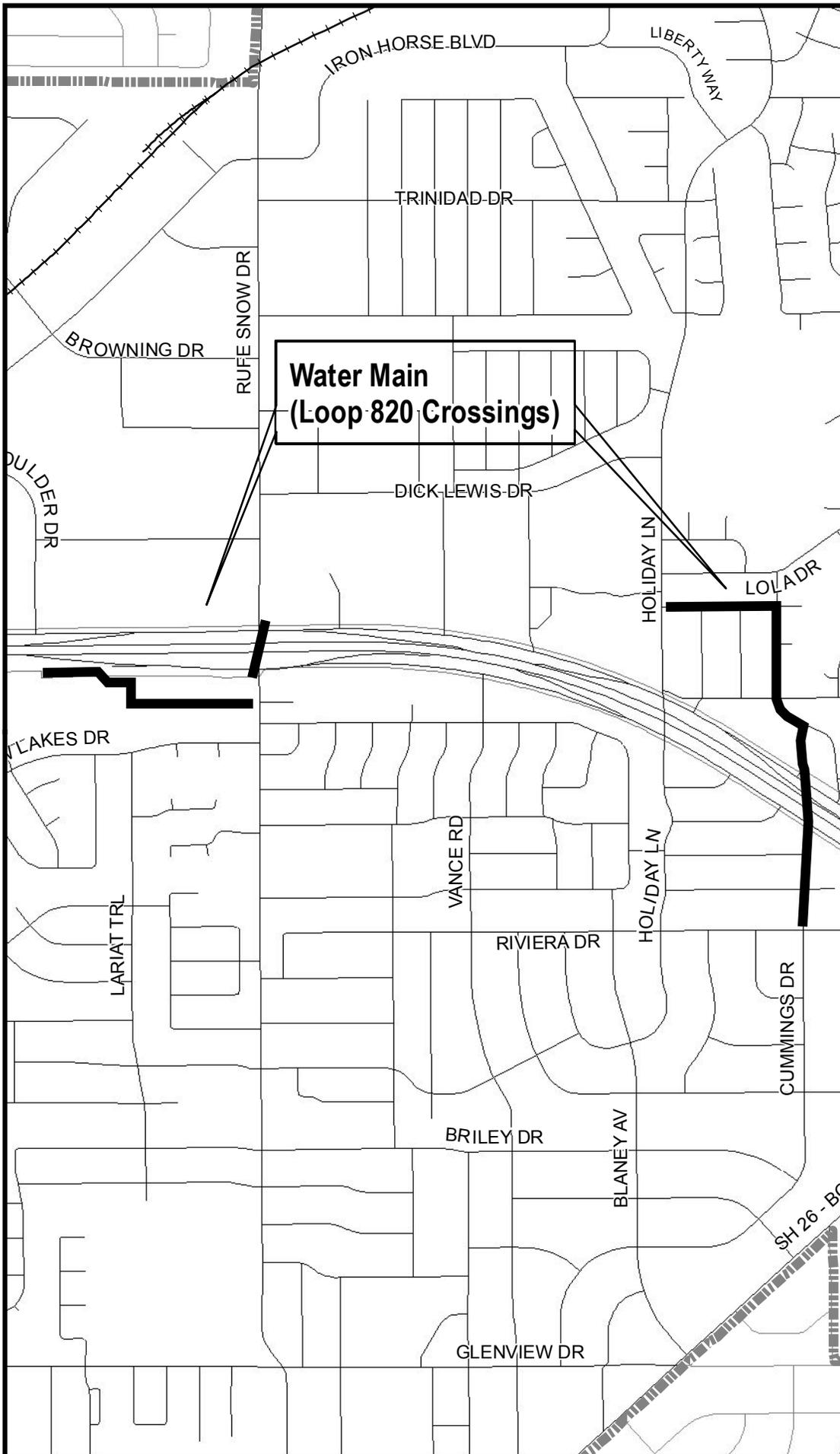
**NORTH
RICHLAND
HILLS**

Project Locator Map



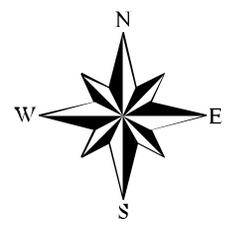
Scale: 1" = 1000'

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.						
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. Because the reconstruction of Loop 820 is imminent, it is appropriate to begin this project in this fiscal year.						
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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$315,000	
Engineering/Design	10/2011	07/2012	Total		\$315,000	
Land/ROW Acquisition						
Construction						
Other	01/2012	01/2013				
Total Schedule	10/2011	01/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



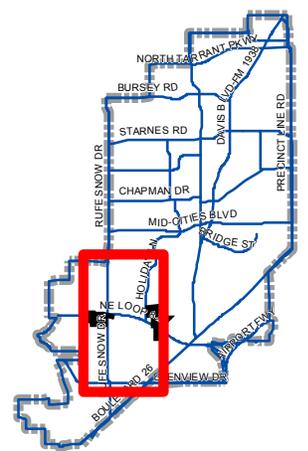
Water Main

(Loop 820 Crossings)



NORTH RICHLAND HILLS

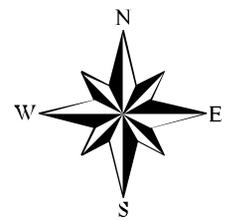
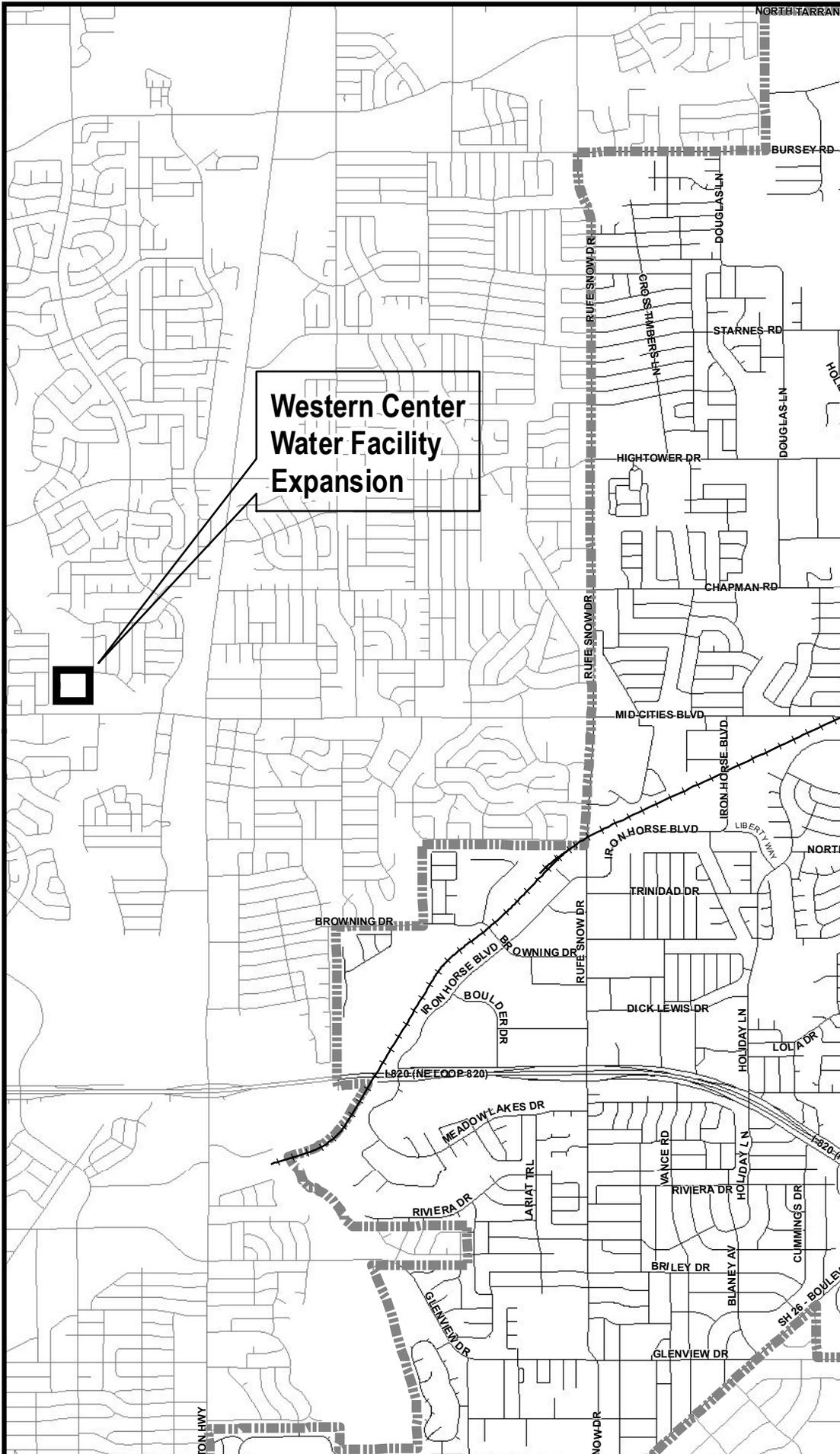
Project Locator Map



Scale: 1" = 1200'

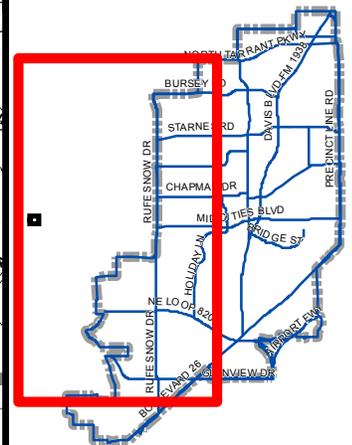
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Water Main (Loop 820 Crossings)				UT1208	
Project Description						
This project is identified in the Water System Capital Improvement Plan. This project replaces the existing water mains across Loop 820.						
Project Justification						
The widening of Loop 820 will require the relocation of all existing water mains that cross Loop 820. Because the reconstruction of Loop 820 is imminent, it is appropriate to begin this project in this fiscal year.						
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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$1,770,000	
Engineering/Design	10/2011	06/2012	Total		\$1,770,000	
Land/ROW Acquisition						
Construction	07/2012	04/2013				
Other						
Total Schedule	10/2011	04/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Western Center Water Facility Expansion



NORTH RICHLAND HILLS

Project Locator Map

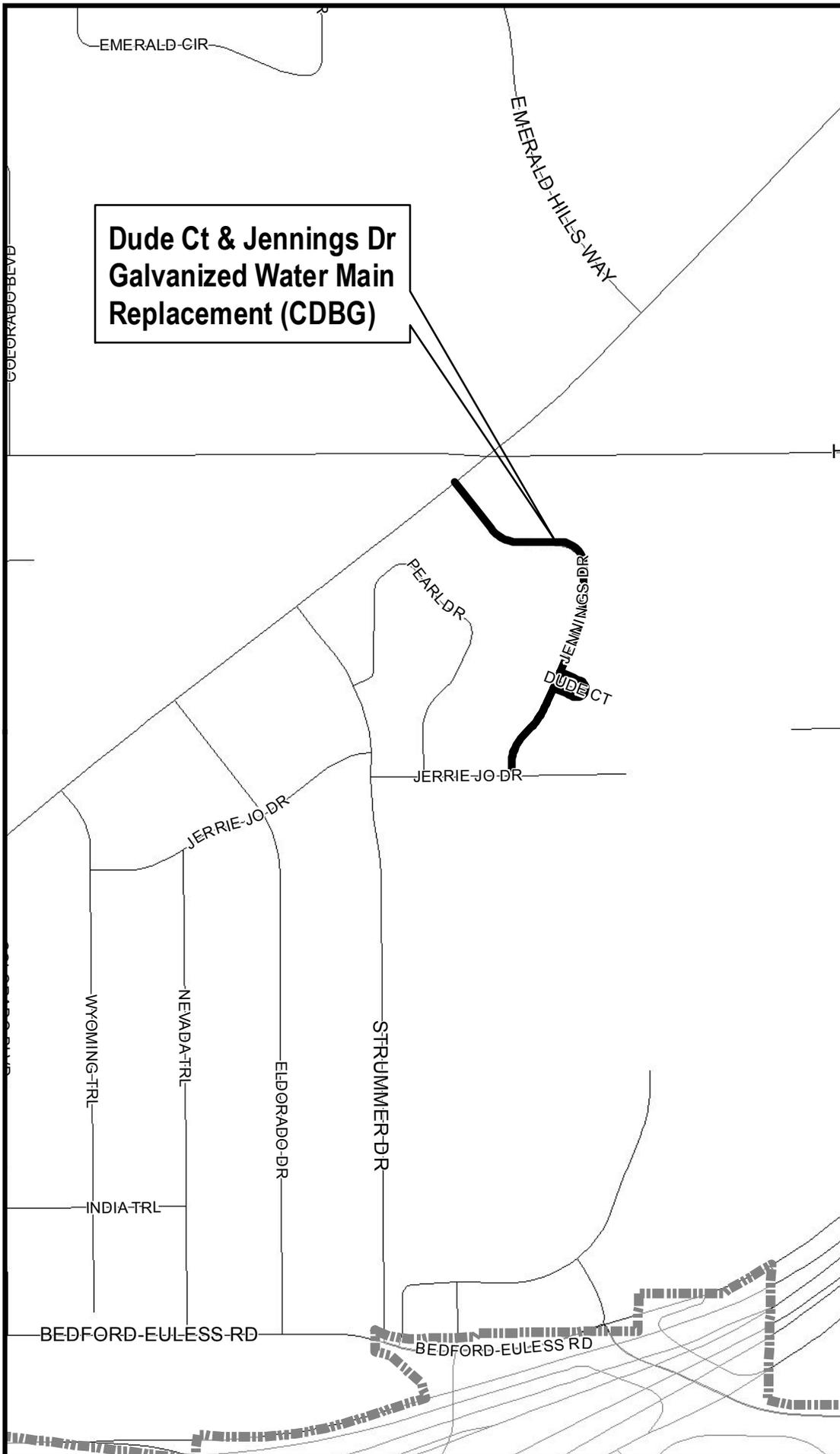


Scale: 1" = 3000'

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	History	Fiscal Year	Amount	
Professional Services	04/2008	10/2008	Original Budget	2007-08	\$40,000	
Engineering/Design	10/2007	10/2008	Revision	2009-10	\$15,000	
Land/ROW Acquisition	10/2009	10/2012	Total		\$55,000	
Construction						
Other						
Total Schedule	10/2007	10/2012				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

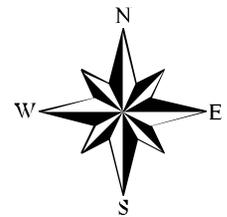
NRH

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Automatic Dead End Flushing Devices				UT1301	
Project Description						
This project will consist of purchasing 30 permanent programmable automatic flushing devices for all climates. These devices are installed at dead end water mains and provide excellent flow rates up to 200 gallons per minute to improve and maintain the chlorine residual levels and flush disinfectant byproducts to keep water fresh and safe. City staff will perform the installation of the flushing devices. This project will fund only the purchase of the automatic flushing devices.						
Project Justification						
Currently the City has 150 known dead-end water mains. The Texas Commission on Environmental Quality (TCEQ) requires all dead-end mains to be flushed once a month for water quality assurance. The longer water is isolated from circulation the chance of controlling the growth and spread of microbial pathogens and disinfectant byproducts decreases. In order to meet this state requirement staff manually performs each dead-end flush monthly which typically requires 15 to 30 minutes per site based on the age of the water in the line. The department must dedicate at least two (2) staff members to the manual flushing program each month to achieve this operation. Staff time spent for this operation restricts or slows the progression of other programs in the department such as valve maintenance, hydrant maintenance, leak detection and meter replacements. The most efficient and cost effective way to accomplish this is with the automatic dead-end flushing devices. The department would like to install 30 programmable dead-end flushing devices this year at selected locations. This will allow the department the opportunity to evaluate the programmable flushing devices. This will give the department the flexibility to control all dead-end flushing activities automatically at the recommended frequency and eliminate the need to manually perform the operation every month at these locations.						
Funding source is Certificate of Obligation Project Savings Reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$85,000	
Engineering/Design			Total		\$85,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	85,000	0	0	\$85,000	
Sales Tax						
Other						
Total Funding	\$0	\$85,000	\$0	\$0	\$85,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	85,000	0	0	\$85,000	\$0
Total Costs	\$0	\$85,000	\$0	\$0	\$85,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0



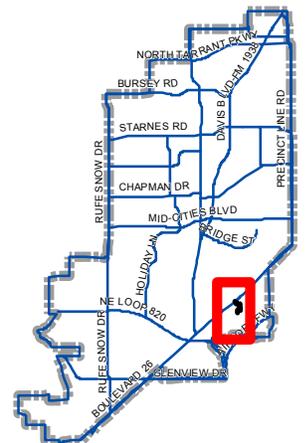
**Dude Ct & Jennings Dr
Galvanized Water Main
Replacement (CDBG)**

**Dude Ct &
Jennings Dr
Galvanized Water
Main Replacement
(CDBG)**



**NORTH
RICHLAND
HILLS**

Project Locator Map

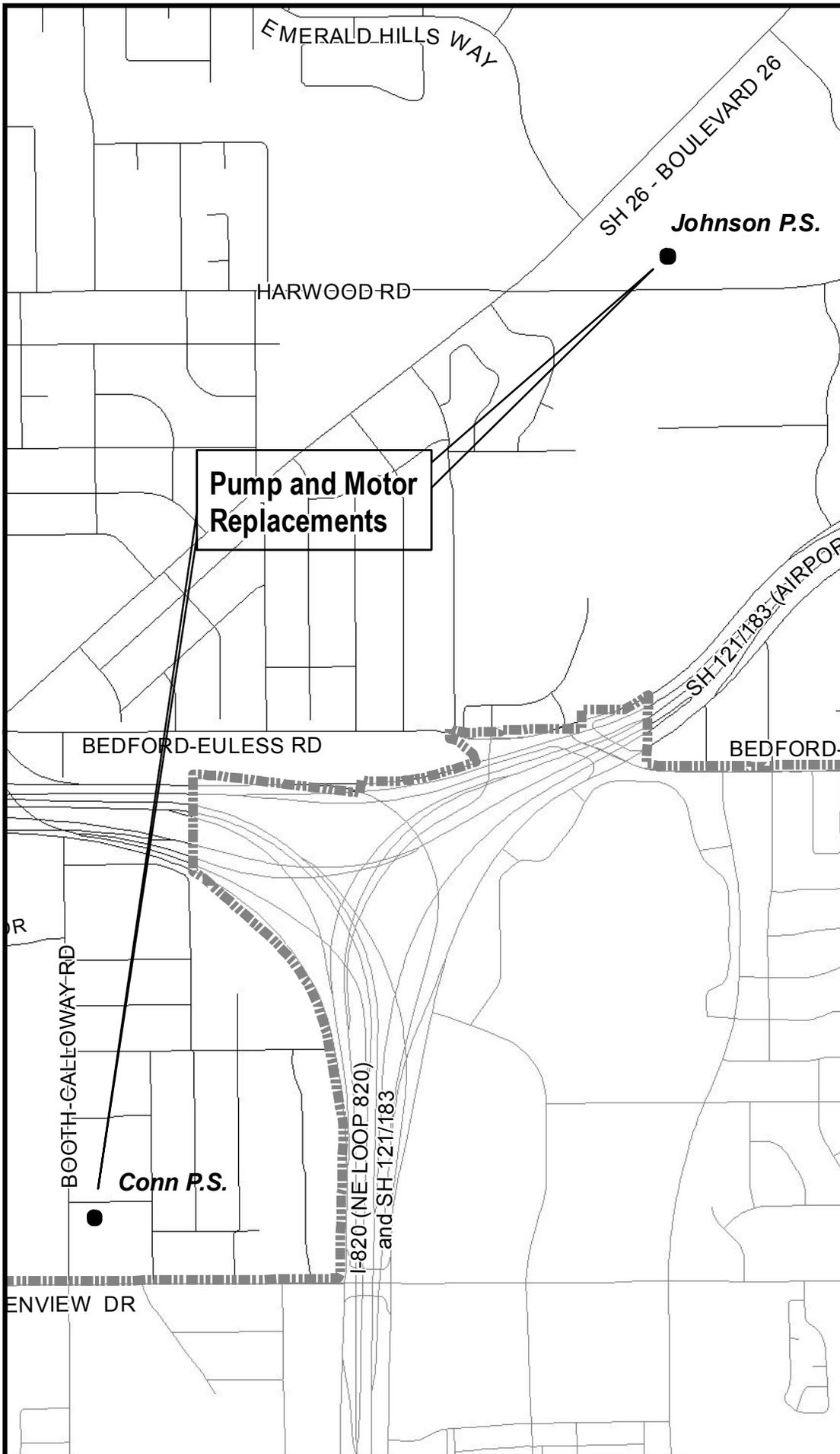


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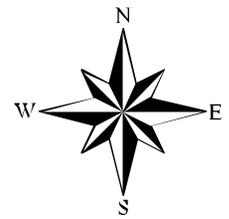
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Dude Court & Jennings Drive Galvanized Water Main Replacement [CDBG]				CDBG13	
Project Description						
This is the 38th Year Community Development Block Grant (CDBG) Project. The Project will consist of the replacement of approximately 1,400 linear feet of the existing 2" DIA galvanized water mains in the 8300 Block of Dude Court and the 5100 Block of Jennings Drive.						
Project Justification						
The existing water mains are 2" DIA galvanized pipe that requires regular maintenance. This pipe size no longer meets the City's minimum criteria; additionally, 2" DIA pipe is not large enough to support the connection of fire hydrants.						
Note: The Federal/State Grand 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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$224,016	
Engineering/Design	10/2012	09/2013	Total		\$224,016	
Land/ROW Acquisition						
Construction	02/2012	10/2013				
Other						
Total Schedule	02/2012	10/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	0	224,016	0	0	\$224,016	
Reserves						
Sales Tax						
Other						
Total Funding	\$0	\$224,016	\$0	\$0	\$224,016	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	0	37,336	0	0	\$37,336	\$0
Land/ROW Acquisition						
Construction	0	186,680	0	0	\$186,680	\$0
Other						
Total Costs	\$0	\$224,016	\$0	\$0	\$224,016	\$0
Operating Impact						
No impact on operating budget anticipated						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	Miscellaneous Water/Sewer Main Replacement (2013)				UT1303	
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: Spring River Lane (Lariat to Riviera), Woods Lane (Davis Blvd. to Dead End), Lincolnshire Lane (Southampton to Wakefield), and Mapleleaf Drive (John Autry to Parkway).						
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.						
Reserves funding sources are Future Construction \$375,000 and Rate Stabilization \$35,000.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$410,000	
Engineering/Design			Total		\$410,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	410,000	0	0	\$410,000	
Sales Tax						
Other						
Total Funding	\$0	\$410,000	\$0	\$0	\$410,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	410,000	0	0	\$410,000	\$0
Other						
Total Costs	\$0	\$410,000	\$0	\$0	\$410,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

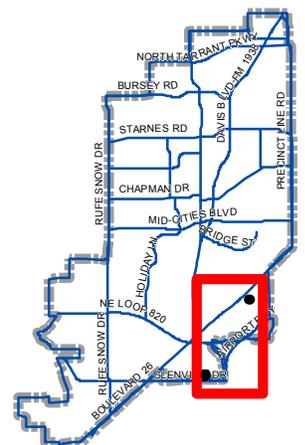


Pump and Motor Replacements



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 1000'

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Pump and Motor Replacements				UT1304	
Project Description						
This project will consist of the replacement of (3) three pumps and motors inside the pump station facilities located at 7800 Conn Drive (Conn Pump Station) and 8501 Harwood Road (Johnson Pump Station). The City currently has 5 of its 18 pumps and motors that are 30 years or older, however 3 out of the 5 are consistently breaking down and needing to be replaced. This project will consist of replacing these 3 pumps and motors. The cost for each pump and motor is approximately \$35,000 for a total project cost of \$105,000.						
Project Justification						
The City of North Richland Hills owns 18 pumps and motors which are used to boost water pressures, control water tank levels and provide ample water supply to it's citizens. These pumps and motors are housed inside 5 booster pumps stations throughout the City. The pumps and motors are a vital component to operations and are essential for providing safe and reliable water in the distribution system. Several of the City's pumps and motors are aging and are in need of replacement. When pumps and motors break down emergency repairs must be performed immediately or the City's water supply could be compromised. Currently there are 5 pumps and motors that are 30 years old in the system. Manufacturer's recommendation for the life of the pump and motor in the distribution system is 30 years. As these pumps and motors age and wear, components begin to slow down and pump efficiency falls below the standard necessary to adequately provide stable water pressures. Three of these pumps and motors are located at Conn Pump Station. These pumps are important for boosting pressures from the south Fort Worth entry point. The two pumps at Johnson Pump Station receive water directly from Conn and boost to the College Hills Pump Station located in the center of the City's distribution system.						
Funding source is Certificate of Obligation Project Savings Reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$105,000	
Engineering/Design			Total		\$105,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	105,000	0	0	\$105,000	
Sales Tax						
Other						
Total Funding	\$0	\$105,000	\$0	\$0	\$105,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	0	5,000	0	0	\$5,000	\$0
Land/ROW Acquisition						
Construction	0	100,000	0	0	\$100,000	\$0
Other						
Total Costs	\$0	\$105,000	\$0	\$0	\$105,000	\$0
Operating Impact						
No impact. Maintenance is already funded in the regular Operating Budget.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

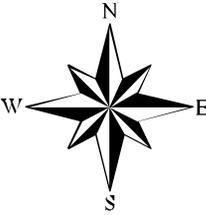
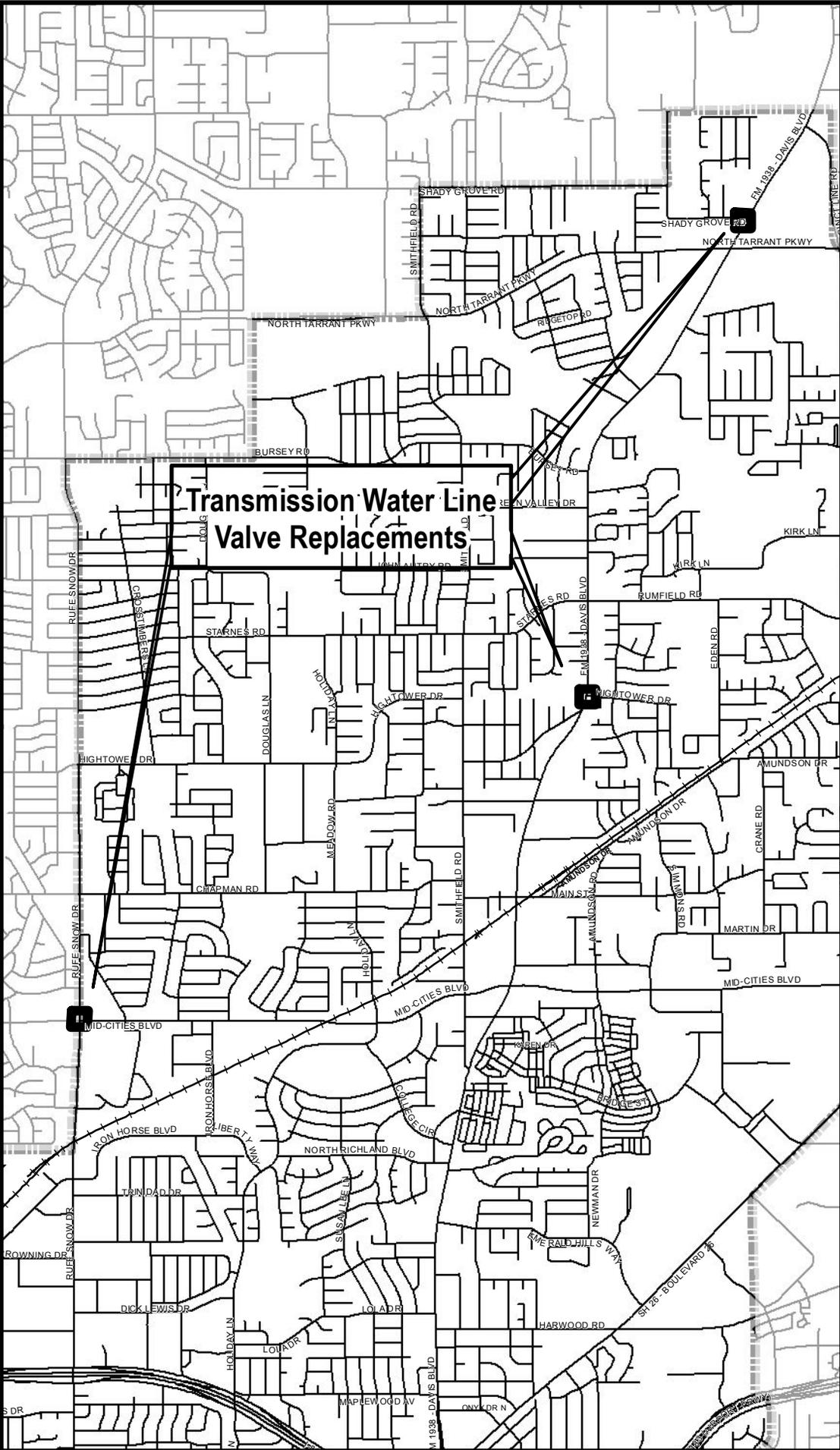
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Sanitary Sewer System Inflow and Infiltration Elimination				UT1305	
Project Description						
This project will consist of the purchase of 200 manhole rings and lids and 1,000 customer cleanout covers to eliminate substantial inflow problems identified in the Sanitary Sewer Assessment Study.						
Project Justification						
In 2010 and 2011, the City conducted a sanitary sewer assessment for the southern portion of the City (Project UT0902). The study identified over 200 manhole rehabilitation defects which include many broken or deficient manhole ring and/or lids in need of replacement. Also identified were hundreds of broken or missing customer cleanout cap covers. These deficiencies are allowing groundwater and surface water inflow resulting in capacity issues and added cost for the treatment of wastewater. Several thousand gallons of inflow may be realized during a significant rain event if these problems are not corrected.						
This project will replace a large majority of the manhole ring and lids and cleanout cover defects identified in the southern portion of the City. These corrections will be performed by staffed employees and will not inconvenience residents. The end result will be a more efficient, safer, and cost saving sewer system in the southern portion of the City.						
Reserves funding is Certificates of Obligation Project Savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$65,000	
Engineering/Design			Total		\$65,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	0	65,000	0	0	\$65,000	
Total Funding	\$0	\$65,000	\$0	\$0	\$65,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	65,000	0	0	\$65,000	\$0
Total Costs	\$0	\$65,000	\$0	\$0	\$65,000	\$0
Operating Impact						
No impact is anticipated on the operating budget						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	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	Sanitary Sewer System Rehabilitation of Main Lines (Phase II)				UT1307	
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 11,000 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 5,000 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.						
Funding source are Other- EPA Surcharge and Reserves- Future Construction and Certificates of Obligation Project Savings.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$1,500,000	
Engineering/Design	10/2011	09/2012	Total		\$1,500,000	
Land/ROW Acquisition	11/2012	09/2013				
Construction						
Other						
Total Schedule	10/2011	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	1,420,000	0	0	\$1,420,000	
Sales Tax						
Other	0	80,000	0	0	\$80,000	
Total Funding	\$0	\$1,500,000	\$0	\$0	\$1,500,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	0	300,000	0	0	\$300,000	\$0
Land/ROW Acquisition						
Construction	0	1,200,000	0	0	\$1,200,000	\$0
Other						
Total Costs	\$0	\$1,500,000	\$0	\$0	\$1,500,000	\$0
Operating Impact						
No impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	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	Small Water Main Replacement (2013)				UT1308	
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: Collard Court (Main Street to Cul-de-sac), Timberlane Court (Timberlane to Cul-de-Sac), Glengarry Court (Diamond Loch W. to Cul-de-sac), Springbrook Court (Stoneybrook to Cul-de-Sac), Manor Drive (6749 Manor to Mackey), Rockdale Drive (Stoneybrook to Rockdale Court), and Oldham Place (Buckingham to Yarmouth).						
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.						
Reserves funding sources are Future Construction Reserves \$375,000 and Rate Stabilization \$35,000.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$410,000	
Engineering/Design			Total		\$410,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	410,000	0	0	\$410,000	
Sales Tax						
Other						
Total Funding	\$0	\$410,000	\$0	\$0	\$410,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	410,000	0	0	\$410,000	\$0
Other						
Total Costs	\$0	\$410,000	\$0	\$0	\$410,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

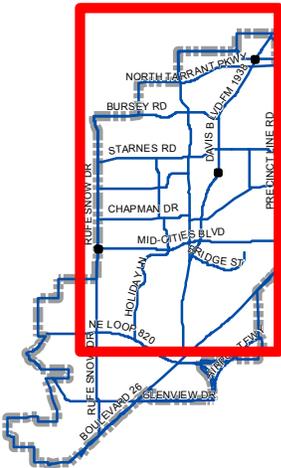
Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Telemetric Water Meter Annual Maintenance (2013)				UT1309	
Project Description						
The Telemetric Water Meter Annual Maintenance Program allows the City to continue replacing some of the transponder units and meters installed 10 years ago. The transponder units transmit meter information to a mobile receive reducing the need for manual reading. Each meter with a transponder costs about \$165 to replace and the City replaces about 2,000 per year.						
Project Justification						
This program allows the City to replace transponder units that were installed at the program's inception in 1992 - 1993. The program includes replacement of meters that are 10 years old or older. 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. The 10 year replacement program is consistent with American Water Works Association (AWWA) studies that show that these types of meters generally begin to "wear out" after 8 to 12 years. In almost all situations, the meters will read too low when they begin to age.						
Funding source is Future Construction Reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$350,000	
Engineering/Design			Total		\$350,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	350,000	0	0	\$350,000	
Sales Tax						
Other						
Total Funding	\$0	\$350,000	\$0	\$0	\$350,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	350,000	0	0	\$350,000	\$0
Total Costs	\$0	\$350,000	\$0	\$0	\$350,000	\$0
Operating Impact						
No Operating Impact is anticipated						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Transmission Water Line Valve Replacements



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 3000'

14 JUN 12 Standard Maps\CIP U_Transmission WL Valve Replacements.mxd

Information Services Department - GIS

Utility Capital Projects						
Department	Project Title				Project Number	
Public Works	Transmission Water Line Valve Replacements				UT1310	
Project Description						
This project will include replacement of four water line valves in the City. The first two valves are located in the center of Mid-Cities Boulevard and Rufe Snow Drive. The third is located at the intersection of Davis Boulevard and Shady Grove Road. The fourth valve is located at Davis Boulevard and Hightower Road. All parts, materials, construction and traffic control for this project will be performed by contracting services.						
Project Justification						
Two 16" inch gate valves in the intersection of Mid-Cities Boulevard and Rufe Snow Drive are broken and inoperable. These valves are broken closed and the water which normally travels from north to south down this 16 inch transmission line must circulate around the valves. This situation restricts the flow rate and circulation down Rufe Snow Drive and decreases pressures in the area. Correction of this problem will improve the department's ability to adjust the pressure plains and improve pressures in the area. The third valve in need of replacement is located at the intersection of Davis Boulevard and Shady Grove Road. This 16" inch valve has seized up and is impossible to operate. The valve is located at a critical cross section running from Shady Grove Elevated Storage Tank and serves as the main distribution line for the northern portion of the City. Replacement of this 16" inch gate valve will enable staff to better isolate this key area of distribution and minimize service interruptions in the event of a water break. The fourth valve in need of replacement is located at the intersection of Davis Boulevard and Hightower Road. This 24" inch valve is broken open and inoperable. With the replacement of this valve staff will be capable of eliminating the need to interrupt water service to several customers in the event of a water main rupture in the area.						
Funding source is Certificates of Obligation Project Savings Reserves.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$150,000	
Engineering/Design			Total		\$150,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	150,000	0	0	\$150,000	\$0
Other						
Total Costs	\$0	\$150,000	\$0	\$0	\$150,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

**PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2012/2013 Adopted Budget**

	<u>Actual 2010/2011</u>	<u>Revised 2011/2012</u>	<u>Adopted 2012/2013</u>	<u>Estimated 2013/2014</u>	<u>Estimated 2014/2015</u>	<u>Estimated 2015/2016</u>	<u>Estimated 2016/2017</u>	<u>Estimated 2017/2018</u>	<u>Estimated 2018/2019</u>	<u>Estimated 2019/2020</u>
<i>REVENUE / OTHER FINANCING SOURCES</i>										
Sales Tax Revenue	\$4,179,388	\$4,283,500	\$4,305,000	\$4,326,525	\$4,369,790	\$4,413,488	\$4,457,623	\$4,502,199	\$4,547,221	\$4,592,693
Interest Income	11,060	7,018	9,671	8,496	9,630	1,794	0	0	0	0
Bond Sales	2,547,251	0	0	0	0	500,000	2,500,000	2,000,000	0	0
Tennis Center Revenue	362,375	334,227	363,400	367,034	370,704	374,411	378,155	381,937	385,756	389,614
Athletic Maintenance Program Revenue	55,976	45,140	43,200	43,632	44,068	44,509	44,954	45,404	45,858	46,316
Miscellaneous Revenue / Other Financing Sources	12,122	64,713	1,200	12,000	12,000	12,000	12,000	12,000	12,000	12,000
Transfer In (NRH20 Landscaping FY2008 on)	64,896	68,141	71,548	75,125	78,882	82,826	86,967	91,315	95,881	100,675
Park Impact Fees	75,419	178,428	50,000	0	0	0	0	0	0	0
Grant Revenue	135,627	0	519,386	1,029,924	0	0	0	0	0	0
Insurance	0	25,000	0	0	0	0	0	0	0	0
Recreation Center Revenue Prior to 4/2012	0	151,636	0	0	0	0	0	0	0	0
NRH Centre Revenue	0	1,583,761	2,289,740	2,381,330	2,476,583	2,575,646	2,678,672	2,785,819	2,897,252	3,013,142
Transfer In (General Fund)	0	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102	487,102
Revenue Sub-Total	\$7,444,114	\$7,228,666	\$8,140,247	\$8,731,168	\$7,848,760	\$8,491,776	\$10,645,474	\$10,305,776	\$8,471,070	\$8,641,543
<i>DEBT SERVICES, ADMINISTRATIVE COSTS, M & O</i>										
Revenue Bond Reserve	\$1,119,401	\$1,109,573	\$420,789							
Debt Service	44,100	357,130	364,343	472,242	453,392	334,330	325,468	311,080	227,980	216,480
Park & Facilities Development	636,781	657,949	672,753	692,936	713,724	735,135	757,189	779,905	803,302	827,401
Indirect Cost	333,453	350,126	367,635	386,017	405,318	425,583	446,863	469,206	492,666	517,299
Park Operations & Special Services ¹	1,714,670	1,902,428	1,871,326	1,946,179	2,024,026	2,104,987	2,189,187	2,276,754	2,367,824	2,462,537
Tennis Center Operation	571,836	603,117	606,376	630,631	655,856	682,091	709,374	737,749	767,259	797,949
Miscellaneous Expenditures / Transfers Out	22,482	37,467	81,194	85,254	89,516	93,992	98,692	103,626	108,808	114,248
Recreation Center Costs Prior to 4/2012	10	442,641	0	0	0	0	0	0	0	0
NRH Centre M & O	0	2,032,592	2,633,060	2,738,382	2,847,918	2,961,834	3,080,308	3,203,520	3,331,661	3,464,927
Reserve for NRH Center Capital Project	0	38,271	143,782	130,049	115,767	100,914	85,466	69,401	52,693	35,316
Reserve for Capital Projects	0	213,117	351,978	0	0	0	0	0	0	0
Expense Sub-total	\$4,442,733	\$7,744,411	\$7,513,236	\$7,081,690	\$7,305,516	\$7,438,867	\$7,692,546	\$7,951,241	\$8,152,193	\$8,436,159
REVENUES LESS DEBT, ADMIN., & OPERATING COSTS	\$3,001,381	(\$515,745)	\$627,011	\$1,649,478	\$543,243	\$1,052,910	\$2,952,927	\$2,354,535	\$318,877	\$205,383
Less: Adopted Park Improvement Expenditures ²	\$929,413	\$2,168,200	\$938,598	\$529,211	\$0	\$0	\$0	\$0	\$0	\$0
Less: New & Future Project Expenditures	\$0	\$0	\$286,000	\$227,000	\$305,000	\$680,000	\$2,715,000	\$2,930,000	\$285,000	\$200,000
Economic Development Allocation (2.5% of 4B Sales Tax)	\$104,485	\$107,088	\$107,625	\$107,625	\$109,245	\$110,337	\$111,441	\$112,555	\$113,681	\$114,817
Estimated Remaining Balance	\$5,304,467	\$2,513,434	\$1,808,222	\$2,593,864	\$2,722,863	\$2,985,435	\$3,111,922	\$2,423,902	\$2,344,098	\$2,234,664

**PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2012/2013 Adopted Budget**

<u>Project Description</u>	<u>Actual 2010/2011</u>	<u>Revised 2011/2012</u>	<u>Adopted 2012/2013</u>	<u>Estimated 2013/2014</u>	<u>Estimated 2014/2015</u>	<u>Estimated 2015/2016</u>	<u>Estimated 2016/2017</u>	<u>Estimated 2017/2018</u>	<u>Estimated 2018/2019</u>	<u>Estimated 2019/2020</u>
<i>PARK DEVELOPMENT & IMPROVEMENTS</i>										
Annual Tree Planting	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Community Garden	56,165	10,000	0	0	0	0	0	0	0	0
Educational and Interpretive Signage	0	0	0	0	0	0	0	0	0	0
Founders and Legacy Recognition	3,843	0	0	0	0	0	0	0	0	0
Fossil Creek Area Revitalization (Trail/ Playground)	0	0	0	0	0	0	0	0	0	0
Grand Avenue Park Plaza	2,875	0	0	0	0	0	0	0	0	0
Liberty Park Lake Phase I & II	39,685	0	0	0	0	0	0	0	0	0
Median & Entry Sign (Mid-Cities & Precinct Line)	0	0	0	0	0	0	0	0	0	0
Park Infrastructure Maintenance	109,125	217,000	0	0	0	0	0	0	0	0
Playground and Bleacher Shade Structures	98,896	0	0	0	0	0	0	0	0	0
Public Art at Grand Avenue	0	0	0	0	0	0	0	0	0	0
Richland Tennis Center Asset Management	32,986	111,300	0	0	0	0	0	0	0	0
Security Cameras	0	0	0	0	0	0	0	0	0	0
Singing Hills Creek Crossing Improvements at Iron Horse	28,678	0	0	0	0	0	0	0	0	0
<i>Total Completed Park Dev & Imp</i>	\$372,253	\$338,300	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>Continuing Projects</i>										
Adventure World Playground	\$0	\$500,000	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Annual Tree Planting 2012	0	35,000	0	0	0	0	0	0	0	0
Fossil Creek Area Revitalization	0	0	0	150,000	0	0	0	0	0	0
Trail Signage and Identification	3,621	0	0	0	0	0	0	0	0	0
<i>Total Continuing Park Dev & Imp</i>	\$3,621	\$535,000	\$40,000	\$150,000	\$0	\$0	\$0	\$0	\$0	\$0
<i>New Projects</i>										
Asset Management - Park Infrastructure (2013)	\$0	\$0	\$146,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Richland Tennis Center Asset Management (2013)	0	0	60,000	0	0	0	0	0	0	0
TUCOR Irrigation System Upgrade	0	0	80,000	0	0	0	0	0	0	0
<i>Total New Park Dev & Imp</i>	\$0	\$0	\$286,000	\$0						
<i>Future Projects</i>										
Asset Management - Park Infrastructure	\$0	\$0	\$0	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000	\$150,000
Asset Management - Richland Tennis Center	0	0	0	77,000	50,000	30,000	30,000	80,000	50,000	50,000
Annual Tree Planting	0	0	0	0	35,000	0	35,000	0	35,000	0
Skateboard Park	0	0	0	0	0	0	0	700,000	50,000	0
Trailhead Gateways	0	0	0	0	70,000	0	0	0	0	0
<i>Total Future Park Dev & Imp</i>	\$0	\$0	\$0	\$227,000	\$305,000	\$180,000	\$215,000	\$930,000	\$285,000	\$200,000
<i>Total Park Dev & Imp</i>	\$375,874	\$873,300	\$326,000	\$377,000	\$305,000	\$180,000	\$215,000	\$930,000	\$285,000	\$200,000

**PARKS AND RECREATION FACILITY DEVELOPMENT REVENUE/COST PROGRAM
FY 2012/2013 Adopted Budget**

<u>Project Description</u>	<u>Actual 2010/2011</u>	<u>Revised 2011/2012</u>	<u>Adopted 2012/2013</u>	<u>Estimated 2013/2014</u>	<u>Estimated 2014/2015</u>	<u>Estimated 2015/2016</u>	<u>Estimated 2016/2017</u>	<u>Estimated 2017/2018</u>	<u>Estimated 2018/2019</u>	<u>Estimated 2019/2020</u>
TRAIL DEVELOPMENT										
<u>Continuing Projects</u>										
Boulevard 26 Multi-use Trail	\$500,567	\$40,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Calloway Branch Trail Development	7,877	420,880	424,091	290,905	0	0	0	0	0	0
Little Bear Creek Trail Development	19,098	834,020	474,507	88,306	0	0	0	0	0	0
Total Continuing Trail Development	\$527,541	\$1,294,900	\$898,598	\$379,211	\$0	\$0	\$0	\$0	\$0	\$0
Total Trail Development	\$527,541	\$1,294,900	\$898,598	\$379,211	\$0	\$0	\$0	\$0	\$0	\$0
ATHLETICS										
<u>Future Projects</u>										
Northfield Park Redevelopment	\$0	\$0	\$0	\$0	\$0	\$500,000	\$2,500,000	\$2,000,000	\$0	\$0
Walker's Creek Park Phase II	0	0	0	0	0	0	0	0	0	0
Total Future Athletics	\$0	\$0	\$0	\$0	\$0	\$500,000	\$2,500,000	\$2,000,000	\$0	\$0
Total Athletics	\$0	\$0	\$0	\$0	\$0	\$500,000	\$2,500,000	\$2,000,000	\$0	\$0
OTHER PROJECTS										
<u>Completed Projects</u>										
Bedford-Eules Road Landscaping	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Conversion to Solar Power for City Entry Signs	1,400	0	0	0	0	0	0	0	0	0
Total Completed Other Improvements	\$1,400	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<u>Continuing Projects</u>										
Davis Boulevard Streetscape	\$24,598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Continuing Other Improvements	\$24,598	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Total Other Projects	\$25,998	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL PROJECT EXPENDITURES	\$929,413	\$2,168,200	\$1,224,598	\$756,211	\$305,000	\$680,000	\$2,715,000	\$2,930,000	\$285,000	\$200,000

NRH

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

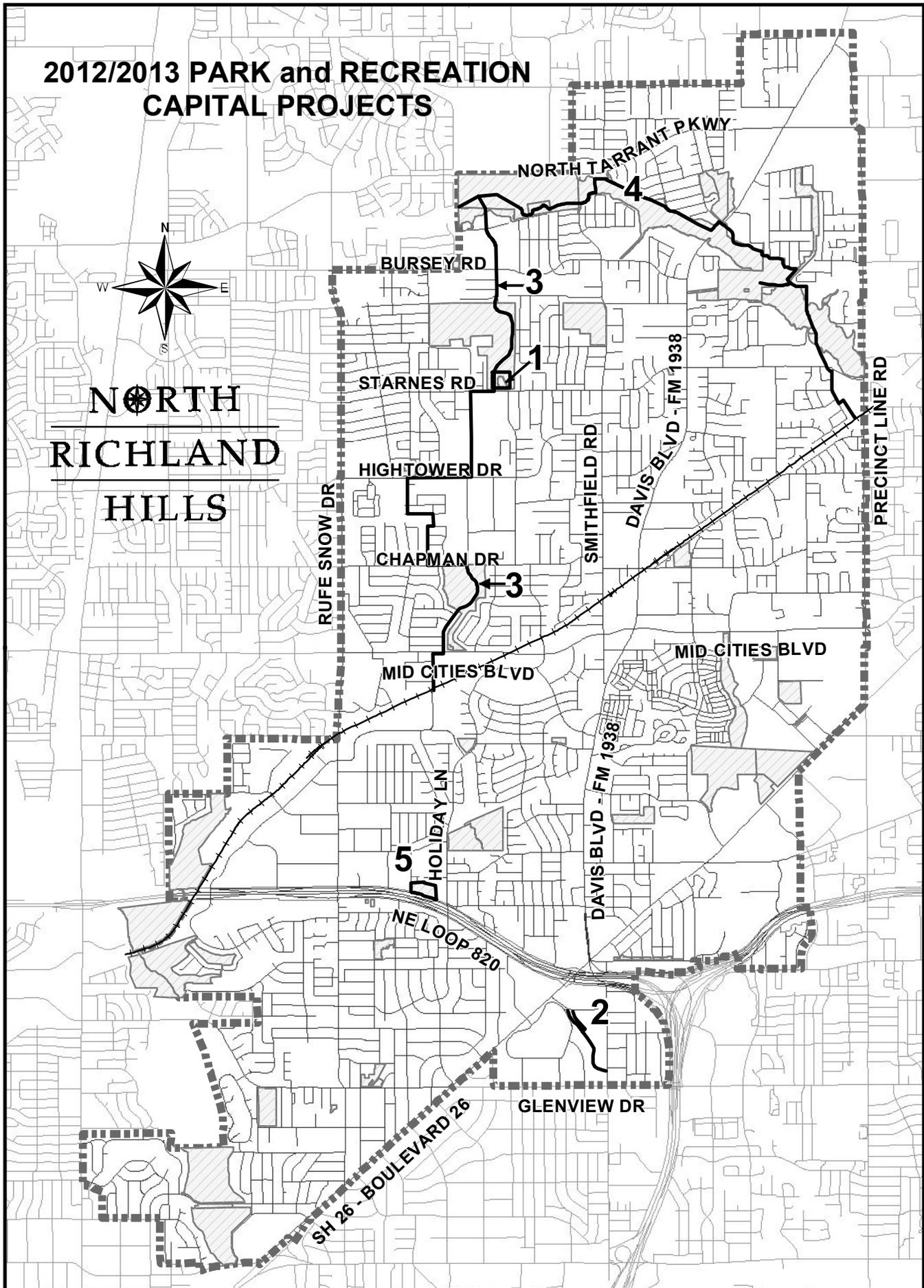
Pg. No.	Map ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>						
Continuing Projects						
152	1	Adventure World Playground Renovation	500,000	40,000	0	0 \$ 540,000
155	-	Annual Tree Planting (2012)	35,000	0	0	0 \$ 35,000
156	2	Boulevard 26 Multi-Use Trail [ISTEA]	769,183	0	0	0 \$ 769,183
158	3	Calloway Branch Trail Development [CMAQ]	794,815	424,091	290,905	0 \$ 1,509,811
160	4	Little Bear Creek Trail Development [ISTEA]	2,013,799	474,507	88,306	0 \$ 2,576,612
162	-	Trail Signage and Identification	55,000	0	0	0 \$ 55,000
Total Continuing Projects			\$ 4,167,797	\$ 938,598	\$ 379,211	\$ 0 \$ 5,485,606
New Projects						
163	-	Parks Infrastructure Maintenance (2013)	0	146,000	0	0 \$ 146,000
164	5	Richland Tennis Center Infrastructure Management (2013)	0	60,000	0	0 \$ 60,000
166	-	TUCOR Irrigation System Upgrade	0	80,000	0	0 \$ 80,000
Total New Projects			\$ 0	\$ 286,000	\$ 0	\$ 0 \$ 286,000
Total Project Costs			\$ 4,167,797	\$ 1,224,598	\$ 379,211	\$ 0 \$ 5,771,606
<u>Funding Sources</u>						
Federal/State Grants						
		ISTEA Grant Funds	2,581,088	519,386	0	0 3,100,474
Total Federal/State Grants			\$ 2,581,088	\$ 519,386	\$ 0	\$ 0 \$ 3,100,474
Sales Tax						
		Park Sales Tax	1,586,709	705,212	379,211	0 2,671,132
Total Sales Tax			\$ 1,586,709	\$ 705,212	\$ 379,211	\$ 0 \$ 2,671,132
Total Sources of Funds			\$ 4,167,797	\$ 1,224,598	\$ 379,211	\$ 0 \$ 5,771,606

NRH

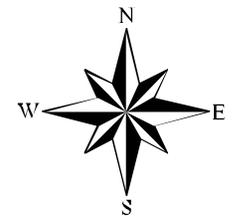
2012/2013 PARK and RECREATION CAPITAL PROJECTS



NORTH RICHLAND HILLS

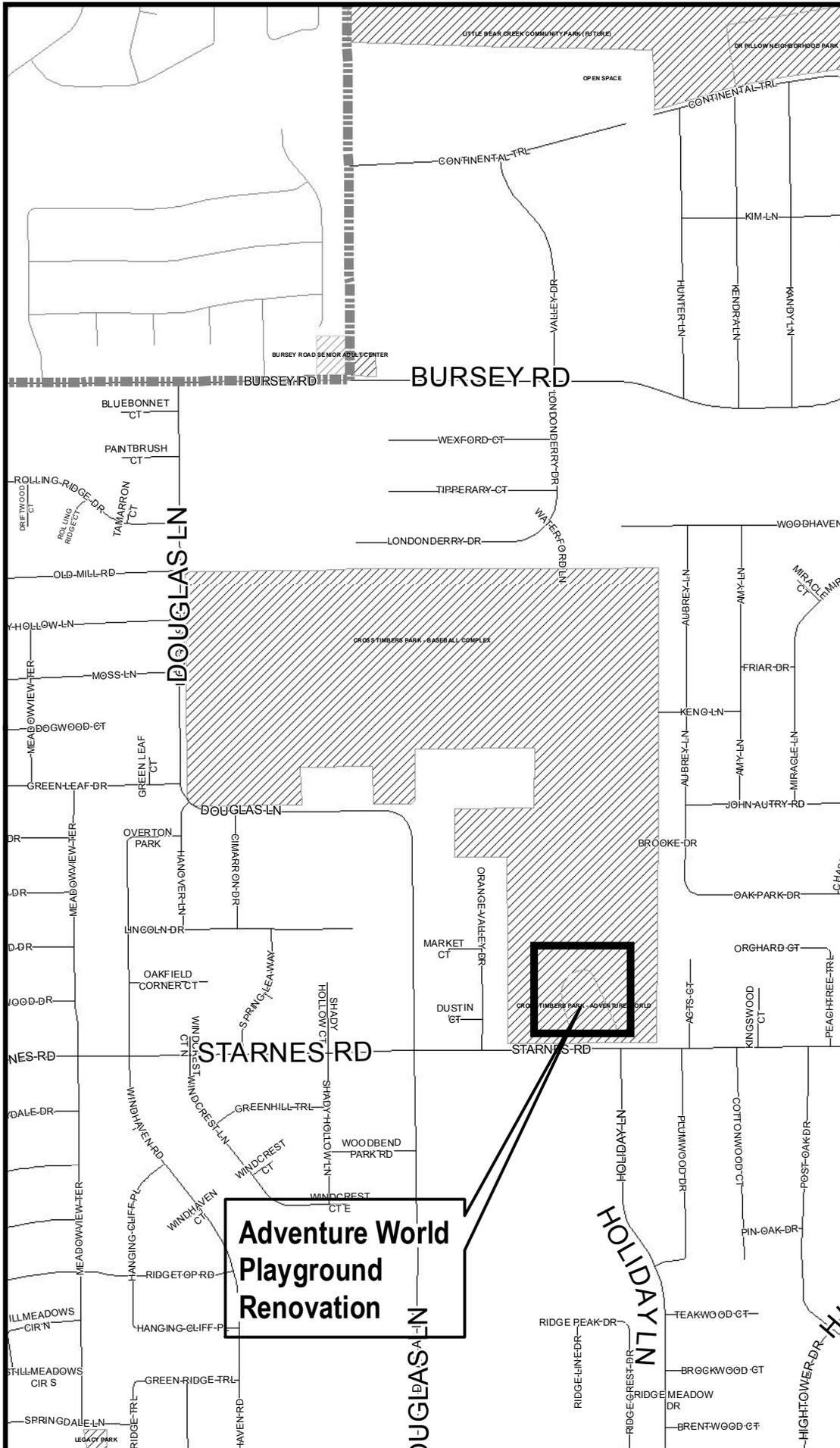
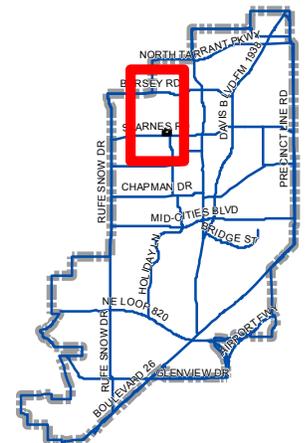


Adventure World Playground Renovation



NORTH RICHLAND HILLS

Project Locator Map



Scale: 1" = 800'

25 MAY 12 Standard Maps\CIP_P_Adventure World Playgrd Renovation.mxd

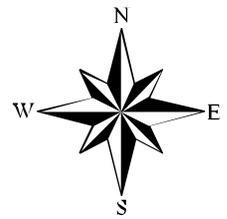
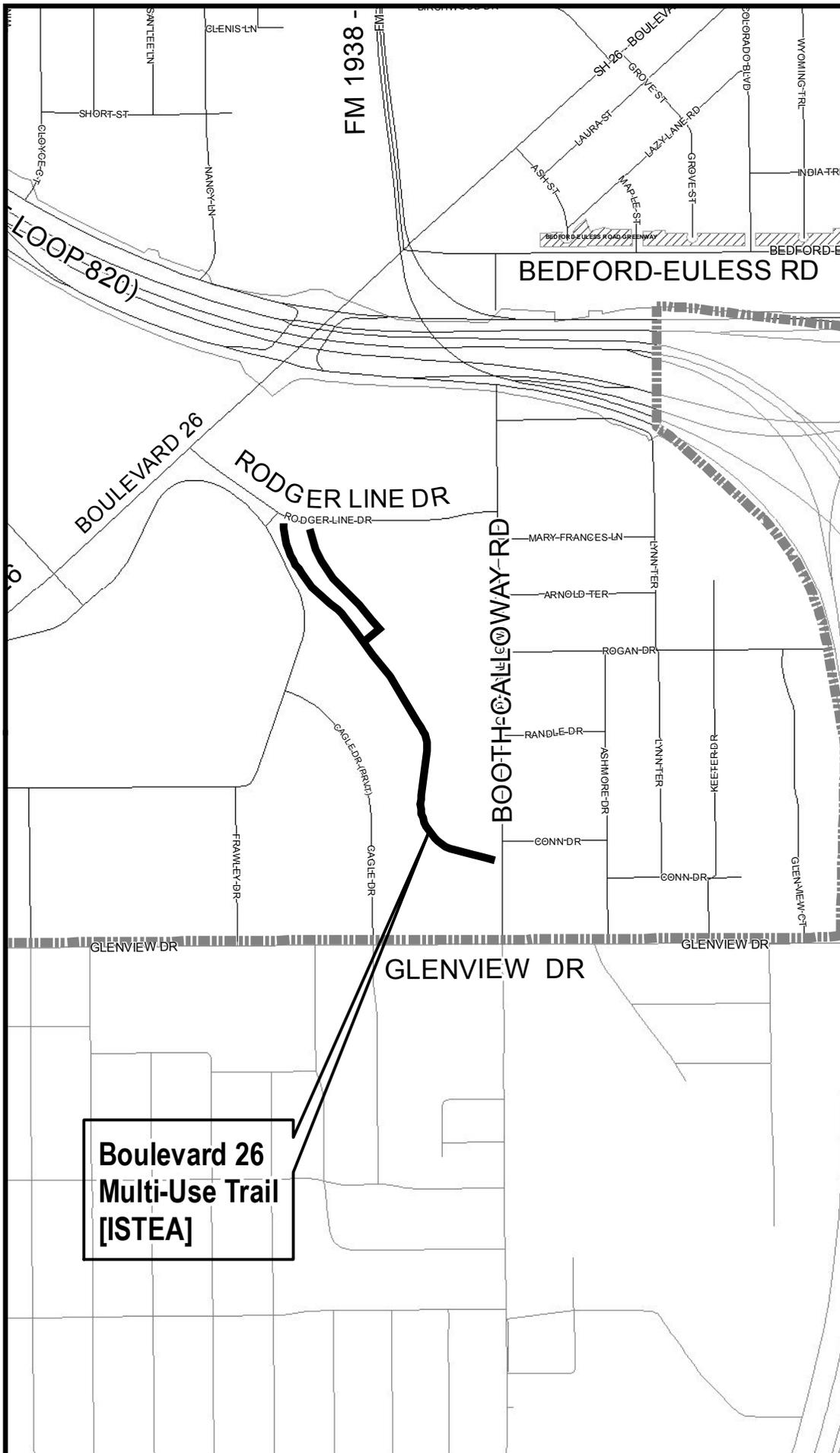
Information Services Department - GIS

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Adventure World Playground Renovation				PK1201	
Project Description						
This project will provide for a major renovation of Adventure World Playground. Major drainage improvements are being planned in and around the playground in addition to the complete replacement of the largest play area and a greater percentage of fully 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. Sidewalks in and around the playground will be replaced to assure compliance with ADA.						
Project Justification						
The importance of quality playgrounds that are readily accessible by all levels of play activity are increasingly more important as a renewed trend in the Parks and Recreation industry. The Adventure World Playground was built as a part of a community-build effort in May of 1994. The playground is situated directly across from Northridge Elementary School and has seen substantial, active play throughout the years.						
The playground, now seventeen years old is situated next to a rolling hillside in Cross Timber's Park. Active rain storms over the years have caused significant gully erosion throughout the entire playground and have displaced hundreds of yards of fallsafe material over the past several years. Additionally, due to heavy use and age, the playground has become out dated for continued use into the future. This project will serve to provide a safe, accessible and high quality play experience for our citizens to enjoy for years to come. This project is recognized as a high priority on the Parks, Recreation and Open Space Master Plan and the Parks Infrastructure Asset Management Plan.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	04/2012	06/2013	Original Budget	2011-12	\$500,000	
Engineering/Design			Adopted Budget	2012-13	\$40,000	
Land/ROW Acquisition			Total		\$540,000	
Construction	08/2013	02/2014				
Other						
Total Schedule	04/2012	02/2014				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	500,000	40,000	0	0	\$540,000	
Other						
Total Funding	\$500,000	\$40,000	\$0	\$0	\$540,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services	52,100	0	0	0	\$52,100	\$52,100
Engineering/Design						
Land/ROW Acquisition						
Construction	447,900	40,000	0	0	\$487,900	\$0
Other						
Total Costs	\$500,000	\$40,000	\$0	\$0	\$540,000	\$52,100
Operating Impact						
No operating impact anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

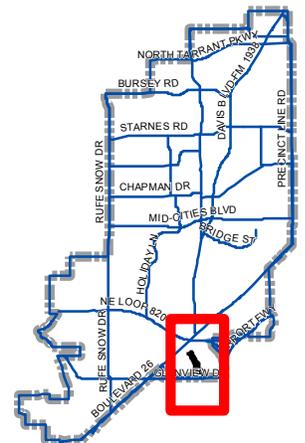
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Annual Tree Planting (2012)				PK1202	
Project Description						
This project provides for the introduction of trees into the urban forest and replacement of trees that have died at various locations throughout the City. The project involves the installation of 3" to 4" caliper, drought tolerant, native or adapted trees. Parks to receive trees have been identified as Cross Timbers Park, Bedford Euleess Greenway, Dr. Pillow Park, Green Valley Park, Linda Spurlock Park, Norich Park, Tipps Canine Park, Tommy and Sue Brown Park, Walker's Creek Park and Iron Horse Median.						
Project Justification						
Trees provide for improved quality of life, enhancing visual experience, providing micro-climate control, and offering animal habitat and food supply. This project allows for the introduction of approximately 85 trees into our urban forest for the first time in two years.						
The urban forest is under constant stress due to drought, excessive moisture, heat, cold, insects and the natural aging process of trees. The introduction of trees under this program works to replace trees that have been lost by natural stresses and trees lost through various construction projects throughout the City.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$35,000	
Engineering/Design			Total		\$35,000	
Land/ROW Acquisition						
Construction	10/2011	09/2013				
Other						
Total Schedule	10/2011	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	35,000	0	0	0	\$35,000	
Other						
Total Funding	\$35,000	\$0	\$0	\$0	\$35,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	35,000	0	0	0	\$35,000	\$0
Other						
Total Costs	\$35,000	\$0	\$0	\$0	\$35,000	\$0
Operating Impact						
No operating impact anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Boulevard 26 Multi-Use Trail [ISTEA]



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

Department	Project Title	Project Number
Parks and Recreation	Boulevard 26 Multi-Use Trail [ISTEA]	PK9702

Project Description
 This project provides for the design and construction of a 10-foot wide multi-use trail along the drainage corridor between the former North Hills Mall and North Hills Hospital. The trail will provide for pedestrian linkages between the hospital and the proposed office and retail development. The project includes trail access from Rodger Line Drive to the north and Booth Calloway to the south. Although originally funded through an Intermodal Surface Transportation Enhancement (ISTEA) grant, ARRA funding has been received to complete the project.

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 Boulevard 26 Multi-Use Trail will provide much needed open space and trail access to the southern part of the City with terminus points at Rodger Line Drive and Booth Calloway, and it will provide access to the hospital, the nearby assisted living center and future Calloway Creek development. The City's share of construction represents 20% of the total project cost, with 80% of the total cost provided by TxDOT. The City initially incurs the project expenses and formally requests reimbursement from TxDOT for their portion of the project cost.

Note: The Letter of Map Revision is required by FEMA once the project is completed. Cost will be paid with FY2011-12 funding.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services	10/2011	12/2012	Original Budget	1997-98	\$594,144
Engineering/Design	08/1998	05/2008	Revision	2005-06	\$80,000
Land/ROW Acquisition			Revision	2006-07	\$36,039
Construction	07/2010	03/2011	Revision	2009-10	\$19,000
Other			Revision	2011-12	\$40,000
Total Schedule	08/1998	12/2012	Total		\$769,183

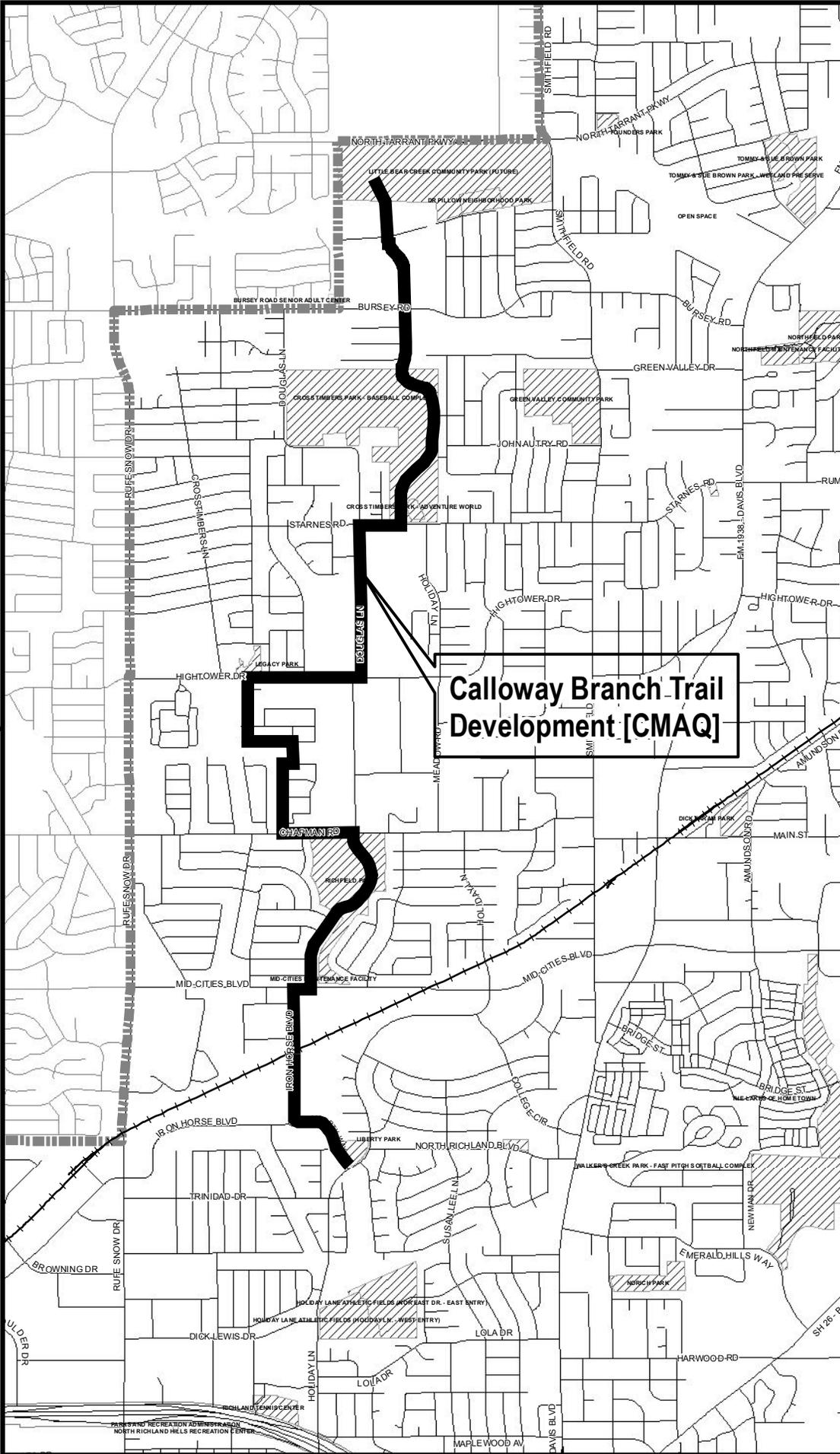
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	471,354	0	0	0	\$471,354
Reserves					
Sales Tax	297,829	0	0	0	\$297,829
Other					
Total Funding	\$769,183	\$0	\$0	\$0	\$769,183

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost
Professional Services	40,000	0	0	0	\$40,000
Engineering/Design	179,971	0	0	0	\$179,971
Land/ROW Acquisition					
Construction	549,212	0	0	0	\$549,212
Other					
Total Costs	\$769,183	\$0	\$0	\$0	\$769,183

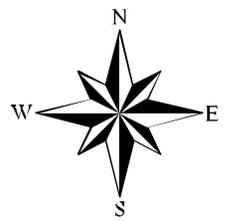
Operating Impact
 Budget impact is calculated from man-hour expenditure, material and supply costs and electrical use based on average annual costs per acre for a trail.

Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$5,200	\$5,408	\$5,616	\$5,841	\$0	\$22,065
Total Operating Impact	\$5,200	\$5,408	\$5,616	\$5,841	\$0	\$22,065

Calloway Branch Trail Development [CMAQ]

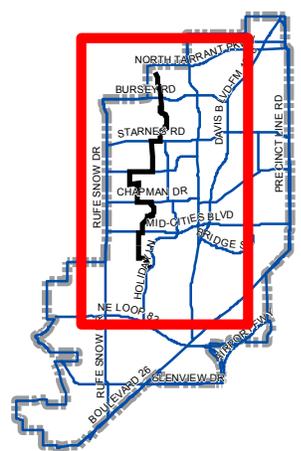


Calloway Branch Trail Development [CMAQ]



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

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

Project Description

This project provides for the design and construction of a 4 mile on-road/off-road multi-purpose concrete trail along the Calloway Branch Drainage Corridor from the North Electric Trail to the Little Bear Creek Trail. This trail has terminus points at the North Electric Trail east of Holiday Lane and at the future Little Bear Creek Trail within the Little Bear Creek Community Park site. Connections are provided to Liberty Park, Richfield Park, the Cottonbelt Trail, and Cross Timbers Park. The project, and associated timeline, is being implemented concurrently with the Little Bear Creek 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 Little Bear Creek Trail, Cottonbelt Trail, Walker's Creek Trail, and the North Electric 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 budget is being increased by \$581,811 to cover these costs.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Original Budget	1996-97	\$928,000
Engineering/Design	04/1996	09/2012	Adopted Budget	2012-13	\$581,811
Land/ROW Acquisition			Total		\$1,509,811
Construction	02/2013	02/2014			
Other					
Total Schedule	04/1996	02/2014			

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	599,935	133,185	0	0	\$733,120
Reserves					
Sales Tax	194,880	290,906	290,905	0	\$776,691
Other					
Total Funding	\$794,815	\$424,091	\$290,905	\$0	\$1,509,811

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	271,652	0	0	0	\$271,652	\$271,652
Land/ROW Acquisition						
Construction	523,163	424,091	290,905	0	\$1,238,159	\$0
Other						
Total Costs	\$794,815	\$424,091	\$290,905	\$0	\$1,509,811	\$271,652

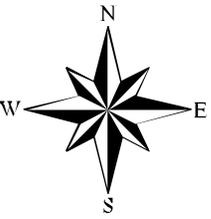
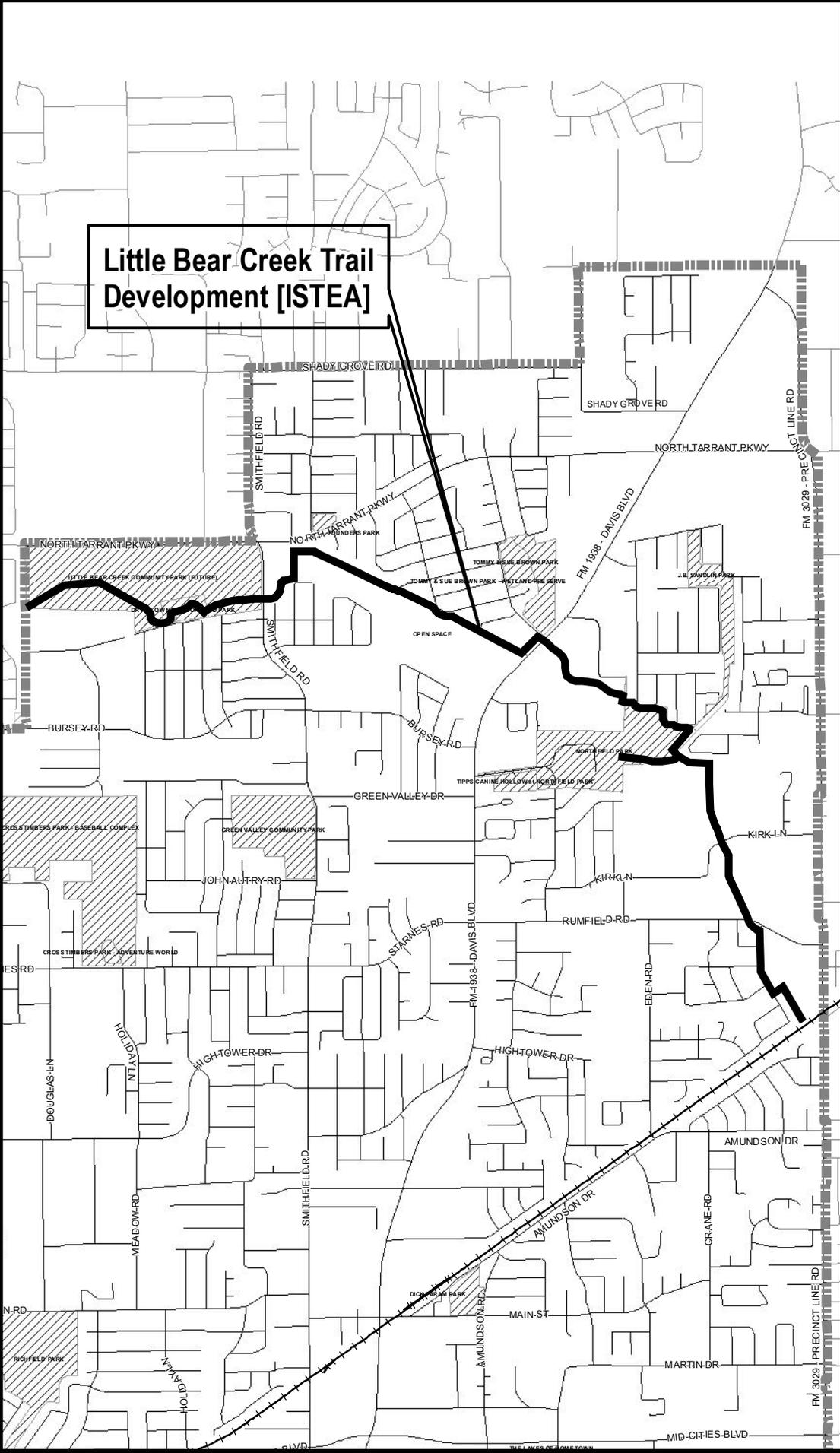
Operating Impact

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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$4,686	\$4,873	\$5,068	\$0	\$14,627
Total Operating Impact	\$0	\$4,686	\$4,873	\$5,068	\$0	\$14,627

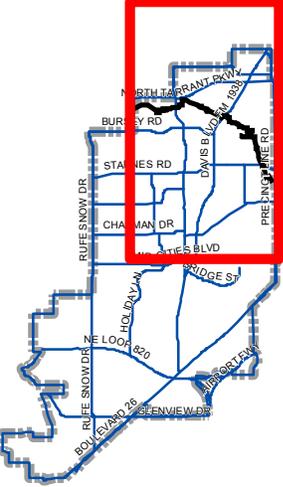
Little Bear Creek Trail Development [ISTEA]

Little Bear Creek Trail Development [ISTEA]



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects

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

Project Description

This project provides for land acquisition, design, and construction of 3 miles of multi-use trail along Little Bear Creek. The project has terminus points at Precinct Line and the Cottonbelt 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 are being assembled as subdivision development along the corridor has occurred since the project was originally initiated. New opportunities for acquiring the remaining right-of-way have been generated by partnering with the proposed gas pipeline companies.

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 Little Bear Creek 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 Cottonbelt Trail and Calloway Branch Trail, with connection to trail systems in both the City of Keller and the City of Hurst. The Little Bear Creek 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: 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 two additional bridges and two additional low water crossings and increased TxDOT administration charges have increased the opinion of probable cost. Therefore the budget is being increased by \$176,612 to cover these costs.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Original Budget	1995-96	\$2,400,000
Engineering/Design	04/1996	09/2012	Adopted Budget	2012-13	\$176,612
Land/ROW Acquisition			Total		\$2,576,612
Construction	02/2013	02/2014			
Other					
Total Schedule	04/1996	02/2014			

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants	1,509,799	386,201	0	0	\$1,896,000
Reserves					
Sales Tax	504,000	88,306	88,306	0	\$680,612
Other					
Total Funding	\$2,013,799	\$474,507	\$88,306	\$0	\$2,576,612

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design	484,613	0	0	0	\$484,613	\$484,612
Land/ROW Acquisition	7,000	0	0	0	\$7,000	\$0
Construction	1,522,186	474,507	88,306	0	\$2,084,999	\$0
Other						
Total Costs	\$2,013,799	\$474,507	\$88,306	\$0	\$2,576,612	\$484,612

Operating Impact

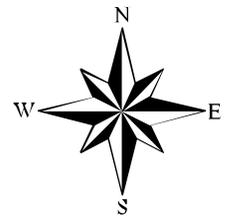
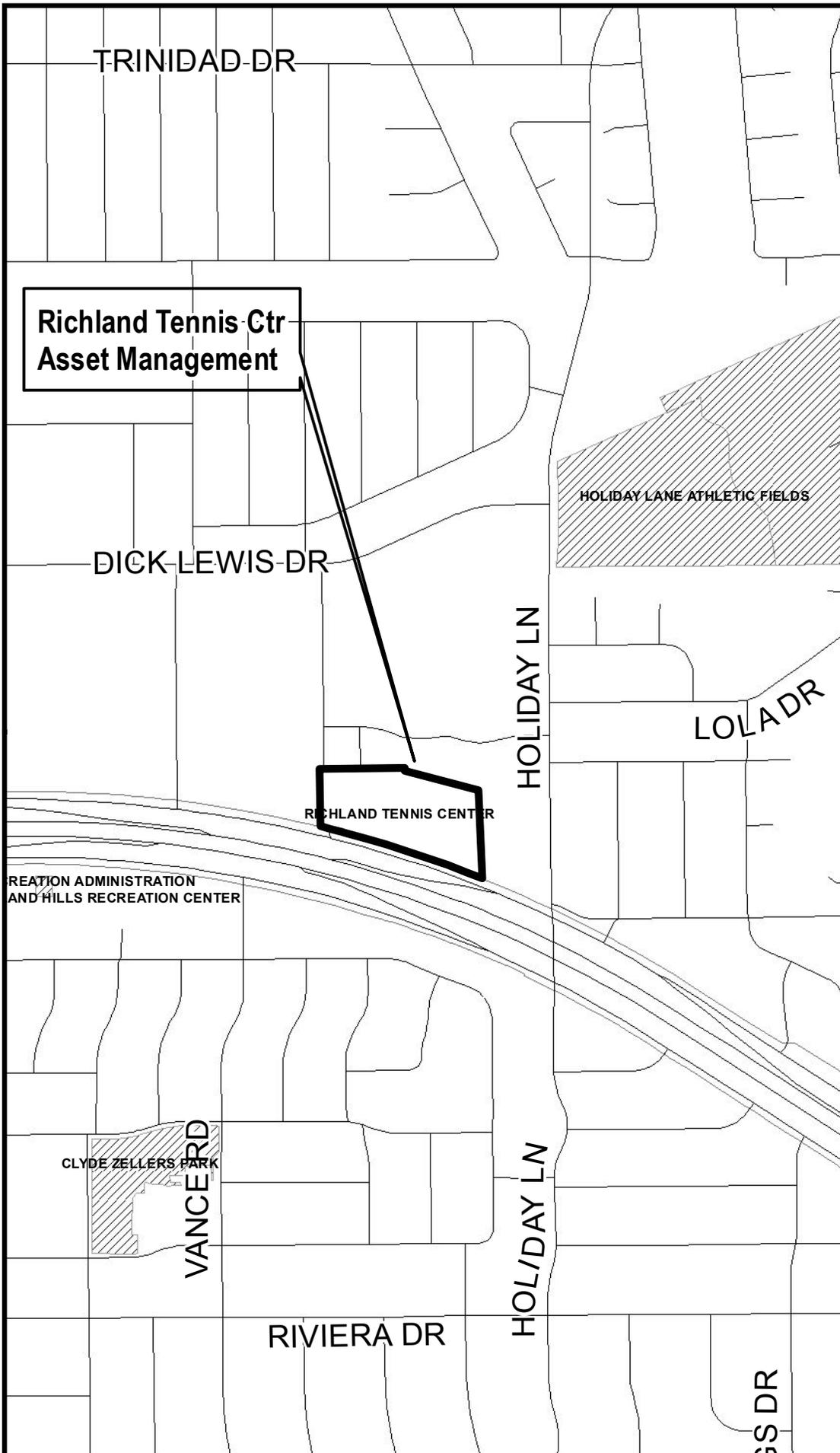
Budget impact is calculated from man-hour expenditure, material and supply costs and electrical use based on average annual costs per acre for a trail. The annual cost for this trail facility, comprising 30 acres, is \$1,388 per acre.

Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$37,532	\$46,839	\$48,713	\$50,662	\$183,746
Total Operating Impact	\$0	\$37,532	\$46,839	\$48,713	\$50,662	\$183,746

Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Trail Signage and Identification				PK0908	
Project Description						
This project provides for the design and installation of identification and information signs to be introduced along the 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 Justification						
The 2007 Parks, Recreation and Open Space Master Plan identifies trail-heads and gateways as one of the top seven priorities of Park Renovation and Improvement. The proposed signage will help orient trail users, will signify the location of trails at major street crossings and will provide information to trail users about the City-wide trail network. Other benefits include educating trail users and the community about the inter-connected network of community open space, trails, parks and recreational facilities. FY2008/2009 improvements provided for identification and location signage along Walker's Creek Trail and North Electric Trail. FY2009/2010 improvements include signage along the Cottonbelt Trail.						
FY- 2012-2013 Improvements provide for signs along the Calloway Branch and John Barfield Hike and Bike Trails. The work will include "you are here" signs, informational and recognition signs and 1/4 mile markers for each trail.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$45,000	
Engineering/Design	11/2008	02/2011	Adopted Budget	2010-11	\$10,000	
Land/ROW Acquisition			Total		\$55,000	
Construction	04/2009	03/2014				
Other						
Total Schedule	11/2008	03/2014				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	55,000	0	0	0	\$55,000	
Other						
Total Funding	\$55,000	\$0	\$0	\$0	\$55,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	55,000	0	0	0	\$55,000	
Other						
Total Costs	\$55,000	\$0	\$0	\$0	\$55,000	
Operating Impact						
Budget impact is calculated from man-hour expenditure and material and supply costs per sign. The annual cost for per sign is \$36.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$599	\$623	\$648	\$674	\$701	\$3,245
Total Operating Impact	\$599	\$623	\$648	\$674	\$701	\$3,245

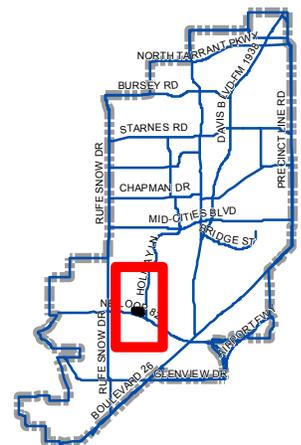
Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Parks Infrastructure Maintenance (2013)				PK1302	
Project Description						
This project provides for maintenance of park infrastructure in response to use and age. The Parks and Recreation Department 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 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 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 on going 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.						
Funding source is Parks Sales Tax.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$146,000	
Engineering/Design			Total		\$146,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	0	146,000	0	0	\$146,000	
Other						
Total Funding	\$0	\$146,000	\$0	\$0	\$146,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	146,000	0	0	\$146,000	\$0
Other						
Total Costs	\$0	\$146,000	\$0	\$0	\$146,000	\$0
Operating Impact						
There is not an operating impact from this project.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Richland Tennis Center Asset Management (2013)



NORTH RICHLAND HILLS

Project Locator Map



Parks & Recreation Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	Richland Tennis Center Infrastructure Management (2013)				PK1303	
Project Description						
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 Justification						
Due to the age of the facility and the heavy use experienced on a daily basis, the plumbing fixtures throughout the facility are worn and becoming inoperable. This is the first time replacement of these fixtures is needed to provide patrons with operable and efficient systems throughout the restroom and shower facilities. The slat-wall, in the lobby, is a specialized wall system that allows for merchandise to be showcased by suspending brackets from the areas between slats. The existing slat-wall has begun to delaminate and deteriorate and needs to be replaced.						
Funding source is Parks Sales Tax.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$60,000	
Engineering/Design			Total		\$60,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	0	60,000	0	0	\$60,000	
Other						
Total Funding	\$0	\$60,000	\$0	\$0	\$60,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	60,000	0	0	\$60,000	\$0
Other						
Total Costs	\$0	\$60,000	\$0	\$0	\$60,000	\$0
Operating Impact						
There is not an operating impact from this project.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	TUCOR Irrigation System Upgrade				PK1306	
Project Description						
This project provides for the replacement and upgrade of twenty-two TUCOR irrigation controllers and communication components at park and municipal sites along with the installation of a weather station in the southern section of North Richland Hills that will gather data for use with the controllers.						
Project Justification						
Recent drought conditions and the increased awareness for water conservation, especially in landscape irrigation settings, has heightened the need to control irrigation water use in the parks and on public properties. The replacement and upgrade of TUCOR irrigation controllers (some as old as fourteen years) in the parks and public sites in conjunction with weather data from the weather station, will allow for more efficient landscape irrigation. This system uses evapo-transpiration rates, the rate of water loss due to evaporation of water from the soil and the transpiration of water from plants to deliver irrigation water at a specific rate. The new controller, upgraded to allow for quicker access and monitoring via internet connections, will receive daily evapo-transpiration information from the weather station and make adjustments to increase or decrease irrigation rates, all without the need for manual changes by staff. Additionally, the replacement of the old analog system to an internet system will eliminate the existing long distance charges. This system will allow for the expanded opportunity for other municipal users, such as the Fire Department, to access the system electronically. Data from these types of weather stations are showing water savings in the 30% plus range. It is estimated that approximately 127,322,174 gallons of water may be saved each year as a result of the new system.						
Funding source is Parks Sales Tax.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$80,000	
Engineering/Design			Total		\$80,000	
Land/ROW Acquisition						
Construction	10/2012	09/2013				
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax	0	80,000	0	0	\$80,000	
Other						
Total Funding	\$0	\$80,000	\$0	\$0	\$80,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	80,000	0	0	\$80,000	\$0
Other						
Total Costs	\$0	\$80,000	\$0	\$0	\$80,000	\$0
Operating Impact						
The operating impact is based upon an approximate savings of 30% in annual water reduction and the elimination of long distance phone charges.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	(\$69,000)	(\$104,000)	(\$104,000)	(\$104,000)	(\$104,000)	(\$485,000)
Total Operating Impact	(\$69,000)	(\$104,000)	(\$104,000)	(\$104,000)	(\$104,000)	(\$485,000)

**NRH₂O FAMILY WATERPARK CAPITAL IMPROVEMENT PROGRAM
FY 2012/2013 Adopted Budget**

Revenue Source/Expense Cost Center	2010/2011 Actual	2011/2012 Revised	2012/2013 Adopted	2013/2014 Projected	2014/2015 Projected	2015/2016 Projected	2016/2017 Projected	2017/2018 Projected	2018/2019 Projected	2019/2020 Projected	2020/2021 Projected	2021/2022 Projected
<i>PARK ATTENDANCE</i>	274,000	265,000	265,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000	270,000
<i>OPERATING REVENUES</i>	12.38%			3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%	3.50%
Park Revenue	\$4,571,597	\$4,612,179	\$4,691,919	\$4,856,136	\$5,026,101	\$5,202,015	\$5,384,086	\$5,572,529	\$5,767,568	\$5,969,433	\$6,178,363	\$6,394,606
Interest Income	34,008	25,687	26,078	127,387	196,982	230,565	266,201	304,539	345,518	393,541	444,257	497,904
Library Concessions	16,301	0	0	0	0	0	0	0	0	0	0	0
Donations	0	16,300	16,300	0	0	0	0	0	0	0	0	0
Total Operating Revenue	\$4,621,906	\$4,654,166	\$4,734,297	\$4,983,523	\$5,223,083	\$5,432,580	\$5,650,287	\$5,877,068	\$6,113,086	\$6,362,974	\$6,622,620	\$6,892,510
<i>OPERATING EXPENSES</i>												
Park Operating Expenses	\$2,904,625	\$3,396,602	\$2,894,192	\$3,031,666	\$3,175,671	\$3,326,515	\$3,484,524	\$3,650,039	\$3,823,416	\$4,005,028	\$4,195,267	\$4,394,542
Depreciation	710,379	735,379	760,379	785,379	810,379	835,379	860,379	885,379	910,379	935,379	960,379	985,379
Indirect Costs	124,343	130,560	130,560	137,088	143,942	151,139	158,696	166,631	174,963	183,711	192,897	202,542
Library Concessions	25,590	0	0	0	0	0	0	0	0	0	0	0
Other Expenses	28,371	31,091	31,091	29,719	25,753	21,589	17,217	12,626	7,806	2,745	(2,569)	(8,149)
Interest Expense (Debt Service)	172,075	294,934	849,934	279,070	244,965	255,180	234,496	212,837	192,414	174,412	156,416	138,364
Transfers to Other Funds (FY 2008 on - Landscaping)	64,896	68,141	68,141	71,548	75,125	78,881	82,825	86,966	91,314	95,880	100,674	105,708
Loss (gain) on disposal of capital assets	0	0	0	0	0	0	0	0	0	0	0	0
Total Operating Expenses	\$4,030,279	\$4,656,707	\$4,734,297	\$4,334,470	\$4,475,835	\$4,668,683	\$4,838,137	\$5,014,478	\$5,200,292	\$5,397,155	\$5,603,064	\$5,818,386
<i>CASH FLOW ADJUSTMENTS</i>												
Change in Net Assets	\$591,627	(\$2,541)	\$0	\$649,053	\$747,248	\$763,897	\$812,150	\$862,590	\$912,794	\$965,819	\$1,019,556	\$1,074,124
Depreciation	710,379	735,379	760,379	785,379	810,379	835,379	860,379	885,379	910,379	935,379	960,379	985,379
Net Interest & Dividends Received & Operating Income (loss)	0	0	0	0	0	0	0	0	0	0	0	0
Bond & C.O. Sales	2,070,000	0	0	750,000	750,000	0	0	0	0	0	0	0
Debt Service (Principal Payments)	(288,849)	(555,000)	(790,864)	(636,852)	(598,124)	(581,082)	(577,159)	(577,159)	(451,082)	(452,159)	(447,159)	(448,236)
Loss (gain) on disposal of capital assets	0	0	0	0	0	0	0	0	0	0	0	0
Total Park Improvements / Acquisition of Capital Assets	(1,750,421)	(362,151)	(452,000)	(750,000)	(750,000)	0	0	0	0	0	0	0
Net Increase / (Decrease) in Cash & Cash Equivalents	\$1,332,736	(\$184,313)	(\$482,485)	\$797,580	\$959,503	\$1,018,194	\$1,095,370	\$1,170,810	\$1,372,091	\$1,449,039	\$1,532,776	\$1,611,267
Cash & Cash Equivalents at Beginning of Year	\$4,164,540	\$5,497,276	\$5,312,963	\$4,830,478	\$5,628,058	\$6,587,561	\$7,605,755	\$8,701,125	\$9,871,935	\$11,244,026	\$12,693,065	\$14,225,841
Cash & Cash Equivalents at End of Year	\$5,497,276	\$5,312,963	\$4,830,478	\$5,628,058	\$6,587,561	\$7,605,755	\$8,701,125	\$9,871,935	\$11,244,026	\$12,693,065	\$14,225,841	\$15,837,108
<i>YEAR END RESERVES AND CASH BALANCES</i>												
Cash & Cash Equivalents Ending Balance	\$5,497,276	\$5,312,963	\$4,830,478	\$5,628,058	\$6,587,561	\$7,605,755	\$8,701,125	\$9,871,935	\$11,244,026	\$12,693,065	\$14,225,841	\$15,837,108
General/Wrkr's Comp. Insurance Reserve Ending Balance	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)	(850,000)
Debt Service Reserve Ending Balance	(509,711)	(494,919)	(467,677)	(446,332)	(426,495)	(404,928)	(382,332)	(358,352)	(340,530)	(321,461)	(301,310)	(279,364)
Other Restricted Cash - Prior Year Project Allocations	0	0	0	0	0	0	0	0	0	0	0	0
Aquatic Park Expansion Reserved for Future Projects	0	0	0	0	0	0	0	0	0	0	0	0
Aquatic Park Cash Reserved for Current Liabilites	0	0	0	0	0	0	0	0	0	0	0	0
Aquatic Park Infrastructure Reserve Ending Balance	(4,137,565)	(3,968,045)	(3,512,801)	(4,331,726)	(5,311,067)	(6,350,827)	(7,468,793)	(8,663,583)	(10,053,496)	(11,521,604)	(13,074,531)	(14,707,744)
Unrestricted Cash & Cash Equivalents at End of Year	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0

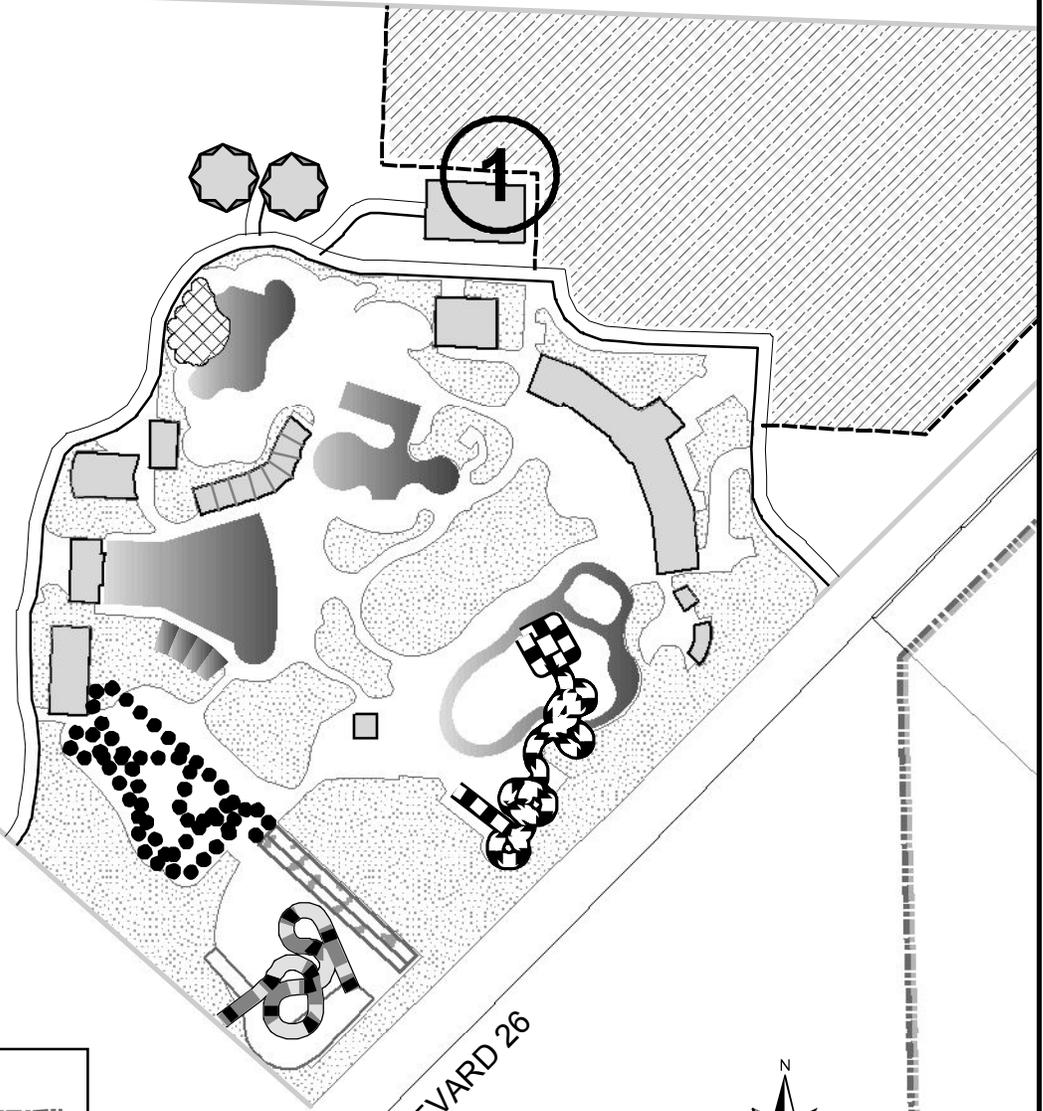
NRH₂O FAMILY WATERPARK CAPITAL IMPROVEMENT PROGRAM
FY 2012/2013 Adopted Budget

<u>Project Description</u>	<u>2010/2011 Actual</u>	<u>2011/2012 Revised</u>	<u>2012/2013 Adopted</u>	<u>2013/2014 Estimated</u>	<u>2014/2015 Estimated</u>	<u>2015/2016 Estimated</u>	<u>2016/2017 Estimated</u>	<u>2017/2018 Estimated</u>	<u>2018/2019 Estimated</u>	<u>2019/2020 Estimated</u>	<u>2020/2021 Estimated</u>	<u>2021/2022 Estimated</u>
<i>ATTRACTION DEVELOPMENT / IMPROVEMENTS</i>												
Phase IV Attraction based on Master Plan	\$1,618,831	\$272,151	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Aqua Quest	0	0	0	750,000	750,000	0	0	0	0	0	0	0
<i>Total Attraction Development</i>	\$1,618,831	\$272,151	\$0	\$750,000	\$750,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<i>DEVELOPMENT / IMPROVEMENTS OTHER THAN ATTRACTIONS</i>												
NRH2O General Facility Improvements	\$101,065	\$90,000	\$72,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Strategic Plan - Third Phase Attraction	3,000	0	0	0	0	0	0	0	0	0	0	0
Food Service Building	27,524	0	0	0	0	0	0	0	0	0	0	0
Concrete Revitalization	0	0	150,000	0	0	0	0	0	0	0	0	0
Long Term Development Plan	0	0	100,000	0	0	0	0	0	0	0	0	0
Catering Building Roof Repair	0	0	55,000	0	0	0	0	0	0	0	0	0
Security and Nighttime Operation Light Replacement	0	0	75,000	0	0	0	0	0	0	0	0	0
<i>Total Development Other Than Attractions</i>	\$131,589	\$90,000	\$452,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
TOTAL IMPROVEMENTS	\$1,750,421	\$362,151	\$452,000	\$750,000	\$750,000	\$0						

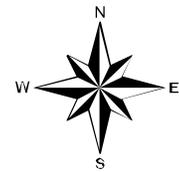
Schedule 5 Aquatic Park Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>					
New Projects					
171 - Concrete Revitalization	0	150,000	0	0	\$ 150,000
172 - General Facility Improvements – 2013	0	72,000	0	0	\$ 72,000
173 - Long Term Development Plan	0	100,000	0	0	\$ 100,000
174 - Repair of Catering Building Roof Structure	0	55,000	0	0	\$ 55,000
175 - Security and Nighttime Operation Light Replacement	0	75,000	0	0	\$ 75,000
Total New Projects	\$ 0	\$ 452,000	\$ 0	\$ 0	\$ 452,000
Total Project Costs	\$ 0	\$ 452,000	\$ 0	\$ 0	\$ 452,000
<u>Funding Sources</u>					
Reserves					
Aquatic Park Infrastructure Reserve	0	352,000	0	0	352,000
Future Construction Funds	0	59,409	0	0	59,409
Unspecified Project Savings	0	27,583	0	0	27,583
Certificates of Obligation Project Savings	0	13,008	0	0	13,008
Total Reserves	\$ 0	\$ 452,000	\$ 0	\$ 0	\$ 452,000
Total Sources of Funds	\$ 0	\$ 452,000	\$ 0	\$ 0	\$ 452,000

2012/2013 AQUATIC PARK CAPITAL PROJECTS

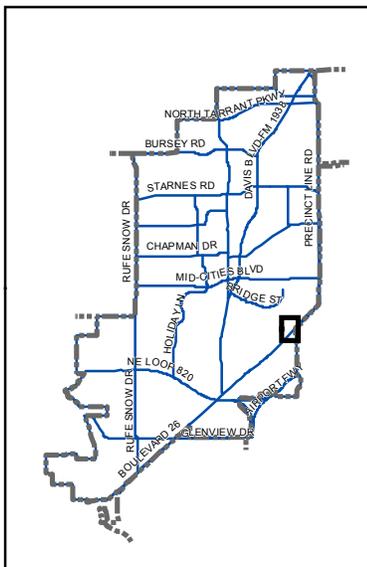


SH 26 - BOULEVARD 26



NORTH
RICHLAND
HILLS

Not to Scale



Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	Concrete Revitalization				WP1302	
Project Description						
This project includes the removal and replacement of old and deteriorating concrete, walkways and decking located throughout the park. The project has been split into three zones :						
Zone 1 – Wave Pool area – \$55,000						
Zone 2 – Endless River and Tube Slide area – \$55,000						
Zone 3 – Miscellaneous (Swimming Hole, Main Walkways, Entry Courtyard) – \$40,000						
Project Justification						
The existing concrete located throughout the park has been in place since 1995. The age of the facility, along with shrinkage and expansion of the soil substrate, has contributed to the concrete failing in numerous areas. Staff continues to replace smaller sections and patch as temporary fixes. Replacing larger sections will allow for greater longevity and a more pleasing aesthetic appearance. The current pricing used for determining cost is \$8.00 per square foot and includes demolition of existing and replacement with new 4 inch concrete.						
Funding source is Aquatic Park Infrastructure Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$150,000	
Engineering/Design			Total		\$150,000	
Land/ROW Acquisition						
Construction	10/2012	05/2013				
Other						
Total Schedule	10/2012	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	150,000	0	0	\$150,000	\$0
Other						
Total Costs	\$0	\$150,000	\$0	\$0	\$150,000	\$0
Operating Impact						
There would be a net savings for less repair/minor replacement of existing concrete.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$40,000)
Total Operating Impact	\$0	(\$10,000)	(\$10,000)	(\$10,000)	(\$10,000)	(\$40,000)

Aquatic Park Capital Projects

Department	Project Title	Project Number
Aquatic Park	General Facility Improvements – 2013	WP1303

Project Description
 Costs for additional construction such as drainage improvements, site improvements, miscellaneous building improvements or capital acquisitions are calculated and submitted on an annual basis. These costs also include safety improvements to/for the facility that are identified during the current operating season. The project funds unforeseen equipment failures and emergency items necessary to operate the park. Projects in the past have included switchgears for the Green Extreme, ADA updates, replacement motors, drainage improvements, concrete repair and patching and resurfacing of the Spashatory. Along with maintenance repairs anticipated for FY 2013, this project will include replacement of the parks music and paging system wire and equipment. This wire runs through underground conduit throughout the park and is used for background music, advertisements and guest paging/messaging.

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.

 The paging system wire is old and frequent repairs are required to keep the system operational. Additionally, the system was built originally with no capacity for expansion. As new areas have been added to the park, it has proven challenging or impossible to expand the system. The replacement of the wire and equipment will enable future growth capacity.

 Funding source is Aquatic Park Infrastructure Reserves.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2012-13	\$72,000
Engineering/Design			Total		\$72,000
Land/ROW Acquisition					
Construction	10/2012	09/2013			
Other					
Total Schedule	10/2012	09/2013			

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation					
Federal/State Grants					
Reserves	0	72,000	0	0	\$72,000
Sales Tax					
Other					
Total Funding	\$0	\$72,000	\$0	\$0	\$72,000

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost
Professional Services					
Engineering/Design					
Land/ROW Acquisition					
Construction	0	72,000	0	0	\$72,000
Other					
Total Costs	\$0	\$72,000	\$0	\$0	\$72,000

Operating Impact
 No operating impact is anticipated.

Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	Long Term Development Plan				WP1304	
Project Description						
The Long Term Development Plan will guide the development and ultimate build out for NRH2O Family Waterpark. The long term plan will address future expansion and development, replacement of original existing attractions, theming, signage, parking and other issues as identified.						
Project Justification						
A long term development plan is needed for NRH2O to address the remaining expansion area located in the northwest area of the park. The plan will include possible reconfiguration of the main building/front gate entry and replacement of original slides and attractions. The 2005 NRH2O Waterpark Master Plan addressed the southwest area of the park. With the completion of the Viper in 2011, this area is complete. Access to the remaining available open space in the northwest area will present several design challenges including parking and front gate entry. The plan will help guide the development and solutions to these issues as well. Additionally, the park's overall theme has become somewhat disparate over the years and as such the Master Plan will include recommendations for an updated theme and associated park signage to ensure that the park remains innovative and current to our guests.						
Note: The impact to the park of any access through NRH2O to adjacent properties will influence the long term development plan.						
Funding sources are Certificates of Obligation Project Savings Reserves, Future Construction Reserves, and Unspecified (Misc. Construction) Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2012	09/2013	Adopted Budget	2012-13	\$100,000	
Engineering/Design			Total		\$100,000	
Land/ROW Acquisition						
Construction						
Other						
Total Schedule	10/2012	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	0	100,000	0	0	\$100,000	
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$0	\$100,000	\$0	\$0	\$100,000	
Operating Impact						
The future operating impacts would be included as a part of the project.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	Repair of Catering Building Roof Structure				WP1305	
Project Description						
This project entails the professional services and construction necessary to repair roof leaks currently experienced at Beaker's Cooking Shack (Catering Building).						
Project Justification						
This building is primarily of wood construction and is currently suffering leaks along the west side of the structure. Staff has attempted to fix this issue internally, and has contracted with a roofing company to do the same. It appears that there may be some issue with wood failing quicker than expected, possibly due to the wood's treatment and possibly due to the roof's design.						
If this issue is not addressed quickly, further deterioration is probable, leading to increased costs of repair.						
Funding source is Aquatic Park Infrastructure Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2012	12/2012	Adopted Budget	2012-13	\$55,000	
Engineering/Design			Total		\$55,000	
Land/ROW Acquisition						
Construction	01/2012	04/2013				
Other						
Total Schedule	01/2012	04/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	55,000	0	0	\$55,000	
Sales Tax						
Other						
Total Funding	\$0	\$55,000	\$0	\$0	\$55,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services	0	10,000	0	0	\$10,000	\$0
Engineering/Design						
Land/ROW Acquisition						
Construction	0	45,000	0	0	\$45,000	\$0
Other						
Total Costs	\$0	\$55,000	\$0	\$0	\$55,000	\$0
Operating Impact						
Savings due to elimination of minor annual repairs necessary.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	(\$1,000)	(\$1,000)	(\$1,500)	(\$1,000)	(\$1,500)	(\$6,000)
Total Operating Impact	(\$1,000)	(\$1,000)	(\$1,500)	(\$1,000)	(\$1,500)	(\$6,000)

Aquatic Park Capital Projects						
Department	Project Title				Project Number	
Aquatic Park	Security and Nighttime Operation Light Replacement				WP1306	
Project Description						
This project includes the replacement of 13 parking lot and 5 interior light fixtures. The lights are currently metal-halide and the replacement lights will be LED. The lights sit at approximately 30 feet above the ground.						
Project Justification						
The existing light fixtures have been in place since 1995 and are in need of replacement. The fixtures themselves are outdated and are not available for purchase. Replacement parts have become very difficult to source and require custom ballasts which are assembled locally at a higher cost.						
The LED light fixtures require little maintenance and will not require service as often, lessening the need to obtain additional equipment to reach the fixtures. LED lights also offer greater efficiencies in electric usage resulting in long term savings to the park. Lights are required for both security and nighttime operations.						
This project also supports the "Green Initiative" undertaken by waterpark staff.						
Funding source is Aquatic Park Infrastructure Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$75,000	
Engineering/Design	10/2012	05/2013	Total		\$75,000	
Land/ROW Acquisition						
Construction	10/2012	05/2013				
Other						
Total Schedule	10/2012	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	75,000	0	0	\$75,000	
Sales Tax						
Other						
Total Funding	\$0	\$75,000	\$0	\$0	\$75,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services	0	0	0	0	\$0	\$0
Engineering/Design						
Land/ROW Acquisition						
Construction	0	75,000	0	0	\$75,000	\$0
Other						
Total Costs	\$0	\$75,000	\$0	\$0	\$75,000	\$0
Operating Impact						
Electrical consumption savings would be realized with labor savings.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	(\$2,500)	(\$2,500)	(\$2,500)	(\$2,500)	(\$10,000)
Total Operating Impact	\$0	(\$2,500)	(\$2,500)	(\$2,500)	(\$2,500)	(\$10,000)

NRH

**FACILITY & CONSTRUCTION SERVICES MULTI-YEAR PLAN
FY 2012/2013 Adopted Budget**

Revenue Source/Expense Cost Center	Revised 2011/2012	Adopted 2012/2013	2013/2014	2014/2015	2015/2016	2016/2017	2017/2018	2018/2019	2019/2020	2020/2021	2021/2022	Total
Estimated Beginning Balance	\$1,174,885	\$1,002,882	\$823,340	(\$39,572)	(\$263,369)	(\$487,422)	(\$737,049)	(\$1,015,319)	(\$1,317,005)	(\$1,647,312)	(\$2,007,363)	
REVENUE / OTHER FINANCING SOURCES												
General Fund Allocation	\$673,270	\$678,270	\$705,401	\$733,617	\$762,962	\$785,851	\$809,427	\$833,710	\$858,721	\$884,483	\$911,017	\$8,636,729
Utility Fund Allocation	1,436,074	1,436,074	1,493,517	1,553,258	1,615,388	1,663,850	1,713,766	1,765,179	1,818,134	1,872,678	1,928,858	18,296,776
Park Development Fund Allocation	304,075	430,050	447,252	465,142	483,748	498,260	513,208	528,604	544,462	560,796	577,620	5,353,217
Allocation Subtotal	\$2,413,419	\$2,544,394	\$2,646,170	\$2,752,017	\$2,862,098	\$2,947,961	\$3,036,401	\$3,127,493	\$3,221,317	\$3,317,957	\$3,417,495	\$32,286,723
Rent From Rental Properties	\$78,000	\$78,000	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$156,000
Interest Income	4,619	9,116	6,175	(297)	(1,975)	(4,874)	(9,213)	(15,230)	(19,755)	(24,710)	(30,110)	(86,254)
Other Income Subtotal	\$82,619	\$87,116	\$6,175	(\$297)	(\$1,975)	(\$4,874)	(\$9,213)	(\$15,230)	(\$19,755)	(\$24,710)	(\$30,110)	\$69,746
Revenue Total	\$2,496,038	\$2,631,510	\$2,652,345	\$2,751,720	\$2,860,123	\$2,943,087	\$3,027,188	\$3,112,263	\$3,201,562	\$3,293,247	\$3,387,385	\$32,356,469
EXPENSE												
Administration	\$245,297	\$251,480	\$259,024	\$266,795	\$274,799	\$283,043	\$291,534	\$300,280	\$309,288	\$318,567	\$328,124	\$3,128,231
Operations	2,204,614	2,222,639	2,311,545	2,404,007	2,500,167	2,600,174	2,704,181	2,812,348	2,924,842	3,041,836	3,163,509	28,889,862
Rental Property Program	56,910	56,910	0	0	0	0	0	0	0	0	0	113,820
Reserve for Rental Property	21,090	21,090	0	0	0	0	0	0	0	0	0	42,180
Existing Debt Service	20,206	20,752	21,778	25,409	28,439	27,187	25,817	15,699	10,336	3,622	3,622	202,867
Debt Payments for Golf Course Pavilion	0	0	0	0	0	0	0	0	0	0	0	0
Other Expense	10,224	26,581	27,910	29,306	30,771	32,310	33,926	35,622	37,403	39,273	41,237	344,563
Subtotal Maintenance and Operations	\$2,558,341	\$2,599,452	\$2,620,257	\$2,725,517	\$2,834,176	\$2,942,714	\$3,055,458	\$3,163,949	\$3,281,869	\$3,403,298	\$3,536,492	\$32,721,523
Capital Maintenance	\$109,700	\$211,600	\$895,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,216,300
Subtotal Capital Maintenance	\$109,700	\$211,600	\$895,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$250,000	\$3,216,300
Expense Total	\$2,668,041	\$2,811,052	\$3,515,257	\$2,975,517	\$3,084,176	\$3,192,714	\$3,305,458	\$3,413,949	\$3,531,869	\$3,653,298	\$3,786,492	\$35,937,823
REVENUE LESS DEBT, ADMIN & OPERATING COSTS	(\$172,003)	(\$179,542)	(\$862,912)	(\$223,797)	(\$224,053)	(\$249,627)	(\$278,270)	(\$301,686)	(\$330,307)	(\$360,051)	(\$399,107)	(\$3,581,354)
Estimated Remaining Balance	\$1,002,882	\$823,340	(\$39,572)	(\$263,369)	(\$487,422)	(\$737,049)	(\$1,015,319)	(\$1,317,005)	(\$1,647,312)	(\$2,007,363)	(\$2,406,470)	(\$2,406,469)

NRH

Schedule 6 Municipal Facility Capital Projects Budget Summary

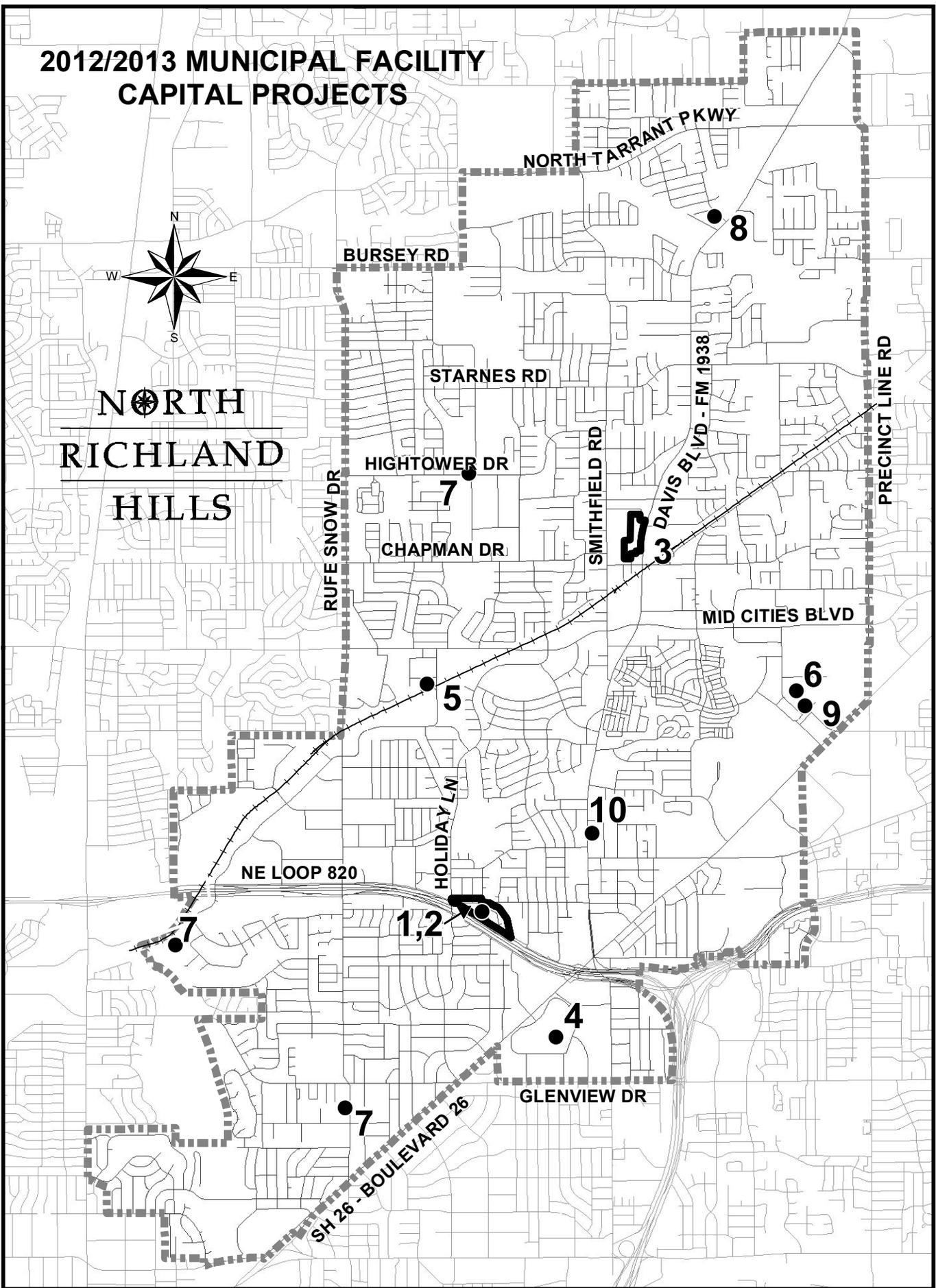
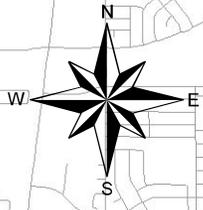
Pg. No.	Map ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
Project Costs						
Continuing Projects						
182	1	820 Widening - City Hall Modifications	1,050,000	0	0	\$ 1,050,000
183	2	820 Widening - Professional Services	300,000	0	0	\$ 300,000
184	3	Davis Boulevard Property Acquisition - TOD Area	2,300,000	0	0	\$ 2,300,000
185	-	Loop 820 Expansion Preparation	103,520	0	0	\$ 103,520
186	4	Municipal Government Complex	25,000,000	10,000,000	10,000,000	25,000,000 \$ 70,000,000
187	5	NRH Animal Adoption & Rescue Center - New Facility	2,113,850	1,300,000	0	0 \$ 3,413,850
188	6	NRH Recreation Center (TIF #2)	24,990,000	0	0	0 \$ 24,990,000
Total Continuing Projects			\$ 55,857,370	\$ 11,300,000	\$ 10,000,000	\$ 25,000,000 \$ 102,157,370
New Projects						
189	7	Building Envelope and Roofing Repairs	0	91,500	0	0 \$ 91,500
190	8	Concrete Floor Finish Resurface	0	48,000	0	0 \$ 48,000
191	9	General Construction	0	14,500	0	0 \$ 14,500
192	10	Overhead Doors Replacement	0	57,600	0	0 \$ 57,600
Total New Projects			\$ 0	\$ 211,600	\$ 0	\$ 0 \$ 211,600
Total Project Costs			\$ 55,857,370	\$ 11,511,600	\$ 10,000,000	\$ 25,000,000 \$ 102,368,970
Funding Sources						
General Obligation Bonds						
			25,000,000	10,000,000	10,000,000	3,000,000 48,000,000
		G.O. Bonds 2003 Program	110,000	1,300,000	0	0 1,410,000
Total General Obligation Bonds			\$ 25,110,000	\$ 11,300,000	\$ 10,000,000	\$ 3,000,000 \$ 49,410,000
Certificates of Obligation						
			0	0	0	22,000,000 22,000,000
		Certificates of Obligation	23,300,000	0	0	0 23,300,000
Total Certificates of Obligation			\$ 23,300,000	\$ 0	\$ 0	\$ 22,000,000 \$ 45,300,000
Reserves						
		Building Services Fund Reserve	0	211,600	0	0 211,600
		Gas Development Fund Reserves	726,475	0	0	0 726,475
		General Fund Designated Reserves	1,350,000	0	0	0 1,350,000
Total Reserves			\$ 2,076,475	\$ 211,600	\$ 0	\$ 0 \$ 2,288,075
Sales Tax						
		Park Sales Tax	1,580,000	0	0	0 1,580,000
Total Sales Tax			\$ 1,580,000	\$ 0	\$ 0	\$ 0 \$ 1,580,000
Other						
		Animal Control Fund Raising Campaign	1,242,367	0	0	0 1,242,367
		Reserves	871,483	0	0	0 871,483

**Schedule 6
Municipal Facility Capital Projects
Budget Summary**

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
Tax Increment Reinvestment Zone # 2	0	0	0	0	0
Commercial Loan	1,573,525	0	0	0	1,573,525
North Tarrant Express ROW Proceeds	103,520	0	0	0	103,520
Total Other	\$ 3,790,895	\$ 0	\$ 0	\$ 0	\$ 3,790,895
Total Sources of Funds	\$ 55,857,370	\$ 11,511,600	\$ 10,000,000	\$ 25,000,000	\$ 102,368,970

2012/2013 MUNICIPAL FACILITY CAPITAL PROJECTS

**NORTH
RICHLAND
HILLS**



Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	820 Widening - City Hall Modifications				BD0809	
Project Description						
Purchase properties adjacent to City Hall for future modification of the facility and parking lots as a result of the widening of Loop 820.						
Project Justification						
The widening of Loop 820 will result in the elimination of most of the parking on the south side of City Hall. The findings of the Loop 820 Corridor Study determined that if City Hall was going to remain in the current location it would be necessary to remodel City Hall in such a way that the main entrance would either face east or north. In order for the remodel to be possible, adjacent properties need to be acquired to facilitate the reorientation of City Hall as well as provide adequate parking lost by the widening of Loop 820.						
Note: The "Reserves" funding sources represents General Fund Designated Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2007-08	\$650,000	
Engineering/Design			Revision	2008-09	\$400,000	
Land/ROW Acquisition	10/2007	10/2012	Total		\$1,050,000	
Construction						
Other						
Total Schedule	10/2007	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility 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 projected purchase of several parcels of City owned land. The services will include legal council, architectural services, property appraisals and others as needed.						
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.						
Note: The "Reserves" funding sources represents General Fund Designated Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2008	04/2015	Adopted Budget	2008-09	<u>\$300,000</u>	
Engineering/Design			Total		<u>\$300,000</u>	
Land/ROW Acquisition						
Construction	03/2012	10/2012				
Other						
Total Schedule	<u>10/2008</u>	<u>04/2015</u>				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	300,000	0	0	0	\$300,000	
Sales Tax						
Other						
Total Funding	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	287,540	0	0	0	\$287,540	
Engineering/Design						
Land/ROW Acquisition						
Construction	12,460	0	0	0	\$12,460	
Other						
Total Costs	<u>\$300,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$300,000</u>	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Davis Boulevard Property Acquisition - TOD Area				BD0906	
Project Description						
This project consists of the purchase of property along Davis Boulevard north of Main Street.						
Project Justification						
The area along Davis Blvd, north of Main is key to facilitating long range transportation and land use needs attributed to regional and local growth. The actual use or uses are to be determined, understanding there is a chance for municipal use or that it can be sold for other purposes and uses. This property is located within the Smithfield transit-oriented development area.						
Note: Funding source designated as "Other" is a commercial loan, to be repaid with Gas Development Reserves. Reserves funding is Gas Development Reserves - General Use.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2008-09	\$2,000,000	
Engineering/Design			Revision	2009-10	\$300,000	
Land/ROW Acquisition			Total		\$2,300,000	
Construction						
Other	07/2009	09/2013				
Total Schedule	07/2009	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	726,475	0	0	0	\$726,475	
Sales Tax						
Other	1,573,525	0	0	0	\$1,573,525	
Total Funding	\$2,300,000	\$0	\$0	\$0	\$2,300,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition	2,300,000	0	0	0	\$2,300,000	
Construction						
Other						
Total Costs	\$2,300,000	\$0	\$0	\$0	\$2,300,000	
Operating Impact						
Minimal operating impact expected						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility 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						
The space needs assessment 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 assessment will determine the space needs for NRH facilities and associated costs for infrastructure impacted by the expansion of Loop 820.						
Funding Source of "Other" for this project will be provided by revenue from NTE Row acquisitions.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	11/2011	10/2012	Revision	2011-12	\$103,520	
Engineering/Design			Total		\$103,520	
Land/ROW Acquisition						
Construction	03/2012	10/2012				
Other						
Total Schedule	11/2011	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	103,520	0	0	0	\$103,520	
Total Funding	\$103,520	\$0	\$0	\$0	\$103,520	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	92,000	0	0	0	\$92,000	
Engineering/Design						
Land/ROW Acquisition						
Construction	11,520	0	0	0	\$11,520	
Other						
Total Costs	\$103,520	\$0	\$0	\$0	\$103,520	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Municipal Government Complex				FC1205	
Project Description						
This project is for the design, acquisition, and construction of a new municipal complex up to 180,000 square feet to consolidate multiple city services and departments into one location. The new municipal 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 180,000 square feet would be constructed to provide Public Safety operations 94,000 square feet, City Hall 71,000 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 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 \$70,000,000. Funding sources consist of \$48,000,000 in G.O. Bonds issuance and \$22,000,000 in Certificates of Obligation issuance.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
Professional Services	07/2012	12/2015	Revision	2011-12	\$70,000,000	
Engineering/Design	07/2012	12/2013	Total		\$70,000,000	
Land/ROW Acquisition	06/2012	08/2012				
Construction	12/2013	12/2015				
Other						
Total Schedule	06/2012	12/2015				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds	25,000,000	10,000,000	10,000,000	3,000,000	\$48,000,000	
Certificates of Obligation	0	0	0	22,000,000	\$22,000,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$25,000,000	\$10,000,000	\$10,000,000	\$25,000,000	\$70,000,000	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost		
Professional Services	4,665,847	0	0	0	\$4,665,847	
Engineering/Design	282,000	0	0	0	\$282,000	
Land/ROW Acquisition	2,600,000	0	0	0	\$2,600,000	
Construction	11,969,565	10,000,000	10,000,000	25,000,000	\$56,969,565	
Other	5,482,588	0	0	0	\$5,482,588	
Total Costs	\$25,000,000	\$10,000,000	\$10,000,000	\$25,000,000	\$70,000,000	
Operating Impact						
Operating impact will be added after Consultants are hired and provided a Performa on estimated expenditures.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility 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 roughly 10,865 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 95. 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, provide needed material/equipment storage and staff work areas, and allow for an on-site adoption related minor surgical center. The total cost for the design and construction of the new facility is estimated to be \$3.4 million. General obligation bonds in the amount of \$1.3 million have been committed for this project as well as \$871,483 in accumulated voluntary utility bill donations. Current available funding is \$2,171,483. The remaining project monies (\$1,242,357) need to be raised through an area wide fund raising campaign focused on individual donors, businesses and citizens. Lawrence & Assoc. has been hired to coordinate the Capital Campaign in conjunction with Quorum Architects who will design the facility.						
NOTE: The "other" funding source shown below represents the anticipated amount and timing of donations as a result of a successful fund raising campaign. The final size of this project will be largely determined by the outcome of fundraising.						
G.O. Bonds have been authorized but not yet issued. G.O. Bonds are scheduled to be issued during FY2013.						
Project Schedule						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	04/2006	07/2013	Original Budget	2002-03	\$3,000,000	
Engineering/Design	12/2006	10/2013	Revision	2009-10	\$14,760	
Land/ROW Acquisition			Adopted Budget	2011-12	\$399,090	
Construction	03/2014	09/2014	Total		\$3,413,850	
Other						
Total Schedule	04/2006	09/2014				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	0	1,300,000	0	0	\$1,300,000	
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	2,113,850	0	0	0	\$2,113,850	
Total Funding	\$2,113,850	\$1,300,000	\$0	\$0	\$3,413,850	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services	100,000	0	0	0	\$100,000	\$0
Engineering/Design	415,760	0	0	0	\$415,760	\$31,679
Land/ROW Acquisition						
Construction	1,598,090	1,300,000	0	0	\$2,898,090	\$275
Other						
Total Costs	\$2,113,850	\$1,300,000	\$0	\$0	\$3,413,850	\$31,954
Operating Impact						
Additional staff will be required to maintain and operate the Adoption Center. In July 2014, one (1) full-time Humane Technician (clerk), one (1) full-time Kennel Technicians, and one (1) part-time Kennel Technician will be hired to begin training. In Jan. 2015, a full-time veterinarian will be hired.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$31,849	\$132,488	\$137,787	\$143,299	\$445,423
Total Operating Impact	\$0	\$31,849	\$132,488	\$137,787	\$143,299	\$445,423

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Parks and Recreation	NRH Recreation Center (TIF #2)				PK0404	
Project Description						
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 Justification						
The existing recreation center located on Loop 820 has been serving the recreational needs of the community since 1987. The facility, renovated from a church, is outdated and limited in the types of services offered. The expansion of Loop 820 will remove all southern parking spaces and require that the facility be renovated for an east entry. The new recreation center will serve current and future recreation and senior center facility needs for years to come. The 1991 Park System Master Plan as well as the 2000 and 2007 Parks, Recreation and Open Space Master Plans documented the need for a recreation center with indoor aquatics features. The Public Attraction Facility Market Analysis and Economic Analysis prepared by Leland Consulting Group also identified this demand for such services.						
The Certificates of Obligation (\$20.8M) will be repaid with TIF #2 funds and the Parks & Recreation Development Fund sales tax will repay Senior Center component (\$2.5M). The \$110,000 General Obligation Bonds, 2003 Unspecified Streets funds, will be used for street and drainage improvements on Bud Jensen Road providing access to the new facility.						
Project Schedule						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2007	03/2008	Adopted Budget	2000-01	\$21,900,000	
Engineering/Design	03/2009	01/2012	Revision	2010-11	\$3,110,000	
Land/ROW Acquisition			Revision	2010-11	(\$20,000)	
Construction	10/2010	04/2012	Total		\$24,990,000	
Other	10/2010	02/2013				
Total Schedule	10/2007	02/2013				
Sources of Funds						
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds	110,000	0	0	0	\$110,000	
Certificates of Obligation	23,300,000	0	0	0	\$23,300,000	
Federal/State Grants						
Reserves						
Sales Tax	1,580,000	0	0	0	\$1,580,000	
Other	0	0	0	0	\$0	
Total Funding	\$24,990,000	\$0	\$0	\$0	\$24,990,000	
Project Costs						
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	2,333,593	0	0	0	\$2,333,593	
Land/ROW Acquisition						
Construction	21,907,244	0	0	0	\$21,907,244	
Other	749,163	0	0	0	\$749,163	
Total Costs	\$24,990,000	\$0	\$0	\$0	\$24,990,000	
Operating Impact						
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.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$2,611,531	\$2,715,992	\$2,824,632	\$2,937,617	\$0	\$11,089,772
Total Operating Impact	\$2,611,531	\$2,715,992	\$2,824,632	\$2,937,617	\$0	\$11,089,772

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Building Envelope and Roofing Repairs				FC1301	
Project Description						
This project consists of sealing the building walls and roofs as recommended by the building envelope/roofing consultant in fiscal year 2010/11 facility study. The facilities we are focusing on this year are: Fire Stations #2 (\$31,700), #4 (\$38,800), and the Iron Horse Golf Course Cart Barn (\$21,000). The scope of work includes the removing replacing several courses of brick to install through wall counter flashings, replacing loose exterior wall tiles, removing/replacing expansion joint sealants and caulk, adding roof mounted exhaust vents, gutter systems, roof drains, and replacing metal wall panels.						
Project Justification						
Last year, the building/roof consultant reviewed several City facilities to determine the life span of each facility and identify areas in need of corrective action to seal building walls and roofs from allowing moisture / air to penetrate. The facilities in this year's project were identified as having conditions which allowed water to enter. These corrective measures will seal the buildings' walls and roofs and allow the water to be directed towards drains and away from the building walls. Performing these repairs will extend the life of the facility, maintain the integrity and improve the indoor air quality.						
Reserves funding is Building Services Fund Reserve.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$91,500	
Engineering/Design	11/2012	01/2013	Total		\$91,500	
Land/ROW Acquisition						
Construction	03/2013	08/2013				
Other						
Total Schedule	11/2012	08/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	91,500	0	0	\$91,500	
Sales Tax						
Other						
Total Funding	\$0	\$91,500	\$0	\$0	\$91,500	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	91,500	0	0	\$91,500	\$0
Other						
Total Costs	\$0	\$91,500	\$0	\$0	\$91,500	\$0
Operating Impact						
Reduce maintenance and utilities expenses.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Concrete Floor Finish Resurface				FC1302	
Project Description						
This project consists of the removal of the existing concrete floor coating at Fire Station #1 (\$48,000) using bead blasting machines to expose the concrete surface. The moisture content of the facility's apparatus bay concrete floor will be tested and evaluated. The concrete surface will be prepared according to manufacturer specifications and the new finish will be applied as outlined by the product manufacturer's recommendations and procedures.						
Project Justification						
The concrete floor coat finish has failed at Fire Station #1. The product has separated from the concrete. It bubbles, splits, and peels off in sheets which exposes the bare concrete to chemicals from the apparatus equipment and fire fighting chemicals. Furthermore, the coating failure allows moisture to penetrate between the remaining finish and the concrete surface increasing deterioration. Performing this project will extend the lifespan of the facility, reduce maintenance requirements, improve the safe operations for personnel and equipment as well as improve the interior aesthetics.						
Reserves funding is Building Services Fund Reserve.						
Project Schedule						
Beginning Date	Ending Date	History	Fiscal Year	Amount		
		Adopted Budget	2012-13	\$48,000		
Engineering/Design	03/2013	05/2013	Total	\$48,000		
Land/ROW Acquisition						
Construction	06/2013	07/2013				
Other						
Total Schedule	03/2013	07/2013				
Sources of Funds						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding		
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	48,000	0	0	\$48,000	
Sales Tax						
Other						
Total Funding	\$0	\$48,000	\$0	\$0	\$48,000	
Project Costs						
To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	48,000	0	0	\$48,000	\$0
Other						
Total Costs	\$0	\$48,000	\$0	\$0	\$48,000	\$0
Operating Impact						
Positive impact towards reducing maintenance required and extending the lifespan of each facility.						
Fiscal Year						
2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact	
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	General Construction				FC1304	
Project Description						
This project consists of improving parking lot drainage (\$7,000) and modifying the drive up bookdrop approach (\$7,500).						
Project Justification						
The parking lot drainage improvement will remove the ponding water in the parking lot decreasing the potential safety hazard associated with ponding water. The modification to the bookdrop approach will reduce the potential for damage as well as make the approach more direct for drop off books.						
Reserves funding is Building Services Fund Reserve.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$14,500	
Engineering/Design	11/2012	01/2013	Total		\$14,500	
Land/ROW Acquisition						
Construction	02/2013	05/2013				
Other						
Total Schedule	11/2012	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	14,500	0	0	\$14,500	
Sales Tax						
Other						
Total Funding	\$0	\$14,500	\$0	\$0	\$14,500	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	14,500	0	0	\$14,500	
Other						
Total Costs	\$0	\$14,500	\$0	\$0	\$14,500	
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Municipal Facility Capital Projects						
Department	Project Title				Project Number	
Facilities and Construction	Overhead Doors Replacement				FC1308	
Project Description						
This project consists of replacing (8) complete overhead doors including panels, tracks, torsion springs, rollers, operating mechanism, remote controller and safety edges at Fire Station #3 (\$57,600).						
Project Justification						
The overhead door assemblies at Fire Station #3, are original installed equipment. Maintenance work orders have increased in the past few years. Daily operations opening and closing of these doors has caused components to break. Complete replacement of the overhead doors at the facility will extend the lifespan, reduce maintenance requirements, improve the safe operations of the doors, improve operations of each department as well as improve the exterior aesthetics.						
Reserves funding is Building Services Fund Reserve.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$57,600	
Engineering/Design	12/2012	02/2013	Total		\$57,600	
Land/ROW Acquisition						
Construction	03/2013	04/2013				
Other						
Total Schedule	12/2012	04/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	0	57,600	0	0	\$57,600	
Sales Tax						
Other						
Total Funding	\$0	\$57,600	\$0	\$0	\$57,600	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	0	57,600	0	0	\$57,600	\$0
Other						
Total Costs	\$0	\$57,600	\$0	\$0	\$57,600	\$0
Operating Impact						
Positive impact towards reducing maintenance required and extending the lifespan of each facility.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

**FLEET SERVICES MULTI-YEAR PLAN
FY 2012/2013 Adpoted Budget**

Revenue Source/Expense Cost Center	<u>Revised</u> 2011/2012	<u>Adopted</u> 2012/2013	<u>2013/2014</u>	<u>2014/2015</u>	<u>2015/2016</u>	<u>2016/2017</u>	<u>2017/2018</u>	<u>2018/2019</u>	<u>2019/2020</u>	<u>2020/2021</u>	<u>2021/2022</u>	<u>Total</u>
Estimated Beginning Balance	\$2,502,344	\$2,113,832	\$1,979,867	\$1,505,823	\$1,046,188	\$464,153	\$200,505	(\$560,584)	(\$678,317)	(\$1,271,276)	(\$1,583,953)	
<i>REVENUE / OTHER FINANCING SOURCES</i>												
<i>Allocation Increase</i>												
General Fund Allocation	935,388	1,000,864	1,070,924	1,145,889	1,226,101	1,299,667	1,364,650	1,405,590	1,447,758	1,476,713	1,506,247	\$12,944,403
Utility Fund Allocation	1,429,626	1,529,700	1,636,779	1,751,354	1,873,949	1,986,386	2,085,705	2,148,276	2,212,724	2,256,978	2,302,118	\$19,783,969
Utility CIP/Utility Construction	209,743	224,425	240,135	256,944	274,930	291,426	305,997	315,177	324,632	331,125	337,748	\$2,902,539
Crime Control District Fund Allocation	123,825	132,493	141,768	151,692	162,310	172,049	180,651	186,071	191,653	195,486	199,396	\$1,713,569
Park & Recreation Development Fund Allocation	104,581	111,902	119,735	128,116	137,084	145,309	152,574	157,151	161,866	165,103	168,405	\$1,447,245
Other Fund Allocation	42,181	45,134	48,293	51,674	55,291	58,608	61,538	63,384	65,286	66,592	67,924	583,724
Allocation Subtotal	2,845,344	3,044,518	3,257,634	3,485,669	3,729,665	3,953,445	4,151,115	4,275,649	4,403,919	4,491,997	4,581,838	39,375,449
Bond Proceeds	0	765,000	2,193,700	1,418,340	1,943,400	3,188,625	1,584,200	865,700	1,853,500	1,743,716	764,316	\$16,320,497
Other Revenue	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	12,000	\$120,000
Additional Transfers	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	\$500,000
Auction Income	43,235	30,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	50,000	\$480,000
Interest Income	13,622	22,748	14,849	11,294	7,846	4,642	2,506	(8,409)	(10,175)	(19,069)	(23,759)	2,473
Other Income Subtotal	118,857	879,748	2,320,549	1,541,634	2,063,246	3,305,267	1,698,706	969,291	1,955,325	1,836,647	852,557	17,422,970
Revenue Total	\$2,964,201	\$3,924,266	\$5,578,183	\$5,027,303	\$5,792,911	\$7,258,712	\$5,849,821	\$5,244,940	\$6,359,244	\$6,328,644	\$5,434,395	\$56,798,419
<i>EXPENSE</i>												
Administration	\$333,619	\$336,415	\$346,507	\$356,902	\$367,609	\$378,637	\$389,996	\$401,696	\$413,747	\$426,159	\$438,944	\$3,856,612
Operations	1,859,770	1,855,767	1,929,998	2,007,198	2,087,486	2,170,985	2,257,824	2,348,137	2,442,062	2,539,744	2,641,334	\$22,280,535
Other	10,061	24,578	25,561	26,583	27,646	28,752	29,902	31,098	32,342	33,636	34,981	\$295,079
Equipment Services Reserve	78,027	100,000	0	0	0	0	0	0	0	0	0	\$100,000
Existing Debt Service	397,790	380,112	369,900	355,053	345,173	291,087	272,912	235,216	218,044	171,644	131,544	\$2,770,683
Future Debt Service	0	0	71,925	366,470	548,662	796,774	1,125,301	1,309,726	1,391,609	1,603,814	1,761,462	8,975,743
Subtotal Maintenance and Operations	2,679,267	2,696,872	2,743,891	3,112,205	3,376,576	3,666,235	4,075,935	4,325,873	4,497,803	4,774,997	5,008,265	38,278,651
Fire Equipment and Vehicles	0	728,481	268,500	0	220,000	1,779,925	279,675	0	328,500	700,000	379,971	\$4,685,052
Police Equipment and Vehicles	312,510	347,678	488,536	400,223	665,970	233,000	586,000	0	114,700	20,900	67,242	\$2,924,249
Other Equipment and Vehicles	360,936	285,200	2,551,300	1,974,510	2,112,400	1,843,200	1,669,300	1,036,800	2,011,200	1,145,424	628,824	15,258,158
Subtotal Equipment and Vehicles	673,446	1,361,359	3,308,336	2,374,733	2,998,370	3,856,125	2,534,975	1,036,800	2,454,400	1,866,324	1,076,037	22,867,459
Expense Total	\$3,352,713	\$4,058,231	\$6,052,227	\$5,486,938	\$6,374,946	\$7,522,360	\$6,610,910	\$5,362,673	\$6,952,203	\$6,641,321	\$6,084,302	\$61,146,110
REVENUE LESS DEBT, ADMIN & OPERATING COSTS	(\$388,512)	(\$133,965)	(\$474,044)	(\$459,635)	(\$582,035)	(\$263,648)	(\$761,089)	(\$117,733)	(\$592,959)	(\$312,677)	(\$649,907)	(\$4,347,691)
Estimated Remaining Balance	\$2,113,832	\$1,979,867	\$1,505,823	\$1,046,188	\$464,153	\$200,505	(\$560,584)	(\$678,317)	(\$1,271,276)	(\$1,583,953)	(\$2,233,860)	(\$2,233,859)

NRH

Schedule 7
Major Capital Equipment Capital Projects
Budget Summary

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
196 - Computer/Phone Replacement/Upgrade for New Recreation Center	130,000	0	0	0	\$ 130,000
197 - Hardware Replacement for the IBM AS400	65,000	0	0	0	\$ 65,000
198 - Teleworks Replacement for Online and VOIP Platforms	130,000	0	0	0	\$ 130,000
Total Continuing Projects	\$ 325,000	\$ 0	\$ 0	\$ 0	\$ 325,000
New Projects					
199 - 2013 Dump Truck Replacement (Unit 691)	0	105,000	0	0	\$ 105,000
200 - 2013 Rescue Pumper Replacement (Unit 935)	0	660,000	0	0	\$ 660,000
Total New Projects	\$ 0	\$ 765,000	\$ 0	\$ 0	\$ 765,000
Total Project Costs	\$ 325,000	\$ 765,000	\$ 0	\$ 0	\$ 1,090,000
<u>Funding Sources</u>					
Certificates of Obligation					
Certificates of Obligation	0	765,000	0	0	765,000
Total Certificates of Obligation	\$ 0	\$ 765,000	\$ 0	\$ 0	\$ 765,000
Reserves					
Information Services Reserve	118,920	0	0	0	118,920
Utility Fund	70,000	0	0	0	70,000
Total Reserves	\$ 188,920	\$ 0	\$ 0	\$ 0	\$ 188,920
Sales Tax					
Park Sales Tax	106,080	0	0	0	106,080
Total Sales Tax	\$ 106,080	\$ 0	\$ 0	\$ 0	\$ 106,080
Other					
Court Technology Fund	30,000	0	0	0	30,000
Total Other	\$ 30,000	\$ 0	\$ 0	\$ 0	\$ 30,000
Total Sources of Funds	\$ 325,000	\$ 765,000	\$ 0	\$ 0	\$ 1,090,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Computer/Phone Replacement/Upgrade for New Recreation Center				IS1201	
Project Description						
Purchase desktop/laptop computers and telephones for the new Parks and Recreation Center.						
Project Justification						
This project will replace all of the existing equipment for current employees and provide new equipment for the new recreation center. Estimated hardware purchase are as follows:						
New - 16 PCs, 4 Point-of-sale workstations, 6 desktop printers, 4 receipt printers, 2 large volume network printers, 16 label printers, 2 ID card printers, 5 desktop scanners, 36 desk/wall phones, and 4 conference phones.						
Replacements - 4 PCs, 2 Point-of-sale workstations, 4 desktop printers, 2 receipt printers, 4 label printers, 1 ID card printer, 2 desktop scanners, and 4 desk/wall phones.						
Replacement costs are \$23,920 and new costs are \$106,808. Funding sources are IS reserves (\$23,920) and Park Development Fund Sales Tax (\$106,080).						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$130,000	
Engineering/Design			Total		\$130,000	
Land/ROW Acquisition						
Construction						
Other	10/2011	10/2012				
Total Schedule	10/2011	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	23,920	0	0	0	\$23,920	
Sales Tax	106,080	0	0	0	\$106,080	
Other						
Total Funding	\$130,000	\$0	\$0	\$0	\$130,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	130,000	0	0	0	\$130,000	\$9,325
Total Costs	\$130,000	\$0	\$0	\$0	\$130,000	\$9,325
Operating Impact						
Maintenance on phones and equipment.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$20,000	\$20,000	\$20,000	\$0	\$60,000
Total Operating Impact	\$0	\$20,000	\$20,000	\$20,000	\$0	\$60,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Information Services	Hardware Replacement for the IBM AS400				IS1202	
Project Description						
This project provides for the replacement of the City's current AS400 Model 810 with a newer more powerful and smaller form factor model.						
Project Justification						
The City purchased the existing IBM AS400 Model 810 in 2004. The current hardware has exceeded its life expectancy as quoted by IBM and maintenance for this model is expected to end within the next year. The new equipment will have double the disk space (increased from 492 GB to 1.1Tb), 16 Gb of memory (currently 2 Gb, and 4 port 1 Gb Ethernet connections. The quote includes 3 years 24/7 maintenance and installation/migration services. This hardware hosts the City's enterprise resource systems for Finance, HR, Utility Billing and Planning & Inspections.						
Funding will be from IS Reserves.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$65,000	
Engineering/Design			Total		\$65,000	
Land/ROW Acquisition						
Construction						
Other	01/2012	10/2012				
Total Schedule	01/2012	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	65,000	0	0	0	\$65,000	
Sales Tax						
Other						
Total Funding	\$65,000	\$0	\$0	\$0	\$65,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	65,000	0	0	0	\$65,000	
Total Costs	\$65,000	\$0	\$0	\$0	\$65,000	
Operating Impact						
3 year Hardware and software maintenance will be made with purchase. No additional maintenance purchase will be needed until Budget year 2014-2015.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$6,000	\$6,000	\$6,000	\$18,000
Total Operating Impact	\$0	\$0	\$6,000	\$6,000	\$6,000	\$18,000

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, Municipal Courts and Planning/Inspections.						
Project Justification						
<p>This is a replacement to our current IVR (interactive voice response) payment system currently being used by the three departments. The system will continue to use automated calling mechanisms to call our water customers concerning past due bills, urgent city notifications (service interruptions), and the ability for our customers to access their accounts, balance inquiries, and FAQs. The Courts module will continue to allow our citizens to call in for court status, enter a plea, and make payments. In addition, the new system will allow Municipal Courts to automatically call out with schedule changes and warrant notification. All phone and internet transactions such as payments, pleas and schedule changes will be posted immediately without delays due to processing at night. All modules interface directly with HTE and Incode.</p> <p>Other funding in the amount of \$30,000 is from the Court Technology fund. Reserves in the amount of \$70,000 is from Utility Fund Reserves and the remaining \$30,000 is from Information Services Fund Reserves.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2011-12	\$130,000	
Engineering/Design			Total		\$130,000	
Land/ROW Acquisition						
Construction						
Other	03/2012	10/2012				
Total Schedule	03/2012	10/2012				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	100,000	0	0	0	\$100,000	
Sales Tax						
Other	30,000	0	0	0	\$30,000	
Total Funding	\$130,000	\$0	\$0	\$0	\$130,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	130,000	0	0	0	\$130,000	\$0
Total Costs	\$130,000	\$0	\$0	\$0	\$130,000	\$0
Operating Impact						
Maintenance costs from vendor						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$80,000
Total Operating Impact	\$20,000	\$20,000	\$20,000	\$20,000	\$0	\$80,000

Major Capital Equipment Capital Projects						
Department	Project Title				Project Number	
Fleet Services	2013 Dump Truck Replacement (Unit 691)				FS1302	
Project Description						
This is the replacement of a 1997 Chevrolet Kodiak tandem dump truck Unit 691 assigned to the Public Works Street Division.						
Project Justification						
At the 10-year interval, 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 dump truck will be 16 years old when replaced with an estimated 120,000 miles. The replacement dump truck 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	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2012-13	\$105,000	
Engineering/Design	10/2012	11/2012	Total		\$105,000	
Land/ROW Acquisition						
Construction	12/2012	05/2013				
Other						
Total Schedule	10/2012	05/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	0	105,000	0	0	\$105,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$0	\$105,000	\$0	\$0	\$105,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	105,000	0	0	\$105,000	\$0
Total Costs	\$0	\$105,000	\$0	\$0	\$105,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	2013 Rescue Pumper Replacement (Unit 935)	FS1304

Project Description
 This is the replacement of a 1988 rescue pumper Unit 935 assigned to the Fire Department.

Project Justification
 The normal replacement life for large fire apparatus is 20 years. The new rescue pumper will replace an E-1 rescue pumper that will be 25 years old when taken out of service. Unit 935 has over 100,000 miles, no longer meets the current fire apparatus safety standards, and requires constant maintenance. The new rescue pumper will also be equipped with a compressed air foam system (CAFS) which will give the Fire Department a total of two trucks with CAFS to better serve the City.

 Funding source is Certificates of Obligation.

Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount
Professional Services			Adopted Budget	2012-13	\$660,000
Engineering/Design	10/2012	11/2012	Total		\$660,000
Land/ROW Acquisition					
Construction	12/2012	12/2013			
Other					
Total Schedule	10/2012	12/2013			

Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding
General Obligation Bonds					
Certificates of Obligation	0	660,000	0	0	\$660,000
Federal/State Grants					
Reserves					
Sales Tax					
Other					
Total Funding	\$0	\$660,000	\$0	\$0	\$660,000

Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	0	660,000	0	0	\$660,000	\$0
Total Costs	\$0	\$660,000	\$0	\$0	\$660,000	\$0

Operating Impact
 No operating impact is anticipated.

Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

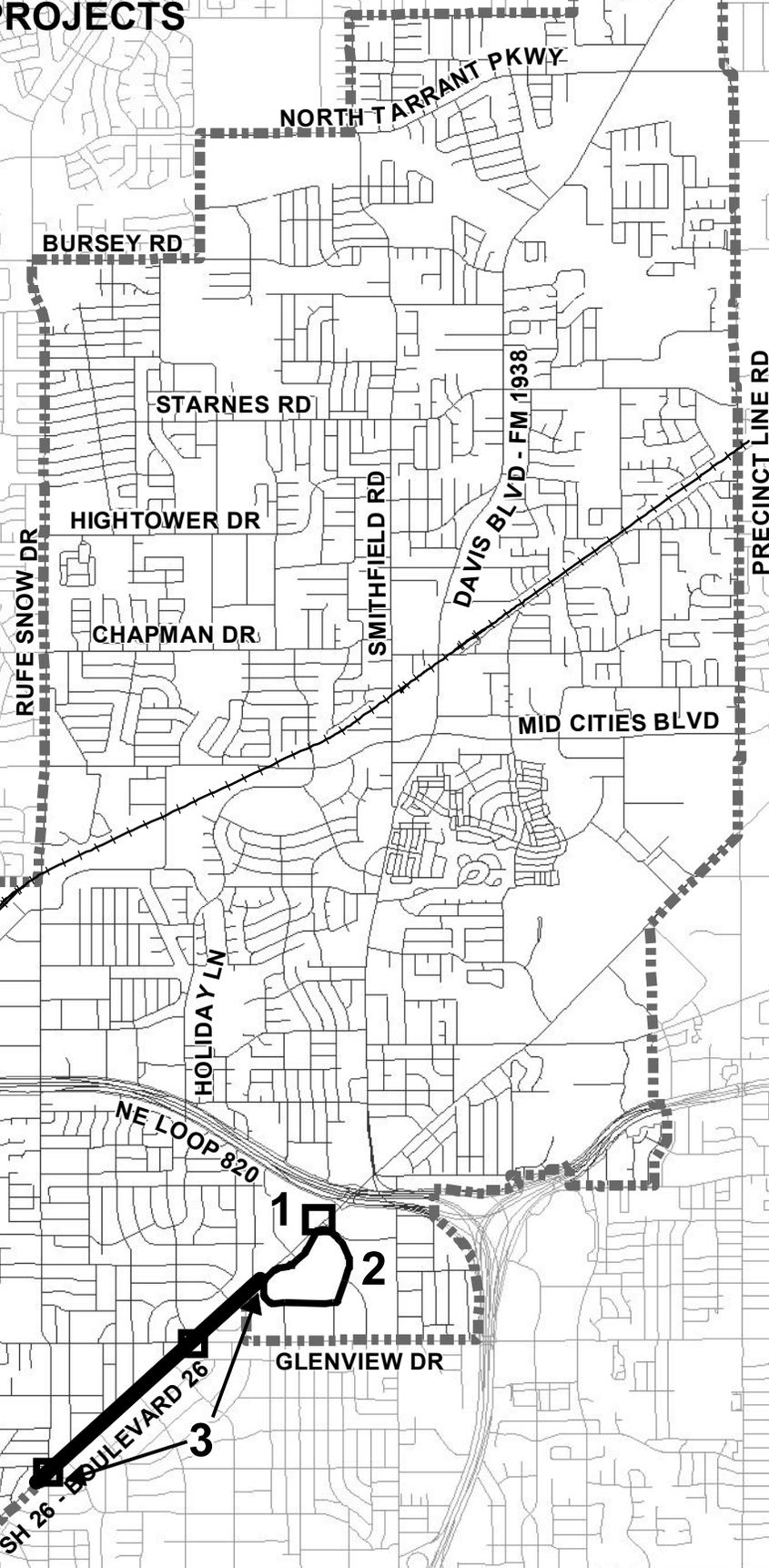
Schedule 8
Economic Development Capital Projects
Budget Summary

Pg. No.	Map ID		Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>							
Continuing Projects							
204	1	Boulevard 26 Intersection Imp. (@ Rodger Line Rd.)	450,000	0	0	0	\$ 450,000
207	-	Business Improvement and Growth (BIG) Program	200,000	0	0	0	\$ 200,000
208	2	Commercial Redevelopment Program	3,000,000	0	0	0	\$ 3,000,000
210	-	Loop 820 Redevelopment	2,087,938	0	0	0	\$ 2,087,938
211	-	SH 121/183 & Bedford-Road Access Plan	100,000	0	0	0	\$ 100,000
213	-	Sign Removal Assistance Program	50,000	0	0	0	\$ 50,000
214	3	TIF 1 Expansion - Intersection Improvements/Utility Burial	1,000,000	0	2,500,000	0	\$ 3,500,000
216	-	Wayfinding Signage	100,000	0	0	0	\$ 100,000
Total Continuing Projects			\$ 6,987,938	\$ 0	\$ 2,500,000	\$ 0	\$ 9,487,938
Total Project Costs			\$ 6,987,938	\$ 0	\$ 2,500,000	\$ 0	\$ 9,487,938
<u>Funding Sources</u>							
Certificates of Obligation							
Certificates of Obligation			1,000,000	0	2,500,000	0	3,500,000
Total Certificates of Obligation			\$ 1,000,000	\$ 0	\$ 2,500,000	\$ 0	\$ 3,500,000
Reserves							
General Fund Pay-As-You-Go Reserves			50,000	0	0	0	50,000
Sales Tax Reserve for Economic Development			175,000	0	0	0	175,000
Gas Fund Reserves (Designated for ED Activities)			1,861,463	0	0	0	1,861,463
General Fund Reserves Designated for ED			3,000,000	0	0	0	3,000,000
Total Reserves			\$ 5,086,463	\$ 0	\$ 0	\$ 0	\$ 5,086,463
Sales Tax							
Sales Tax Reserve for Economic Development			450,000	0	0	0	450,000
Total Sales Tax			\$ 450,000	\$ 0	\$ 0	\$ 0	\$ 450,000
Other							
Other			25,000	0	0	0	25,000
Commercial Loan			426,475	0	0	0	426,475
Total Other			\$ 451,475	\$ 0	\$ 0	\$ 0	\$ 451,475
Total Sources of Funds			\$ 6,987,938	\$ 0	\$ 2,500,000	\$ 0	\$ 9,487,938

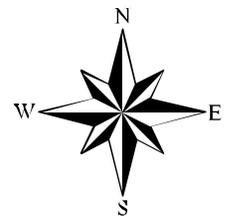
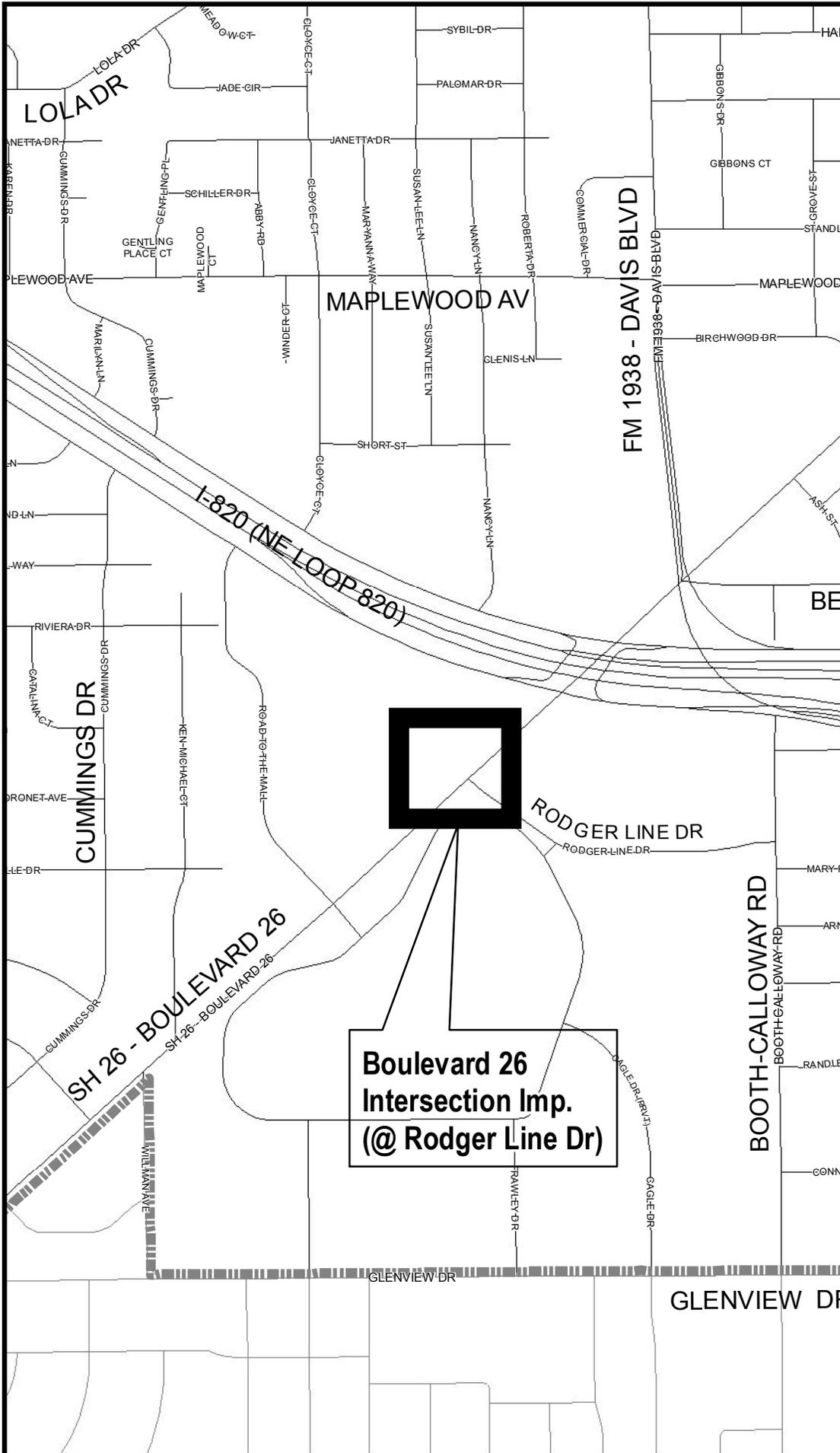
NRH

2012/2013 ECONOMIC DEVELOPMENT CAPITAL PROJECTS

**NORTH
RICHLAND
HILLS**

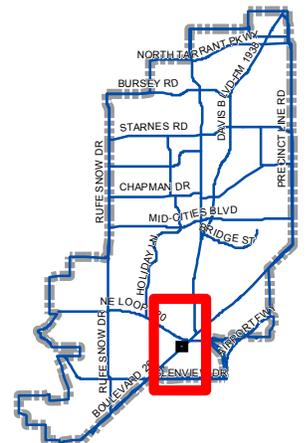


Boulevard 26 Intersection Imp. (@ Rodger Line Dr)



NORTH RICHLAND HILLS

Project Locator Map

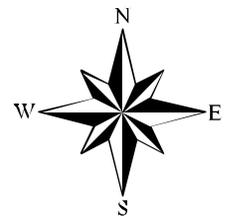
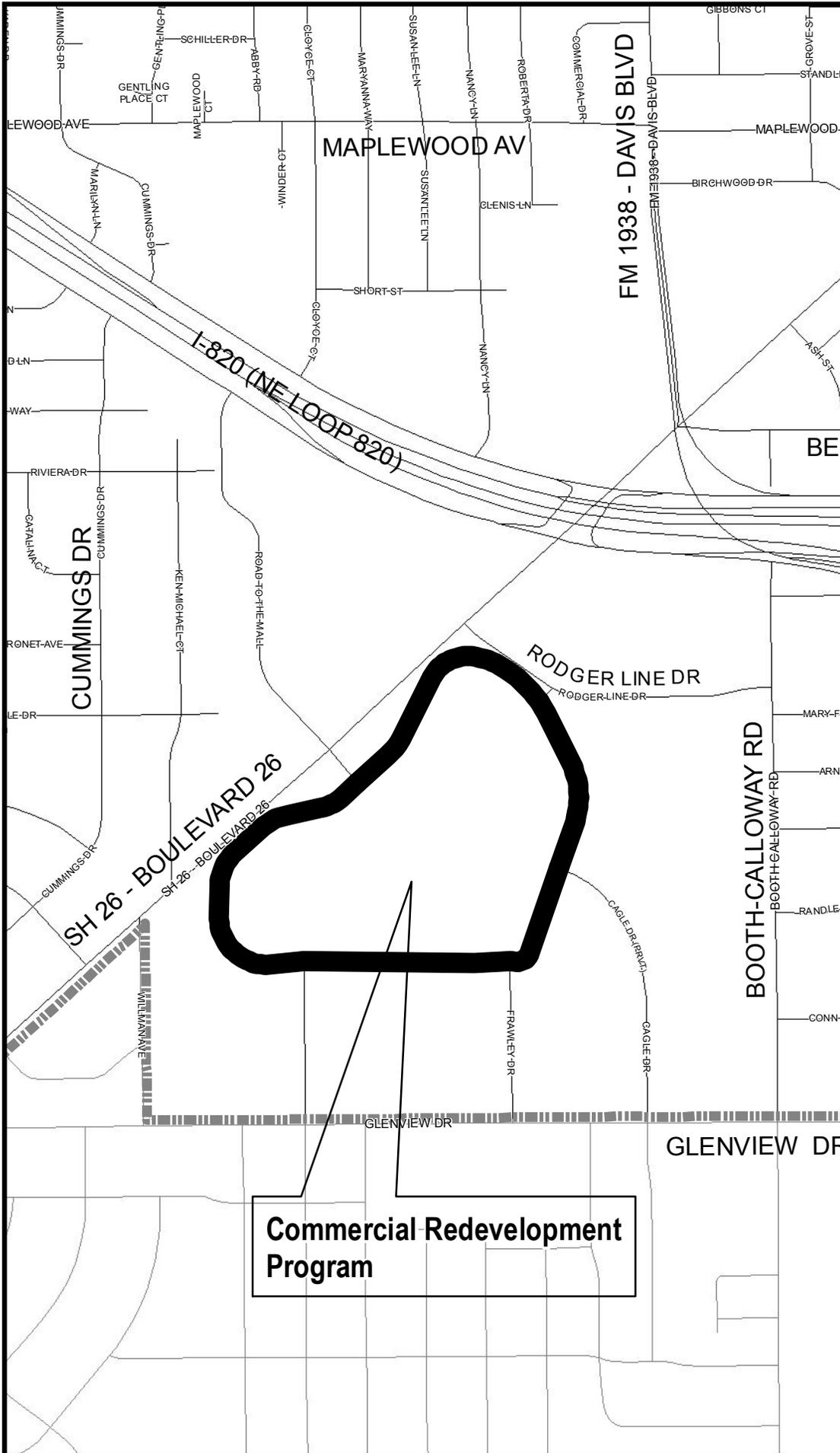


Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Boulevard 26 Intersection Imp. (@ Rodger Line Rd.)				ED0803	
Project Description						
This project will consist of making improvements to the intersection of Boulevard 26 and Rodger Line Rd. This location represents a portion of an overall branding and marketing communication strategy planned for the section of Boulevard 26 South of Loop 820. The improvements planned at this intersection include aesthetic improvements approved by the North Richland Hills Oversight Committee including landscaping and streetscaping. This is a cooperative effort between the Public Works Department, Planning & Inspections Department and Economic Development Department.						
Project Justification						
These intersection improvements are recommended as part of the South Grapevine Corridor Highway Study to stimulate private development within this corridor. This intersection was chosen because of its location near the intersection of Loop 820, which is the gateway to the south Boulevard 26 corridor. This intersection serves as a major entry to the Calloway Creek Commercial Area which includes the North Hills Hospital and the new Calloway Creek Medical Office Building. Intersection improvements at Rodger Line will also introduce new streetscape elements to encourage redevelopment of the Calloway Creek Commercial Area. The City's cost is proposed to be funded by the Economic Development Reserve portion of the Parks and Recreation Facilities Development Fund.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2007-08	\$450,000	
Engineering/Design	07/2012	12/2012	Total		\$450,000	
Land/ROW Acquisition						
Construction	02/2013	08/2013				
Other						
Total Schedule	07/2012	08/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

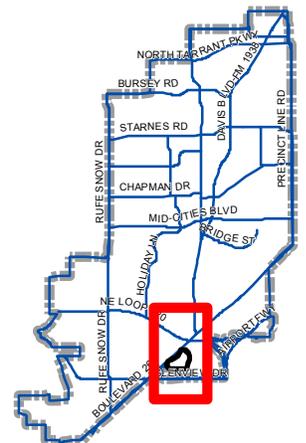
Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Business Improvement and Growth (BIG) Program				ED0801	
Project Description						
This initiative will help North Richland Hills revitalize aging structures along the Rufe Snow Drive, Davis Boulevard and Boulevard 26 corridors south of Mid Cities Boulevard in addition to Glenview Drive and Bedford-Eules 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. The city plans to improve 10 businesses annually. The overall purpose of this initiative is to improve blighted buildings in these areas, and to encourage long term commercial reinvestment.						
NOTE: Funds originate from Gas Fund Reserves specifically dedicated to Economic Development activities per Council Gas Fund Policy						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2007-08	\$100,000	
Engineering/Design			Revision	2009-10	\$100,000	
Land/ROW Acquisition			Total		\$200,000	
Construction	10/2007	09/2013				
Other						
Total Schedule	10/2007	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	200,000	0	0	0	\$200,000	
Other						
Total Costs	\$200,000	\$0	\$0	\$0	\$200,000	
Operating Impact						
No additional operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

Commercial Redevelopment Program



NORTH RICHLAND HILLS

Project Locator Map



Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Commercial Redevelopment Program				ED0602	
Project Description						
To provide infrastructure improvements and professional services to a future approved mixed use development project at the Calloway Creek Commercial Area.						
Project Justification						
Development of the Calloway Creek Commercial Area will positively impact the City's economic viability. Upgrading and replacing the infrastructure is often more expensive than building on vacant tracts of land. To facilitate redevelopment, City participation will be needed to offset these costs.						
This project is funded by General Fund Reserve designated for Economic Development.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2003-04	\$2,000,000	
Engineering/Design			Revision	2004-05	\$1,000,000	
Land/ROW Acquisition			Total		\$3,000,000	
Construction	06/2007	09/2013				
Other						
Total Schedule	06/2007	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	3,000,000	0	0	0	\$3,000,000	
Sales Tax						
Other						
Total Funding	\$3,000,000	\$0	\$0	\$0	\$3,000,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	3,000,000	0	0	0	\$3,000,000	
Other						
Total Costs	\$3,000,000	\$0	\$0	\$0	\$3,000,000	
Operating Impact						
Minimal operating impact is anticipated						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

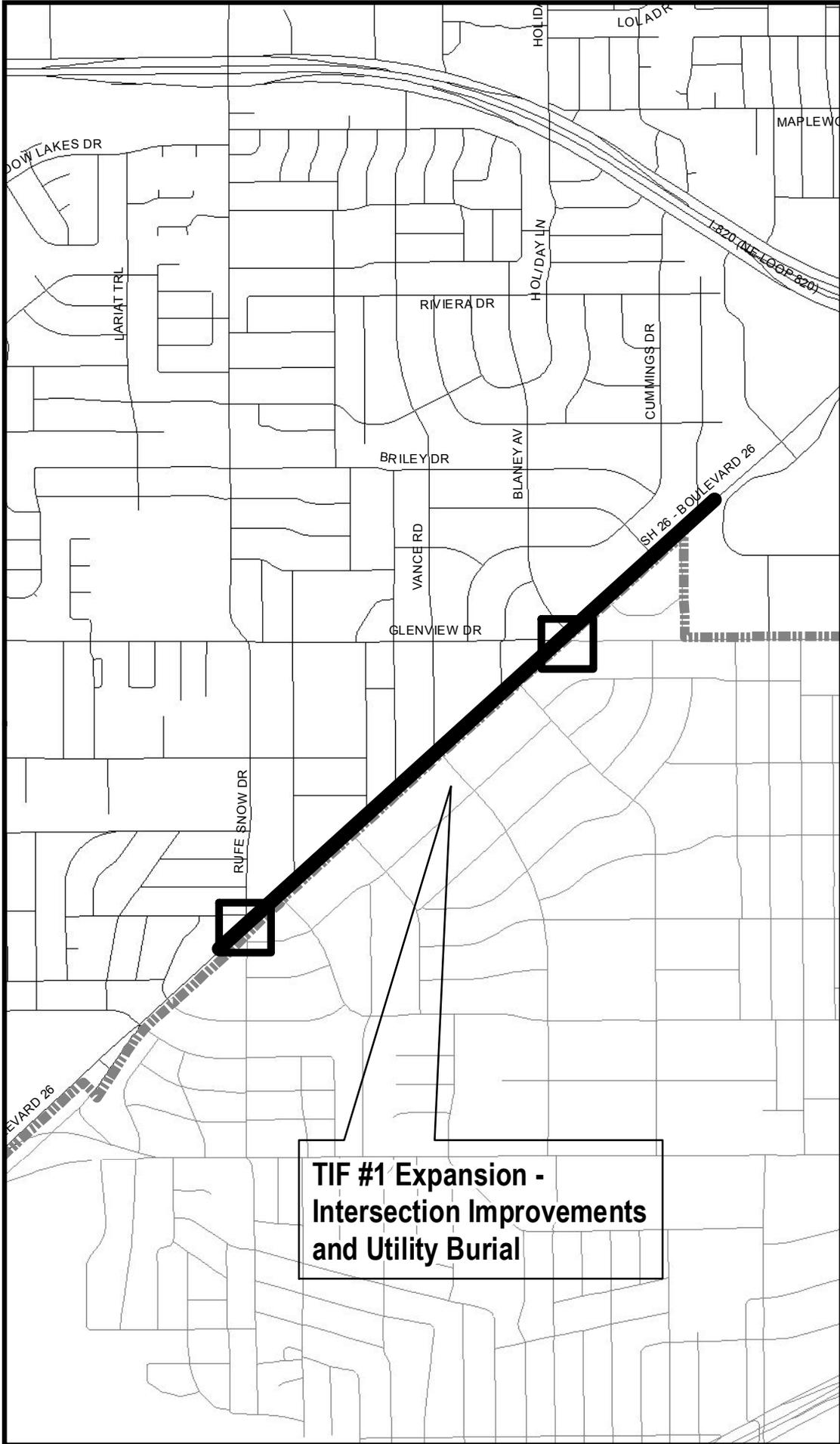
Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Loop 820 Redevelopment				ED1002	
Project Description						
The North Tarrant Express is bringing added attention and interest from the commercial development community at this key North Richland 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:						
<ol style="list-style-type: none"> 1. Increase in sales tax revenues. 2. Increase in property tax revenues. 3. Potential increase in hotel tax revenues. 4. Indirect positive impact to other commercial areas within the vicinity. 5. Provide NRH citizens with a high quality development. 						
Note: Reserves funding is from the Gas Development Fund Reserves designated for Economic Development. "Other" funding is a commercial loan which will be repaid from the Gas Development Fund Reserves - General Purpose.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	12/2010	09/2013	Original Budget	2009-10	\$1,937,938	
Engineering/Design			Revision	2011-12	\$150,000	
Land/ROW Acquisition	11/2009	02/2013	Total		\$2,087,938	
Construction						
Other						
Total Schedule	11/2009	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	1,661,463	0	0	0	\$1,661,463	
Sales Tax						
Other	426,475	0	0	0	\$426,475	
Total Funding	\$2,087,938	\$0	\$0	\$0	\$2,087,938	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services	100,000	0	0	0	\$100,000	
Engineering/Design						
Land/ROW Acquisition	1,837,938	0	0	0	\$1,837,938	
Construction	150,000	0	0	0	\$150,000	
Other						
Total Costs	\$2,087,938	\$0	\$0	\$0	\$2,087,938	
Operating Impact						
Minimal operating impact expected						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	SH 121/183 & Bedford-Road Access Plan				ED1001	
Project Description						
A small but significant amount of NRH falls along SH 121/183 portion of the North Tarrant Express. Current conditions warrant the City to re-examine suboptimal access to adjoining highways, internal site circulation and site connectivity for 65 acres of commercial property along Bedford-Eules Road that straddles SH 121/183. The goal of this project is to improve transportation access and mobility that fosters an increase in taxable sales and property value. Ultimately this project will provide TxDOT the necessary impact analysis and geometric alternative designs for the North Tarrant Express, as well as site plan alternatives to commercial property owners eager for City guidance and direction.						
Project Justification						
Over time, this area has experienced declines in retail occupancy, taxable sales and appraised property values. Access is considered the major source for this decline. The only exit, westbound Bedford-Eules along SH 121/183 is slated to move further east, while access from the east and south is to remain non-existent.						
The North Tarrant Express project provides a one-time opportunity to improve existing conditions and prevent further deterioration.						
Note: Source of funding is from Economic Development Sales Tax reserves						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services	10/2009	09/2013	Original Budget	2009-10	\$50,000	
Engineering/Design			Adopted Budget	2010-11	\$50,000	
Land/ROW Acquisition			Total		\$100,000	
Construction						
Other						
Total Schedule	10/2009	09/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services	50,000	0	0	0	\$50,000	\$100,000
Engineering/Design	50,000	0	0	0	\$50,000	\$0
Land/ROW Acquisition						
Construction						
Other						
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000	\$100,000
Operating Impact						
No operating impact is anticipated for this project						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

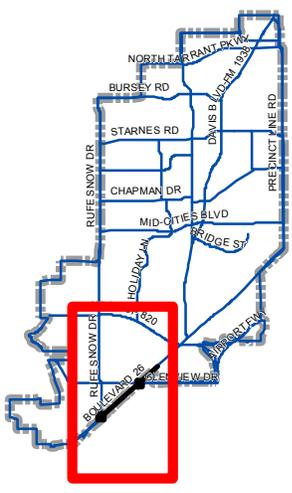
Economic Development Capital Projects						
Department	Project Title				Project Number	
Economic Development	Sign Removal Assistance Program				PW0402	
Project Description						
This project assists North Richland Hills businesses who voluntarily choose to remove their non-conforming signs. This project is a cooperative effort between the Planning and Development Department and the Economic Development Department.						
Project Justification						
Supports the 2001 City Image Study that details issues concerning visual clutter along the City's thoroughfares. In response, the City Council adopted a program that assists the voluntary removal of non-conforming signs in the 2003-2004 Capital Improvement Budget. Business owners are not required to remove their signs; however, they may opt for city assistance should they choose to do so. In concert with the Business Improvement and Growth (BIG) program, business owners can partner with the City on each site-specific project by contacting or working with staff for inclusion in the Sign Removal Assistance Program. New business owners cannot modify or change their non-conforming signs except under very limited conditions.						
For eligible BIG program participants, the maximum sign removal assistance provided is \$2,000 per program participant.						
Note: The source of funds originate from the General Fund 'pay-as-you-go' reserve.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2003-04	\$20,000	
Engineering/Design			Revision	2007-08	\$20,000	
Land/ROW Acquisition			Revision	2009-10	\$10,000	
Construction			Total		\$50,000	
Other	10/2003	10/2013				
Total Schedule	10/2003	10/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-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	2012-13 Budget	2013-14 Estimate	2014-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	2012-13	2013-14	2014-15	2015-16	2016-17	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



NORTH RICHLAND HILLS

Project Locator Map



**TIF #1 Expansion -
Intersection Improvements
and Utility Burial**

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.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2005-06	\$450,000	
Engineering/Design	05/2006	08/2012	Revision	2008-09	\$3,050,000	
Land/ROW Acquisition			Total		\$3,500,000	
Construction	08/2010	12/2013				
Other	03/2007	10/2011				
Total Schedule	05/2006	12/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation	1,000,000	0	2,500,000	0	\$3,500,000	
Federal/State Grants						
Reserves						
Sales Tax						
Other						
Total Funding	\$1,000,000	\$0	\$2,500,000	\$0	\$3,500,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design	550,000	0	0	0	\$550,000	
Land/ROW Acquisition	450,000	0	0	0	\$450,000	
Construction	0	0	2,500,000	0	\$2,500,000	
Other						
Total Costs	\$1,000,000	\$0	\$2,500,000	\$0	\$3,500,000	
Operating Impact						
Minimal operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	Wayfinding Signage				ED1101	
Project Description						
Wayfinding is the methodology of providing indicators to guide people to their destinations. Signs improve mobility and are integral to a clearly designed wayfinding program. The central sector of the City contains numerous local and regional destinations where Wayfinding signage will serve as an enhanced guide.						
Project Justification						
There are numerous regional destinations within North Richland Hills that enhance the City's image and exemplify the Council goal of 'Positive City Image'. Placement of wayfinder signs to these destinations will be done in phases.						
Phase I will be the central sector of the City within Harwood, Boulevard 26, Precinct Line, Mid Cities and Davis Boulevard. Central sector destinations include: NRH20, NRH Library, NYTEX, TCC, Birdville ISD Fine Arts and Athletic Complex, in addition to the future NRH Recreation Center and possible Performing Arts Center. It is projected that Phase I will require 15 total signs to sufficiently cover this area. Each sign will conform with the City image study and will be designed to accommodate additional future destinations.						
Note: Recommended source of funding is the Economic Development Sales Tax Reserves and Promotional Fund.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Adopted Budget	2010-11	\$75,000	
Engineering/Design			Revision	2011-12	\$25,000	
Land/ROW Acquisition	10/2010	05/2013	Total		\$100,000	
Construction	05/2013	10/2013				
Other						
Total Schedule	10/2010	10/2013				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	75,000	0	0	0	\$75,000	
Sales Tax						
Other	25,000	0	0	0	\$25,000	
Total Funding	\$100,000	\$0	\$0	\$0	\$100,000	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition	25,000	0	0	0	\$25,000	
Construction	75,000	0	0	0	\$75,000	
Other						
Total Costs	\$100,000	\$0	\$0	\$0	\$100,000	
Operating Impact						
Minimal operating impact expected						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

**Schedule 9
CIP Personnel Capital Projects
Budget Summary**

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
- - General CIP Personnel Costs	404,834	402,372	0	0	\$ 807,206
- - Municipal Facilities Project Funding	0	0	0	0	\$ 0
- - Utility CIP Personnel	401,808	403,609	0	0	\$ 805,417
- - Utility Construction Personnel	785,197	820,000	0	0	\$ 1,605,197
- - Utility Construction Project Funding	-755,000	-820,000	0	0	\$ -1,575,000
Total Continuing Projects	\$ 836,839	\$ 805,981	\$ 0	\$ 0	\$ 1,642,820
Total Project Costs	\$ 836,839	\$ 805,981	\$ 0	\$ 0	\$ 1,642,820
<u>Funding Sources</u>					
Reserves					
General CIP Reserves and Interest Income	404,834	402,372	0	0	807,206
Utility Reserves and Interest Income	1,187,005	1,223,609	0	0	2,410,614
Municipal Facilities Project Funding	0	0	0	0	0
Utility Construction Project Funding	-755,000	-820,000	0	0	-1,575,000
Total Reserves	\$ 836,839	\$ 805,981	\$ 0	\$ 0	\$ 1,642,820
Total Sources of Funds	\$ 836,839	\$ 805,981	\$ 0	\$ 0	\$ 1,642,820

NRH

Schedule 10 Other Capital Projects Budget Summary

Pg. Map No. ID	Project To Date	2012/13 Adopted	2013/14 Estimated	2014 To Completion	Total
<u>Project Costs</u>					
Continuing Projects					
220 - Atmos Residential Energy Efficiency Program	10,000	35,000	35,000	20,000	\$ 100,000
221 - Litter Not Program	8,531	13,969	2,500	0	\$ 25,000
222 - Long Term Energy Efficiency EECBG (ARRA)	120,000	0	0	0	\$ 120,000
223 - Neighborhood Initiative Program	154,658	52,500	0	0	\$ 207,158
Total Continuing Projects	\$ 293,189	\$ 101,469	\$ 37,500	\$ 20,000	\$ 452,158
Total Project Costs	\$ 293,189	\$ 101,469	\$ 37,500	\$ 20,000	\$ 452,158
<u>Funding Sources</u>					
Federal/State Grants					
ARRA Stimulus Grant	120,000	0	0	0	120,000
Total Federal/State Grants	\$ 120,000	\$ 0	\$ 0	\$ 0	\$ 120,000
Reserves					
Other	154,658	32,500	0	0	187,158
Total Reserves	\$ 154,658	\$ 32,500	\$ 0	\$ 0	\$ 187,158
Other					
Donations Fund	0	20,000	0	0	20,000
Other	18,531	48,969	37,500	20,000	125,000
Total Other	\$ 18,531	\$ 68,969	\$ 37,500	\$ 20,000	\$ 145,000
Total Sources of Funds	\$ 293,189	\$ 101,469	\$ 37,500	\$ 20,000	\$ 452,158

Other Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	Atmos Residential Energy Efficiency Program				ES1201	
Project Description						
The City has a contract with Atmos to provide low income NRH residents with energy efficient measures to their homes such as wall and attic insulation, duct sealing, repair/replacement of hot water heaters, caulking. This is a reimbursement type grant. An audit of the home is performed before and after the energy efficiency measures are completed to report the effectiveness of the work. Atmos allows up to \$1,500 per home.						
Project Justification						
This grant funding will provide energy efficiency to low income residents making their homes safer, more marketable and reduce their energy bills as well as the amount of energy used.						
Other funding is provided by the Residential Energy Efficiency Program Grant from ATMOS Energy.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Revision	2011-12	\$10,000	
Engineering/Design			Adopted Budget	2012-13	\$90,000	
Land/ROW Acquisition			Total		\$100,000	
Construction						
Other	10/2012	09/2013				
Total Schedule	10/2012	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	10,000	35,000	35,000	20,000	\$100,000	
Total Funding	\$10,000	\$35,000	\$35,000	\$20,000	\$100,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	10,000	35,000	35,000	20,000	\$100,000	\$0
Total Costs	\$10,000	\$35,000	\$35,000	\$20,000	\$100,000	\$0
Operating Impact						
No operating impact is anticipated.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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 projects provides educational materials and other items necessary to communicate to our citizens the importance of not littering 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 are placed in our rights-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.						
Additional funding in FY12-13 and FY13-14 provided by one-time funding via a TXU Settlement.						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2010-11	\$8,531	
Engineering/Design			Adopted Budget	2012-13	\$16,469	
Land/ROW Acquisition			Total		\$25,000	
Construction						
Other	10/2007	09/2013				
Total Schedule	10/2007	09/2013				
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves						
Sales Tax						
Other	8,531	13,969	2,500	0	\$25,000	
Total Funding	\$8,531	\$13,969	\$2,500	\$0	\$25,000	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	8,531	13,969	2,500	0	\$25,000	\$4,459
Total Costs	\$8,531	\$13,969	\$2,500	\$0	\$25,000	\$4,459
Operating Impact						
There is no operational impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	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	Long Term Energy Efficiency EECBG (ARRA)				ES1001	
Project Description						
This project is a weatherization program where the City helps lower income residents make energy efficiency improvements to their homes. Improvements include replacement, service or repair of inefficient hot water heaters, furnaces, air conditioning units & refrigerators, insulation for walls and ceilings, modern double-glazed windows, shade trees to be planted on the West and South side of homes to reduce heat, light colored paint to reflect the heat, caulk and weather stripping to plug air leaks around doors and windows.						
Project Justification						
This grant program will be partnered with NIP programs to help revitalize older neighborhoods in North Richland Hills.						
Funding is from the Energy Efficiency Conservation Block Grant Program as part of the American Recovery and Reinvestment Act stimulus package.						
Project Schedule						
	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2009-10	<u>\$120,000</u>	
Engineering/Design			Total		<u>\$120,000</u>	
Land/ROW Acquisition						
Construction	05/2010	11/2012				
Other						
Total Schedule	<u>05/2010</u>	<u>11/2012</u>				
Sources of Funds						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants	120,000	0	0	0	\$120,000	
Reserves						
Sales Tax						
Other						
Total Funding	<u>\$120,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$120,000</u>	
Project Costs						
	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction	120,000	0	0	0	\$120,000	
Other						
Total Costs	<u>\$120,000</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$120,000</u>	
Operating Impact						
None.						
Fiscal Year						
	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>
Total Operating Impact	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>	<u>\$0</u>

Other Capital Projects						
Department	Project Title				Project Number	
Neighborhood Services	Neighborhood Initiative Program				ES0901	
Project Description						
<p>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. Staff is now expanding the Neighborhood Initiative Program even further, to provide cash incentives for residential homeowners to reinvest in their homes and to provide some monetary support to large volunteer groups helping with larger exterior and interior renovations.</p>						
Project Justification						
<p>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.</p> <p>Funding source is Other - anticipating \$20,000 in contributions from various local churches and business, and \$32,500 from TXU Settlement funds.</p> <p>This project is being used as the 30% match for the HOME Investments Partnership Program.</p>						
Project Schedule	Beginning Date	Ending Date	History	Fiscal Year	Amount	
Professional Services			Original Budget	2008-09	\$105,942	
Engineering/Design			Revision	2009-10	\$28,716	
Land/ROW Acquisition			Revision	2010-11	\$15,000	
Construction			Revision	2011-12	\$5,000	
Other	01/2004	09/2013	Adopted Budget	2012-13	\$52,500	
Total Schedule	01/2004	09/2013	Total		\$207,158	
Sources of Funds	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Funding	
General Obligation Bonds						
Certificates of Obligation						
Federal/State Grants						
Reserves	154,658	32,500	0	0	\$187,158	
Sales Tax						
Other	0	20,000	0	0	\$20,000	
Total Funding	\$154,658	\$52,500	\$0	\$0	\$207,158	
Project Costs	To Date	2012-13 Budget	2013-14 Estimate	2014-Completion	Total Cost	Expense/Enc
Professional Services						
Engineering/Design						
Land/ROW Acquisition						
Construction						
Other	154,658	52,500	0	0	\$207,158	\$54,460
Total Costs	\$154,658	\$52,500	\$0	\$0	\$207,158	\$54,460
Operating Impact						
No operating impact.						
Fiscal Year	2012-13	2013-14	2014-15	2015-16	2016-17	Total Impact
Amount	\$0	\$0	\$0	\$0	\$0	\$0
Total Operating Impact	\$0	\$0	\$0	\$0	\$0	\$0

NRH

Schedule 11
2011/2012 Budget Revisions
Budget Summary

Page No	Project Number	Project Name	Adopted Through 2011/2012	Revision 2011/2012	2011/12 Revised Budget	Remaining Amount	Total
STREET & SIDEWALK CAPITAL PROJECTS							
227	ST0801	Douglas Lane Street and Utility Imp. (Hightower Dr. to Starnes Rd.) - Closing in FY 11/12	\$1,950,000	(\$100,000)	\$1,850,000	\$0	\$1,850,000
228	ST1006	Glenview Dr. Street Lighting (Honey Ln. West to Diamond Loch) - Closing in FY 11/12	61,000	16,000	77,000	0	77,000
229	ST0201	North Tarrant Pkwy. Street Imp. (Davis to Whitley Road)	18,257,150	182,167	18,439,317	0	18,439,317
230	ST1003	Terry Drive Street Imp. (Susan Lee Ln. to North Richland Blvd.) - Closing in FY 11/12	414,871	4,417	419,288	0	419,288
231	ST1005	Traffic Signalization at Davis Boulevard & Creek View Drive	300,000	0	300,000	0	300,000
		Sub-Total	\$20,983,021	\$102,584	\$21,085,605	\$0	\$21,085,605
DRAINAGE CAPITAL PROJECTS							
232	DR0901	Briarwood Estates Drainage Improvements - Closing in FY 11/12	\$1,945,000	(\$100,000)	\$1,845,000	\$0	\$1,845,000
233	DR1002	Heidelberg Court Drainage Improvements	130,000	0	130,000	0	130,000
234	DR1202	Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements)	0	200,000	200,000	0	200,000
		Sub-Total	\$2,075,000	\$100,000	\$2,175,000	\$0	\$2,175,000
UTILITY CAPITAL PROJECTS							
235	UT1101	Burseley Elevated Tank Rehabilitation - Closing in FY 11/12	\$900,000	\$175,000	\$1,075,000	\$0	\$1,075,000
236	UT1203	Sanitary Sewer System Rehabilitation of Main Lines (Phase I)	3,000,000	(1,500,000)	1,500,000	0	1,500,000
237	CDBG12	Scruggs Drive Sanitary Sewer Rehabilitation [CDBG]	0	200,091	200,091	0	200,091
		Sub-Total	\$3,900,000	(\$1,124,909)	\$2,775,091	\$0	\$2,775,091
PARKS & RECREATION CAPITAL PROJECTS							
238	PK1201	Adventure World Playground Renovation (2011)	\$500,000	\$0	\$500,000	\$0	\$500,000
239	PK1102	Community Garden - Closing in FY 11/12	50,000	10,000	60,000	0	60,000
240	PK1203	Parks Infrastructure Maintenance (2012) - Closing in FY 11/12	192,000	25,000	217,000	0	217,000
		Sub-Total	\$742,000	\$35,000	\$777,000	\$0	\$777,000
AQUATIC PARK CAPITAL PROJECTS							
241	WP1002	New Attraction (2011) - Closing in FY11/12	\$1,900,000	\$72,151	\$1,972,151	\$0	\$1,972,151
		Sub-Total	\$1,900,000	\$72,151	\$1,972,151	\$0	\$1,972,151
MUNICIPAL FACILITY CAPITAL PROJECTS							
242	FC1204	Loop 820 Expansion Preparation	\$0	\$103,520	\$103,520	\$0	\$103,520
243	FC1205	Municipal Government Complex	0	25,000,000	25,000,000	45,000,000	70,000,000
244	ES0201	NRH Animal Adoption & Rescue Center - New Facility	3,413,850	0	3,413,850	0	3,413,850
		Sub-Total	\$3,413,850	\$25,103,520	\$28,517,370	\$45,000,000	\$73,517,370
MAJOR CAPITAL EQUIPMENT CAPITAL PROJECTS							
245	UT1210	Directional Drill Boring Machine Replacement - Closing in FY 11/12	\$260,000	\$14,873	\$274,873	\$0	\$274,873
246	FS1201	Dump Truck Replacement Unit 683 (2012) - Closing in FY11/12	100,000	0	100,000	0	100,000
247	FS1202	Sewer Cleaning Equipment Replacement for Unit 5501(2012) - Closing in FY11/12	85,000	0	85,000	0	85,000
		Sub-Total	\$445,000	\$14,873	\$459,873	\$0	\$459,873

Schedule 11
2011/2012 Budget Revisions
Budget Summary

Page No	Project Number	Project Name	Adopted Through 2011/2012	Revision 2011/2012	2011/12 Revised Budget	Remaining Amount	Total
<u>ECONOMIC DEVELOPMENT CAPITAL PROJECTS</u>							
248	ED1201	Economic Development Land Purchase - Closing in FY 11/12	\$0	\$586,454	\$586,454	\$0	\$586,454
249	ED1101	Wayfinding Signage	75,000	25,000	100,000	-	100,000
		Sub-Total	<u>\$75,000</u>	<u>\$611,454</u>	<u>\$686,454</u>	<u>\$0</u>	<u>\$686,454</u>
<u>OTHER CAPITAL PROJECTS</u>							
250	ES1201	Atmos Residential Energy Efficiency Program	\$0	\$10,000	\$10,000	\$0	\$10,000
		Sub-Total	<u>\$0</u>	<u>\$10,000</u>	<u>\$10,000</u>	<u>\$0</u>	<u>\$10,000</u>
		Total All Projects	<u>\$33,533,871</u>	<u>\$24,924,673</u>	<u>\$58,458,544</u>	<u>\$45,000,000</u>	<u>\$103,458,544</u>
<u>SOURCES OF FUNDS</u>							
		General Obligation Bonds	\$8,335,000	\$24,904,417	\$33,239,417	\$23,000,000	\$56,239,417
		Certificates of Obligations	7,895,000	(1,766,892)	6,128,108	22,000,000	28,128,108
		Federal / State Grants	9,750,000	200,091	9,950,091	0	9,950,091
		Reserves	2,683,935	1,005,485	3,689,420	0	3,689,420
		Sales Tax	742,000	0	742,000	0	742,000
		Other	4,127,936	581,572	4,709,508	0	4,709,508
		Total Sources of Funds	<u>\$33,533,871</u>	<u>\$24,924,673</u>	<u>\$58,458,544</u>	<u>\$45,000,000</u>	<u>\$103,458,544</u>

Street & Sidewalk Capital Projects
Douglas Lane Street and Utility Imp. (Hightower Dr. to Starnes Rd.)

ST0801

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the reconstruction and widening of 2700 linear feet of an existing 2 lane asphalt roadway with bar ditches. Douglas Lane is classified as a minor collector street on the City's Master Thoroughfare Plan and will be widened to a 40 foot wide concrete street. This project will also consist of relocating the City's 8" water and sewer mains within new right-of-way that will be purchased with this project. The bar ditches will be eliminated and the drainage will be collected in the street as well as a newly built underground drainage utility system.

This section of Douglas Lane was constructed in the 1950's prior to any development taking place within the proximity of the roadway. Since the original construction of this section of Douglas the area has experienced substantial development. Currently, two schools are located at Douglas and Starnes. Traffic volumes have increased and lack of side walks cause school children walk in the streets to avoid bar ditches. The street and utility improvements are necessary to ease traffic congestion and pedestrian walking safety.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	10/2007	04/2008	09/2008	04/2009
Land/ROW Acquisition	07/2008	02/2009	07/2009	05/2010
Construction	10/2009	02/2011	01/2011	02/2012
Other				

REVISION EXPLANATION

Savings from this project in the amount of \$100,000 will be transferred to project DR1202 Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements).

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	\$1,200,000	(\$100,000)	\$1,100,000		\$1,100,000
Certificates of Obligation	700,000		700,000		\$700,000
Other-Project Savings from Utility Imp.	50,000		50,000		\$50,000
			0		\$0
			0		\$0
Total	\$1,950,000	(\$100,000)	\$1,850,000	\$0	\$1,850,000
PROJECT EXPENDITURES					
Professional Services	\$0	\$0	\$0	\$0	\$0
Engineering/Design	242,200		242,200		\$242,200
Land/ROW Acquisition	302,800	(83,442)	219,358		\$219,358
Construction	1,405,000	(16,558)	1,388,442		\$1,388,442
Other			0		\$0
Total	\$1,950,000	(\$100,000)	\$1,850,000	\$0	\$1,850,000

IMPACT ON OPERATING BUDGET

There is no anticipated impact on the operating budget.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Glenview Dr. Street Lighting (Honey Ln. West to Diamond Loch)

ST1006

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of replacing the existing street lighting units along Glenview Drive from Honey Lane west to Diamond Loch Drive with the North Richland Hills standards street lighting units. These standard street lighting units currently exist along Glenview Drive from Rufe Snow Drive west to Honey Lane

The City has received numerous requests to install the North Richland Hills standard lighting units in the corridor since the completion of the street lighting unit installation in the section of Rufe Snow west to Honey Lane.

Note: It is anticipated that one or two street light locations within this corridor will need additional easements granted in order to install the street light units in the appropriate locations. The reserves funding identified is from the 1994 Bond program project savings.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	01/2011		03/2011	
Land/ROW Acquisition	03/2011		05/2011	
Construction	06/2011	03/2012	12/2011	07/2012
Other				

REVISION EXPLANATION

The additional funding is needed for lighting the remainder of the Glenview Drive corridor west (of the current project's end point) to the City's city limits. Authorizing the additional \$16,000 now and installing these remaining street lighting units with the current project will be considerably less expensive than the costs for additional engineering and installation of these remaining street lighting units as a separate project in a future Capital Projects Budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
1994 Bond Program Project Reserves	\$61,000		\$61,000		\$61,000
Gen. Capital Project Misc. Street Savings	0	16,000	16,000		\$16,000
			0		\$0
			0		\$0
			0		\$0
Total	\$61,000	\$16,000	\$77,000	\$0	\$77,000
PROJECT EXPENDITURES					
Professional Services	\$0	\$664	\$664		\$664
Engineering/Design	20,800	(7,700)	13,100		\$13,100
Land/ROW Acquisition	2,500	(2,500)	0		\$0
Construction	37,700	25,536	63,236		\$63,236
Other			0		\$0
Total	\$61,000	\$16,000	\$77,000	\$0	\$77,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
North Tarrant Pkwy. Street Imp. (Davis to Whitley Rd)

ST0201

PROJECT DESCRIPTION & JUSTIFICATION

This project is for the widening and reconstruction of 20,000 feet of roadway. The design estimate is based on 10" of reinforced concrete pavement over lime-stabilized subgrade. Also included is irrigation, pavers, beams, trees, shrubs and street lighting. The NRH section will be constructed to NRH standards, and the Keller section to Keller standards. An interlocal agreement has been approved with the City of Keller to include the additional section located in the City of Keller. Traffic volumes and congestion have increased in the northern part of the City over the past few years. Widening North Tarrant Parkway will reduce the traffic congestion and provide additional capacity for the growth expected in NE Tarrant County.

Total Project Costs: The "Other" expenditures in 2011-2012 represents bond funds sold for the project prior to award of the construction contract. These funds will cover unexpected utility relocations and/or construction costs.

The "Federal/State Grants" is Tarrant County funds. The "Other" is the Keller share. \$1,600,000 in General Obligation Bonds is from the 1994 Bond Program, \$3,860,000 is from the 2003 Bond Program and the Reserves are project savings.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services	09/2002		08/2005	
Engineering	11/2005		10/2009	
Land/ROW Acquisition	05/2009		11/2009	
Construction	03/2010		02/2012	12/2012
Other				

REVISION EXPLANATION

Keller desires the installation of traffic signals at a new street (Keller-Smithfield Road) in their city that intersects with North Tarrant Parkway. While Keller and/or Tarrant County will wholly reimburse NRH for the cost of installing these traffic signals, NRH, as the lead city on this project, will need to initially make payments to the contractor when such payments are due.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	\$5,460,000		\$5,460,000		\$5,460,000
Certificates of Obligation	500,000		500,000		\$500,000
Federal/State Grants	9,750,000		9,750,000		\$9,750,000
Reserves	47,150		47,150		\$47,150
Other	2,500,000	182,167	2,682,167		\$2,682,167
Total	\$18,257,150	\$182,167	\$18,439,317	\$0	\$18,439,317
PROJECT EXPENDITURES					
Professional Services	\$0	\$0	\$0	\$0	\$0
Engineering/Design	1,699,650	177,632	1,877,282		\$1,877,282
Land/ROW Acquisition	70,000	(132)	69,868		\$69,868
Construction	15,000,000	182,167	15,182,167		\$15,182,167
Other	1,487,500	(177,500)	1,310,000		\$1,310,000
Total	\$18,257,150	\$182,167	\$18,439,317	\$0	\$18,439,317

IMPACT ON OPERATING BUDGET

No additional impact is projected with this project.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Terry Drive Street Imp. (Susan Lee Ln. to North Richland Blvd.)

ST1003

PROJECT DESCRIPTION & JUSTIFICATION

This street is identified on the Master thoroughfare Plan as a Residential, 2 Lane, Undivided (R2U). This project will begin at Susan Lee Ln. and will end at North Richland Blvd. Currently, the existing street consists of asphalt pavement. This project will consist of reconstructing approximately 1,100 linear feet of the asphalt pavement with concrete pavement and providing drainage improvements necessary to comply with the current city standards. This section of Terry Dr. was originally constructed in 1973 as an asphalt street. The average life of an asphalt street is 20 years. The current street condition rating is 40. 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. The original project scope did not include sanitary sewer reconstruction as it was operating with no significant problems. Recently, service-related issues have developed in this area. It is now the City's policy to replace non-PVC sanitary sewer mains located beneath roadway pavement during a street reconstruction project. The G.O. Bonds are from the 2003 Bond Program. Reserve funding is Utility Fund Construction project savings.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	05/2010		10/2010	
Land/ROW Acquisition				
Construction	03/2011		12/2011	
Other				

REVISION EXPLANATION

A revision was needed in order to cover the overage for this project. Money came from encumbered funds in the engineering account, as well as funds that were left over from another project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
General Obligation Bonds	\$375,000	\$4,417	\$379,417	\$0	\$379,417
Reserves	39,871		39,871		\$39,871
			0		\$0
			0		\$0
			0		\$0
Total	\$414,871	\$4,417	\$419,288	\$0	\$419,288
<u>PROJECT EXPENDITURES</u>					
Professional Services	\$0	\$0	\$0	\$0	\$0
Engineering/Design	53,300	(6,071)	47,229		\$47,229
Land/ROW Acquisition			0		\$0
Construction	361,571	10,488	372,059		\$372,059
Other			0		\$0
Total	\$414,871	\$4,417	\$419,288	\$0	\$419,288

IMPACT ON OPERATING BUDGET

No anticipated operating impact.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Street & Sidewalk Capital Projects
Traffic Signalization at Davis Boulevard & Creek View Drive

ST1005

PROJECT DESCRIPTION & JUSTIFICATION

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. 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. Reserves is from the GCIP GO Bonds project savings (\$65,000) and 1994 GO Bond Election project savings (\$235,000).

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	05/2010		04/2012	09/2012
Land/ROW Acquisition				
Construction	10/2010	10/2012	04/2012	04/2013
Other				

REVISION EXPLANATION

During the budget year, it was determined that additional studies be performed on this project. Therefore, funds were transferred to Engineering to cover the additional costs.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$300,000		\$300,000		\$300,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$300,000	\$0	\$300,000	\$0	\$300,000
PROJECT EXPENDITURES					
Professional Services	\$0	\$0	\$0	\$0	\$0
Engineering/Design	65,000	44,000	109,000		\$109,000
Land/ROW Acquisition			0		\$0
Construction	235,000	(44,000)	191,000		\$191,000
Other			0		\$0
Total	\$300,000	\$0	\$300,000	\$0	\$300,000

IMPACT ON OPERATING BUDGET

Maintenance costs

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	1,083	1,300	1,300	0	\$3,683

Drainage Capital Projects

Briarwood Estates Drainage Improvements

DR0901

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of constructing a parallel storm drain system beginning at the intersection of Briarwood Drive and Nonemane Street continuing south tying into the existing concrete lined channel at the end of Hewitt St. Approximately 3,300 L.F. reinforcement concrete storm drain pipe ranging from 24-inch diameter will be constructed with this project, with approximately 50% of the storm drain pipe being 60 inch diameter. The storm drain pipe and curb inlets will be designed and constructed to handle the difference in runoff resulting from the changes in this subdivision was constructed (1972) to the City's current criteria. Briarwood Estates was originally designed in 1972 in accordance with the drainage criteria in place at the time. As of today, the drainage design criteria for the City has changed over the years. Drainage improvements are need to address flooding issues residents are experiencing during storm events.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	01/2009		04/2010	
Land/ROW Acquisition				
Construction	05/2010		10/2010	
Other				

REVISION EXPLANATION

Savings from this project in the amount of \$100,000 will be transferred to project DR1202 Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements).

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Certificates of Obligation	\$1,785,000	(\$81,892)	\$1,703,108		\$1,703,108
2001 CO Project Savings in 94 BE	160,000	(18,108)	141,892		\$141,892
			0		\$0
			0		\$0
			0		\$0
Total	\$1,945,000	(\$100,000)	\$1,845,000	\$0	\$1,845,000
<u>PROJECT EXPENDITURES</u>					
Professional Services	\$0	\$0	\$0	\$0	\$0
Engineering/Design	170,000		170,000		\$170,000
Land/ROW Acquisition			0		\$0
Construction	1,775,000	(100,000)	1,675,000		\$1,675,000
Other			0		\$0
Total	\$1,945,000	(\$100,000)	\$1,845,000	\$0	\$1,845,000

IMPACT ON OPERATING BUDGET

There is no anticipated impact on the operating budget.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Drainage Capital Projects
Heidelberg Court Drainage Improvements

DR1002

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of converting the existing storm drain inlet in Heidelberg Court to an "open back" inlet and then constructing an overflow concrete drainage flume from the back of this storm drain inlet that would tie into an existing concrete flume system which collects and directs storm water from adjacent properties and into Jester Court. The new overflow flume would be designed to eliminate public storm water from traveling through private property.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	06/2010	06/2011	07/2011	06/2012
Land/ROW Acquisition	08/2010		06/2011	04/2012
Construction	08/2011	07/2012	04/2012	12/2012
Other				

REVISION EXPLANATION

Transferring funds from the Engineering account to the Construction account to cover project expenditures.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$25,000	\$0	\$25,000	\$0	\$25,000
Reserves	105,000	0	105,000	0	\$105,000
			0		\$0
			0		\$0
			0		\$0
Total	\$130,000	\$0	\$130,000	\$0	\$130,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	24,000	399	24,399	0	\$24,399
Land/ROW Acquisition	10,000	0	10,000	0	\$10,000
Construction	96,000	(399)	95,601	0	\$95,601
Other			0		\$0
Total	\$130,000	\$0	\$130,000	\$0	\$130,000

IMPACT ON OPERATING BUDGET

No anticipated operating impact.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Drainage Capital Projects

Shadywood Ln & Davis Blvd (Drainage and Signalization Improvements)

DR1202

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of the City constructing the necessary drainage and signal light improvements to accommodate the future crossing of the Little Bear Creek Trail at Davis Boulevard and Shadywood. The drainage improvements will consist of the extension of five 7'X4' Box Culverts and the construction of a new concrete headwall. The signal light improvements will consist of the relocation of the traffic control cabinet and equipment to accommodate the construction of the eastbound section of Shadywood which will allow the Little Bear Creek Trail to cross Davis Boulevard at a signalized intersection. The signal light improvements will also include the installation of the signal light and pedestrian crossings at Shadywood and Davis Boulevard for the trail crossing. This project will allow the users of the trail to cross at a signalized intersection. This project will be constructed by the Developer for the Thornbridge West Subdivision. The City will pay the Developer in full for the construction of this project after the project has been accepted by the City.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction		09/2012		12/2012
Other				

REVISION EXPLANATION

The current location for the Little Bear Creek Trail crossing at Davis Boulevard is located approximately 100' (feet) north of the existing Shadywood. The existing conditions make it impossible for the trail to cross at Shadywood. This project will install the necessary signal light and drainage improvements to allow the trail crossing to be moved to the south and line up with Shadywood on the west side of Davis Boulevard. This will allow users of the trail to cross at a signalized intersection.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
GO Project Savings (ST0801)		\$100,000	\$100,000		\$100,000
CO Drainage Project Savings (DR0901)		100,000	100,000		\$100,000
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$200,000	\$200,000	\$0	\$200,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction		200,000	200,000		\$200,000
Other			0		\$0
Total	\$0	\$200,000	\$200,000	\$0	\$200,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	300	300	300	300	\$1,200

Utility Capital Projects Bursey Elevated Tank Rehabilitation

UT1101

PROJECT DESCRIPTION & JUSTIFICATION

This project will consist of refurbishing the interior and exterior portions of the 2 MG (million gallons) Bursey Road elevated potable water storage tank. Internal structure repairs will be made along with minor repairs such as replacing the 24 inch diameter water access hatch and replacing roof ventilation structures to meet the latest Texas Commission on Environmental Quality (TCEQ) regulations. The project will also include removing the existing chain link fence and replacing it with an 8 foot black chain link fence fabric.

The primary purpose of this project is to provide a safe water supply and to meet all TCEQ regulations concerning potable water storage tanks. Annually, staff conducts deficiency assessment for deterioration on all water storage tanks in the City. This is done so deficiencies can be identified and corrected before TCEQ performs their inspections of the water storage tanks in the City. Correcting the deficiencies before an inspection is performed by TCEQ helps the City to maintain its Superior Water rating. Staff noticed during the recent assessment of this tank that the tank bowl is rusting and the paint is deteriorating. Internal structural apparatuses are in need of repair (internal roof plates, access ladders, sidewalk plates, floor plates, and riser pipes). Typically, elevated water storage tanks need to be refurbished and repaired every 10 to 15 years to meet TCEQ regulations. This elevated storage tank was refurbished in 1994. The repairs and paint have lasted approximately 15 years.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	10/2010	05/2011	06/2011	09/2012
Land/ROW Acquisition				
Construction	07/2011	03/2012	12/2011	08/2012
Other				

REVISION EXPLANATION

During the design of the project, a detailed structural inspection was performed on the tank bowl. Several structural deficiencies were found that require correction. The deficiencies noted in the inspection report include deteriorated rafters inside the tank bowl and the replacement of all riser ladders to meet new TCEQ regulations. Correction of the deficiencies will require an overall cost increase to the project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Utility Fund Reserves	\$900,000	\$175,000	\$1,075,000		\$1,075,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$900,000	\$175,000	\$1,075,000	\$0	\$1,075,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	150,000		150,000		\$150,000
Land/ROW Acquisition			0		\$0
Construction	750,000	175,000	925,000		\$925,000
Other			0		\$0
Total	\$900,000	\$175,000	\$1,075,000	\$0	\$1,075,000

IMPACT ON OPERATING BUDGET

No impact on operating budget is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Utility Capital Projects
Sanitary Sewer System Rehabilitation of Main Lines (Phase I)

UT1203

PROJECT DESCRIPTION & 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. 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 STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering	10/2011	03/2012	09/2012	
Land/ROW Acquisition				
Construction	10/2012	11/2012	09/2013	
Other				

REVISION EXPLANATION

The project has been split into two phases.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Certificates of Obligation	\$3,000,000	(\$1,500,000)	\$1,500,000		\$1,500,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$3,000,000	(\$1,500,000)	\$1,500,000	\$0	\$1,500,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design	600,000	(300,000)	300,000		\$300,000
Land/ROW Acquisition			0		\$0
Construction	2,400,000	(1,200,000)	1,200,000		\$1,200,000
Other			0		\$0
Total	\$3,000,000	(\$1,500,000)	\$1,500,000	\$0	\$1,500,000

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Utility Capital Projects
Scruggs Drive Sanitary Sewer Rehabilitation [CDBG]
CDBG12

PROJECT DESCRIPTION & JUSTIFICATION

This is the 37th Year Community Development Block Grant (CDBG) Project. The Project will consist of the rehabilitation (pipe bursting) of approximately 1200 lineal feet of sanitary sewer within Scruggs Drive Right-of-Way between Glenview Drive and Harmonson Road. The existing sanitary sewer main is 6" diameter vitrified clay pipe that will be pipe burst with 8" diameter high-density polyethylene (HDPE) pipe. The existing clay pipe has become problematic requiring regular maintenance. The pipe has partially collapsed in areas and roots have intruded within the pipe throughout this 1200 lineal foot section. Because a portion of the existing clay pipe is located partially under pavement and another portion of the pipe is immediately next to large diameter trees, replacing this pipe via traditional open-trench construction would also require removal and replacing portions of Scruggs Drive and the removal of the large diameter trees. This type of construction would also be extremely disruptive to traffic and to the adjoining properties. Pipe bursting this sanitary sewer with HDPE pipe is cost effective as pavement will only need to be removed and replaced at those locations where sanitary sewer service laterals and manholes currently exist. Additionally, the disruption to traffic and to the adjoining properties would be minimized.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering		10/2011		01/2012
Land/ROW Acquisition				
Construction		04/2012		10/2012
Other				

REVISION EXPLANATION

The Project is 100% Grant Funded (no local funds are required) and was inadvertently not included in the adopted FY 2011-2012 Capital Projects Budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Federal State Grant	\$0	\$200,091	\$200,091		\$200,091
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$200,091	\$200,091	\$0	\$200,091
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design	0	26,099	26,099		\$26,099
Land/ROW Acquisition			0		\$0
Construction	0	173,992	173,992		\$173,992
Other			0		\$0
Total	\$0	\$200,091	\$200,091	\$0	\$200,091

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Parks & Recreation Capital Projects
Adventure World Playground Renovation (2011)

PK1201

PROJECT DESCRIPTION & JUSTIFICATION

This project will provide for a major renovation of Adventure World Playground. Major drainage improvements are being planned in and around the playground in addition to the complete replacement of the largest play area with the introduction of some shade fabric and a greater percentage of fully 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. Sidewalks in and around the playground will be replaced to assure compliance with ADA.

The playground, now seventeen years old is situated next to a rolling hillside in Cross Timbers Park. Active rain storms over the years have caused significant gully erosion throughout the entire playground and have displaced hundreds of yards of fallsafe material over the past several years. Additionally, due to heavy use and age, the playground has become out dated for continued use into the future. This project will serve to provide a safe, accessible and high quality play experience for our citizens to enjoy for years to come. This project is recognized as a high priority on the Parks, Recreation and Open Space Master Plan and the Parks Infrastructure Asset Management Plan.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services	10/2011	04/2012	02/2012	06/2013
Engineering				
Land/ROW Acquisition				
Construction	04/2012	08/2013	06/2013	02/2014
Other				

REVISION EXPLANATION

Funds are requested to be transferred from Construction to Professional Services to cover the cost of Professional Services for the design contract with Dunaway. The design fee is \$49,600 plus \$2,500 in reimbursable expenses for a total of \$52,100. The original estimate for professional services was \$50,000.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	\$500,000	\$0	\$500,000		\$500,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$500,000	\$0	\$500,000	\$0	\$500,000
PROJECT EXPENDITURES					
Professional Services	\$50,000	\$2,100	\$52,100		\$52,100
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	450,000	(2,100)	447,900		\$447,900
Other			0		\$0
Total	\$500,000	\$0	\$500,000	\$0	\$500,000

IMPACT ON OPERATING BUDGET

There is no impact to the operating budget.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Parks & Recreation Capital Projects

Community Garden

PK1102

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for the development of a space designed to promote and encourage community gardening and greening by volunteers and supporters within the community. The project will provide for the installation of raised planting beds, irrigation, equipment and tool storage, soil, mulch and composting bins, and fencing. Consistent with other community garden projects, the City will seek partnership with community groups to identify an appropriate location.

Community gardening improves people's quality of life by providing a catalyst for neighborhood and community development, stimulating social interaction, encouraging self-reliance, producing nutritious food, reducing family food budgets, conserving resources and creating opportunities for recreation, exercise, therapy and education.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services	10/2010		03/2011	
Engineering				
Land/ROW Acquisition				
Construction	04/2011		07/2011	
Other				

REVISION EXPLANATION

Original budget did not account for \$10,000 donation in Home Depot Gift Cards received. The revision accounts for this donation and the associated expense.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	\$50,000	\$0	\$50,000	\$0	\$50,000
Other	0	10,000	10,000		\$10,000
			0		\$0
			0		\$0
			0		\$0
Total	\$50,000	\$10,000	\$60,000	\$0	\$60,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	50,000	10,000	60,000	0	\$60,000
Other			0		\$0
Total	\$50,000	\$10,000	\$60,000	\$0	\$10,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Parks & Recreation Capital Projects

Parks Infrastructure Maintenance (2012)

PK1203

PROJECT DESCRIPTION & JUSTIFICATION

This project provides for maintenance of park infrastructure in response to use and age. The Parks and Recreation Department developed an Asset Management Plan for park amenities. The plan addresses the long term funding needs for replacement and renovation of park amenities, demonstrating stewardship of property assets by the City. Funding is included to address drainage issues at Ace Park, Clyde Zellers Park, the North Electric Trail, and Green Valley Park. Additional projects include the repair and replacement of fencing at Clyde Zellers Park, replacement of pond fountains at HomeTown Lakes, enlargement of dugouts at Richfield Park, and re-lamping of light standards on selected athletic fields.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction	10/2011	10/2011	09/2012	09/2012
Other				

REVISION EXPLANATION

Other funding source for \$25,000 is an insurance settlement check received from Continental Casualty Company (CNA) for damage to the Cotton Belt Trail. These funds are being used to offset the cost of trail repairs. The Funding and Expenditures for PK1203 are requested to be increased to cover the addition of these funds.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Sales Tax	\$192,000		\$192,000		\$192,000
Other		25,000	25,000		\$25,000
			0		\$0
			0		\$0
			0		\$0
Total	\$192,000	\$25,000	\$217,000	\$0	\$217,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	192,000	25,000	217,000		\$217,000
Other			0		\$0
Total	\$192,000	\$25,000	\$217,000	\$0	\$217,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Aquatic Park Capital Projects

New Attraction (2011)

WP1002

PROJECT DESCRIPTION & JUSTIFICATION

This attraction, located in the southwest area of the facility near the Accelerator, is planned to be an "off the shelf" attraction customized for installation at NRH2O. The project revision is for the design and installation of a three-part raft conveyor system adjacent to the Viper waterslide to transport the rafts from the run out pool to the top of the tower. The project includes a ground level loading conveyor, a vertical conveyor and a discharge/launch conveyor at the top tower.

This attraction will reach multiple audience demographics and will provide increased capacity for the park and additional experiences for guests. Each raft for the Viper raft is approximately 67" in diameter and while guests have expressed their enjoyment of the ride experience, they have also expressed frustration with carrying the large rafts up to the top of the tower. Carrying the rafts has been challenging for smaller riders and for some adults. This project will greatly increase the overall guest experience from the Viper, and will reduce the time spent to maintain the rafts at the desired air pressure.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services	10/2009	10/2009	11/2011	11/2011
Engineering				
Land/ROW Acquisition				
Construction	11/2010	11/2010	04/2012	04/2012
Other				

REVISION EXPLANATION

Three options for designing the conveyor system were evaluated. The selected option provides a conveyor launch system at the top of the tower and includes the ability to place a scale directly underneath the multi person raft to ensure compliance with the 600 pound total weight limit before the raft launches. This method which is safer for lifeguards and guests requires additional funding over the adopted amount, however, annual labor savings make this the best option.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$1,700,000		\$1,700,000		\$1,700,000
Reserves	200,000	72,151	272,151		\$272,151
			0		\$0
			0		\$0
			0		\$0
Total	\$1,900,000	\$72,151	\$1,972,151	\$0	\$1,972,151
PROJECT EXPENDITURES					
Professional Services	\$187,000	(\$5,932)	\$181,068	\$0	\$181,068
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	1,713,000	78,083	1,791,083	0	\$1,791,083
Other			0		\$0
Total	\$1,900,000	\$72,151	\$1,972,151	\$0	\$1,972,151

IMPACT ON OPERATING BUDGET

Based on selecting option 3, an additional lifeguard would not be required, avoiding an increase in annual anticipated expenditures by \$12,500.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	(12,500)	(12,500)	(12,500)	(12,500)	(12,500)	(\$62,500)

Municipal Facility Capital Projects

Loop 820 Expansion Preparation

FC1204

PROJECT DESCRIPTION & JUSTIFICATION

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.

The space needs assessment 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 assessment will determine the space needs for NRH facilities and associated costs for infrastructure impacted by the expansion of Loop 820.

Funding source of "Other" for this project will be provided by revenue from NTE ROW acquisitions.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services		11/2011		10/2012
Engineering				
Land/ROW Acquisition				
Construction		03/2012		10/2012
Other				

REVISION EXPLANATION

New project resulting from Loop 820 Expansion during FY 11-12. Revision is necessary to include project in current year budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
NTE Row Acquisitions	\$0	\$103,520	\$103,520	\$0	\$103,520
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$103,520	\$103,520	\$0	\$103,520
PROJECT EXPENDITURES					
Professional Services	\$0	\$92,000	\$92,000		\$92,000
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction	0	11,520	11,520		\$11,520
Other			0		\$0
Total	\$0	\$103,520	\$103,520	\$0	\$103,520

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Municipal Facility Capital Projects

Municipal Government Complex

FC1205

PROJECT DESCRIPTION & JUSTIFICATION

This project is for the design, acquisition, and construction of a new municipal complex up to 180,000 square feet to consolidate multiple city services and departments into one location. The new municipal 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 180,000 square feet would be constructed to provide Public Safety operations 94,000 square feet, City Hall 71,000 square feet, and Municipal Court 15,000 square feet. The square feet dimensions by function could be redefined during the design process.

The new 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 STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services		07/2012		12/2015
Engineering		07/2012		12/2013
Land/ROW Acquisition		06/2012		08/2012
Construction		12/2013		12/2015
Other				

REVISION EXPLANATION

The existing location of city services and departments have been impacted by the widening of Loop 820 resulting in a reduction of available parking spaces, fire lanes, and adequate space in front of buildings for emergency responder access. Due to the widening of 820, locations are non-compliant with several codes and government regulations.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
General Obligation Bonds	\$0	\$25,000,000	\$25,000,000	\$23,000,000	\$48,000,000
Certificates of Obligation	0	0	0	22,000,000	\$22,000,000
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$25,000,000	\$25,000,000	\$45,000,000	\$70,000,000
PROJECT EXPENDITURES					
Professional Services	\$0	\$4,665,847	\$4,665,847	\$0	\$4,665,847
Engineering/Design	0	282,000	282,000	0	\$282,000
Land/ROW Acquisition	0	2,600,000	2,600,000	0	\$2,600,000
Construction	0	11,969,565	11,969,565	45,000,000	\$56,969,565
Other	0	5,482,588	5,482,588	0	\$5,482,588
Total	\$0	\$25,000,000	\$25,000,000	\$45,000,000	\$70,000,000

IMPACT ON OPERATING BUDGET

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

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	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 roughly 10,865 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 95. 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, provide needed material/equipment storage and staff work areas, and allow for an on-site adoption related minor surgical center. The total cost for the design and construction of the new facility is estimated to be slightly over \$3 million. General obligation bonds in the amount of \$1.3 million have been committed for this project as well as \$839,814 in accumulated voluntary utility bill donations. Current available funding is \$2,171,483. The remaining project monies (\$1,242,357) need to be raised through an area wide fund raising campaign focused on individual donors, businesses and citizens. Lawrence & Assoc. will coordinate the Capital Campaign in conjunction with Quorum Architects who will design the facility.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services	04/2006		07/2013	
Engineering	12/2006		10/2013	
Land/ROW Acquisition				
Construction	03/2014		09/2014	
Other				

REVISION EXPLANATION

Funding from the voluntary utility bill donations as well as accumulation of miscellaneous donations received from outside sources that are not related to utility bills have been identified and made available to this project.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
General Obligation Bonds	\$1,300,000	\$0	\$1,300,000		\$1,300,000
Other-Accumulated Voluntary UB Donations	535,914	335,569	871,483		\$871,483
Other-Fundraising Campaign	1,577,936	(335,569)	1,242,367		\$1,242,367
			0		\$0
			0		\$0
Total	\$3,413,850	\$0	\$3,413,850	\$0	\$3,413,850
<u>PROJECT EXPENDITURES</u>					
Professional Services	\$100,000	\$0	\$100,000		\$100,000
Engineering/Design	415,760	0	415,760		\$415,760
Land/ROW Acquisition			0		\$0
Construction	2,898,090	0	2,898,090		\$2,898,090
Other			0		\$0
Total	\$3,413,850	\$0	\$3,413,850	\$0	\$3,413,850

IMPACT ON OPERATING BUDGET

In July 2014, one (1) full-time Humane Technician (clerk), one (1) full-time Kennel Technicians, and one (1) part-time Kennel Technician will be hired to begin training. In January 2015, a full-time veterinarian will be hired.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	31,849	132,488	137,787	\$302,124

Major Capital Equipment Capital Projects

Directional Drill Boring Machine Replacement

UT1210

PROJECT DESCRIPTION & JUSTIFICATION

This project consists of purchasing a Directional Drill Boring Machine to replace the existing machine that is used by the Public Works Construction Division on a regular basis. The Construction Division uses a directional drill boring machine for replacing 8,000 - 10,000 linear feet of water supply lines and 1,000 linear feet of sanitary sewer lines on an annual basis. The machine allows the division to bore and replace the lines underground without having to excavate street pavement or residents' yards. This saves the City money by not having to replace street pavement, driveways, or residents' yards. Use of this boring machine also prevents disruption to the street traffic flow and results in less damage to residents' property. The existing directional drill boring machine is over ten years old and needs to be replaced. It is too small and does not have the power required to drill through the hard soils in the City. The machine breaks down frequently and needs major repairs. Some of the features on the machine can not be replaced because the machine is outdated or the cost is considerably high. Replacement of this equipment has been in the 10 Year Plan for several years. Funding is Utility Reserves.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION		ORIGINAL END DATE	2011/12 REVISION
--	--------------------------------	-----------------------------	--	------------------------------	-----------------------------

Professional Services
Engineering
Land/ROW Acquisition
Construction
Other

10/2011

09/2012

REVISION EXPLANATION

Project savings identified from the completion of project UT1211 Hydro-Excavation Vacuum to be transferred to UT1210 Directional Drill Boring Machine Replacement to provide funding for the purchase of a trailer for the equipment.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Reserves	\$260,000	\$14,873	\$274,873		\$274,873
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$260,000	\$14,873	\$274,873	\$0	\$274,873
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	260,000	14,873	274,873	0	\$274,873
Total	\$260,000	\$14,873	\$274,873	\$0	\$274,873

IMPACT ON OPERATING BUDGET

No anticipated operating impact.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects

Dump Truck Replacement Unit 683 (2012)

FS1201

PROJECT DESCRIPTION & JUSTIFICATION

This is the replacement of a 1996 Chevrolet Kodiak tandem dump truck assigned to the Public Works Street Division. 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 dump truck will be 16 years old when replaced and mileage is projected to be over 100,000 miles. The replacement dump truck would be equipped with an energy-efficient clean-burning diesel engine which meets the replacement guidelines of the Clean Fleet Vehicle Program.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition				
Construction				
Other	10/2011	10/2011	09/2012	09/2012

REVISION EXPLANATION

During budget review, it was determined that reserves would be used instead of issuing Certificates of Obligation.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$100,000	(\$100,000)	\$0		\$0
			0		\$0
Reserves	0	100,000	100,000		\$100,000
			0		\$0
			0		\$0
Total	\$100,000	\$0	\$100,000	\$0	\$100,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	100,000		100,000		\$100,000
Total	\$100,000	\$0	\$100,000	\$0	\$100,000

IMPACT ON OPERATING BUDGET

No impact on operating budget is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Major Capital Equipment Capital Projects
Sewer Cleaning Equipment Replacement for Unit 5501 (2012)

FS1202

PROJECT DESCRIPTION & JUSTIFICATION

This is the replacement of the Harben sewer cleaning equipment assigned to the Utility Division of the Public Works Department. The sewer cleaning equipment is mounted inside the service body on unit #5501, a 2002 Freightliner truck. The equipment being replaced includes the high pressure pump, drive engine, water tank, retractable hose reel, and associated wiring/hoses.

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 Harben sewer cleaning equipment 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 sewer system. The City also provides backup emergency assistance with this specialized equipment to surrounding cities as requested.

PROJECT STATUS

ORIGINAL START DATE	2011/12 REVISION
------------------------	---------------------

ORIGINAL END DATE	2011/12 REVISION
----------------------	---------------------

Professional Services
 Engineering
 Land/ROW Acquisition
 Construction
 Other

11/2011 11/2011

06/2012 06/2012

REVISION EXPLANATION

During budget review, it was determined that Reserves would be used instead of issuing Certificates of Obligation.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Certificates of Obligation	\$85,000	(\$85,000)	\$0		\$0
Reserves	0	85,000	85,000		\$85,000
			0		\$0
			0		\$0
Total	\$85,000	\$0	\$85,000	\$0	\$85,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	85,000		85,000		\$85,000
Total	\$85,000	\$0	\$85,000	\$0	\$85,000

IMPACT ON OPERATING BUDGET

No impact on operating budget is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Economic Development Capital Projects

Economic Development Land Purchase

ED1201

PROJECT DESCRIPTION & JUSTIFICATION

Purchase of 2.224 acre tract of land located directly east of the City's recreation center.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition		02/2012		09/2012
Construction				
Other				

REVISION EXPLANATION

The 2.224 acre tract of land located directly east of the City's recreation center has been utilized for years as parking for the recreation center and became available for purchase. The City felt that we should act on the opportunity and acquire the contiguous property. Other source of funding is the North Tarrant Express Funds.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other		\$586,454	\$586,454	\$0	\$586,454
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$586,454	\$586,454	\$0	\$586,454
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition		586,454	586,454	0	\$586,454
Construction			0		\$0
Other			0		\$0
Total	\$0	\$586,454	\$586,454	\$0	\$586,454

IMPACT ON OPERATING BUDGET

No operating impact is anticipated.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

Economic Development Capital Projects

Wayfinding Signage

ED1101

PROJECT DESCRIPTION & JUSTIFICATION

Wayfinding is the methodology of providing indicators to guide people to their destinations. Signs improve mobility and are integral to a clearly designed Wayfinding program.

The central sector of the City contains numerous local and regional destinations where Wayfinding signage will serve as an enhanced guide. There are numerous regional destinations within North Richland Hills that enhance the City's image and exemplify the Council goal of 'Positive City Image'. Placement of wayfinder signs to these destinations will be done in phases. Phase I will be the central sector of the City within Harwood, Boulevard 26, Precinct Line, Mid Cities and Davis Boulevard. Central sector destinations include: NRH20, NRH Library, NYTEX, TCC, Birdville ISD Fine Arts and Athletic Complex, in addition to the future NRH Recreation Center and possible Performing Arts Center. It is projected that Phase I will require 15 total signs to sufficiently cover this area. Each sign will conform with the City image study and will be designed to accommodate additional future destinations.

Note: Recommended source of funding is the Economic Development Sales Tax Reserves and Promotional Fund.

PROJECT STATUS

	ORIGINAL START DATE	2011/12 REVISION	ORIGINAL END DATE	2011/12 REVISION
Professional Services				
Engineering				
Land/ROW Acquisition		10/2010		05/2013
Construction	10/2010	05/2013	10/2012	10/2013
Other				

REVISION EXPLANATION

During budget review, it was determined project construction costs increased by an additional \$25,000. Additional cost was funded by the Promotional Fund.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
<u>FUNDING SOURCES</u>					
Reserves	\$75,000		\$75,000		\$75,000
Promotional Fund		25,000	25,000		\$25,000
			0		\$0
			0		\$0
			0		\$0
Total	\$75,000	\$25,000	\$100,000	\$0	\$100,000
<u>PROJECT EXPENDITURES</u>					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition	25,000	0	25,000	0	\$25,000
Construction	50,000	25,000	75,000	0	\$75,000
Other			0		\$0
Total	\$75,000	\$25,000	\$100,000	\$0	\$100,000

IMPACT ON OPERATING BUDGET

Minimal operating impact expected.

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected						\$0

Municipal Facility Capital Projects
Atmos Residential Energy Efficiency Program
ES1201

PROJECT DESCRIPTION & JUSTIFICATION

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.

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 Atmos Energy Residential Energy Efficiency Program Grant.

PROJECT STATUS

ORIGINAL START DATE	2011/12 REVISION
------------------------	---------------------

ORIGINAL END DATE	2011/12 REVISION
----------------------	---------------------

Professional Services
 Engineering
 Land/ROW Acquisition
 Construction
 Other

10/2012

09/2013

REVISION EXPLANATION

Revision being submitted to include in the FY11/12 Capital Budget.

FINANCIAL DATA

	ADOPTED BUDGET THRU 2011/12	PROJECT REVISION	REVISED BUDGET THRU 2011/12	REMAINING BALANCE	TOTAL PROJECT COST
FUNDING SOURCES					
Other	\$0	\$10,000	\$10,000	\$0	\$10,000
			0		\$0
			0		\$0
			0		\$0
			0		\$0
Total	\$0	\$10,000	\$10,000	\$0	\$10,000
PROJECT EXPENDITURES					
Professional Services			\$0		\$0
Engineering/Design			0		\$0
Land/ROW Acquisition			0		\$0
Construction			0		\$0
Other	0	10,000	10,000	0	\$10,000
Total	\$0	\$10,000	\$10,000	\$0	\$10,000

IMPACT ON OPERATING BUDGET

ANNUAL OPERATING IMPACT	2011/12	2012/13	2013/14	2014/2015	2015/2016	TOTAL
Projected	0	0	0	0	0	\$0

**CITY OF NORTH RICHLAND HILLS
ADOPTED 2012/2013 CAPITAL PROJECTS BUDGET**

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APPENDIX

GLOSSARY OF KEY BUDGET TERMS

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

ACCRUED EXPENSES – Expenses incurred but not due until a later date.

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

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.

AQUATIC PARK EXPANSION RESERVE – This reserve is located within the Aquatic Park Fund. It was established to allow the Aquatic Park to expand without the burden of debt. Funds are dedicated annually to this reserve from park operations only after all other Aquatic Park reserves have been satisfactorily funded. This reserve is only used for new attractions. Routine maintenance and minor replacements are provided for in the annual operating budget. Major improvements and replacements are financed through the Aquatic Park Infrastructure Reserve.

AQUATIC PARK INFRASTRUCTURE RESERVE – This reserve is located within the Aquatic Park Fund. It was established with the adoption of Resolution 97-54 in November 1997 to protect public investment in NRH₂O, the City's Aquatic Park. Approximately \$325,000 is dedicated annually to this reserve from park operations based on life expectancy and replacement values of aquatic park assets as with depreciation. The reserve is only used for major improvements and replacements. Routine maintenance and minor replacements are provided for in the annual operating budget. New attractions are financed through debt and/or the Aquatic Park Expansion Reserve.

AQUATIC PARK INSURANCE RESERVE – This reserve is located within the Aquatic Park Fund. It was established to accumulate funds for major liability claims. Funds are dedicated annually to this reserve from park operations.

APPENDIX

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 organization's financial statements and the utilization of 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 – That 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.

BUDGET ADJUSTMENT – A 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 – The schedule of key dates which the City follows in the preparation and adoption of the budget.

BUDGET DOCUMENT – The 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, current and previous fiscal years, and the views and recommendations 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.

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 and 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.

CERTIFICATE OF OBLIGATION BONDS – Bonds that are backed by the full faith and credit of the issuing government. They may be issued without voter approval to finance public projects such as streets, municipal facilities, and park improvements. Repayment of principal and interest is from property taxes or monies of the benefiting fund.

APPENDIX

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 policy making body of the City.

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 predetermined 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. May also be 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 – An administrative subsection of the City that indicates management responsibility for an operation.

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

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

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

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

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

APPENDIX

EQUIPMENT & BUILDING MAINTENANCE

FUND – This fund was created with the adoption of Resolution 97-39 in September 1997. It is used to account for the replacement, maintenance, renovation, and upkeep of City owned equipment, buildings, facilities, and structures. Monies are dedicated annually to this fund, based on asset value and life expectancy, to protect public investment and to ensure equipment and facilities are maintained in a satisfactory manner.

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 – A 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 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.

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.

GOALS – Broad, general statements of each activity/department's desired outcomes.

APPENDIX

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.

INTERGOVERNMENTAL FUNDS – Funds derived pursuant to an agreement whereby state and local governments share in the cost of financing public projects. The project usually benefits all parties involved.

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 re-funded 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.

(M)AINTENANCE & (O)PERATIONS – Represents the portion of taxes assessed for the maintenance and operations of the General Fund Services.

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

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 permittee.

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

APPENDIX

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.

NON-DEPARTMENTAL EXPENSE – 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 interfund 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.

OTHER FUNDS – Includes all funding sources not allocated to another fund category such as developer escrow, impact fees, donations, etc.

PAY-AS-YOU-GO RESERVE – Established by City Management to fund small capital improvement needs related to general services such as fire, library, municipal court, etc. The City Manager sets the reserve amount each year and elects the projects to utilize these funds.

PER CAPITA COSTS – The cost of service per person. Per capita costs in North Richland Hills are based on a 58,650 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.

PERMANENT SIDEWALK MAINTENANCE FUND – This fund was created with the adoption of Ordinance 2484 in June 2000. It is used to account for the construction and reconstruction of City sidewalks. Monies are dedicated annually to this fund through the budget process to ensure safety and convenience for pedestrians.

PERMANENT STREET MAINTENANCE FUND – This fund was created with the adoption of Resolution 95-47 in August 1995. It is used to account for major reconstruction and maintenance of City streets. Monies are dedicated annually to this fund through the budget process to ensure streets are maintained in a satisfactory manner and to adequately protect public investment in our street system.

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

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

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

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

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 or 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.

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 is 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.

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.

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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.

UNSPECIFIED PROJECT RESERVES – Reserve funds established by transfer of unexpended funds from approved public projects, subsequent to project closure or budget adjustment. Pending approval, these funds may be used to supplement existing projects or to fund newly created projects.

RESOLUTION NO. 2012-025

WHEREAS, the City Council of the City of North Richland Hills, Texas received the Ad Valorem Tax Roll for the year 2012 from the Tarrant Appraisal District in the amount of \$3,732,731,760, including minimum value of properties pending disposition before the Appraisal Review Board and the estimated net taxable value of incomplete properties; and

WHEREAS, the City Council studied said Tax Roll and approve same on September 10, 2012.

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 2012, be and is hereby ratified and said Tax Rolls shall be collectively be considered the Tax Roll of this City for Tax Year 2012 and it is hereby in all things adopted and approved.

PASSED AND APPROVED this the 10th day of September, 2012.

CITY OF NORTH RICHLAND HILLS

By: 
Oscar Trevino, Mayor

ATTEST:




Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


George A. Staples, City Attorney

APPROVED AS TO CONTENT:


Mark Mills, Budget Director

ORDINANCE NO. 3217

AN ORDINANCE ADOPTING THE BUDGET FOR THE FISCAL YEAR OCTOBER 1, 2012 THROUGH SEPTEMBER 30, 2013, FOR THE CITY OF NORTH RICHLAND HILLS, TEXAS; ADOPTING THE AMENDED BUDGET FOR OCTOBER 1, 2011 THROUGH SEPTEMBER 30, 2012, 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 2012-2013, and the Council determined that a public hearing should be held at a time and place which was set forth in a notice published as required by law; and,

WHEREAS, such public hearing on the budget was duly held on August 27, 2012, 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 budget for the City of North Richland Hills, Texas, for the fiscal year beginning October 1, 2012, and ending September 30, 2013, in words and figures as shown therein, is 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.

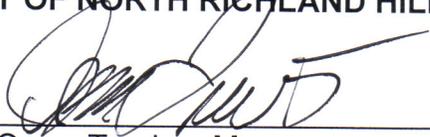
SECTION 3. THAT the City Manager or his designee be and is hereby authorized to invest any funds not needed for current use in any lawful manner. Interest accrued from investments shall be deposited to the interest income account of the funds from which the principal was invested.

SECTION 4. THAT the amended budget for the City of North Richland Hills for the fiscal year beginning October 1, 2011, and ending September 30, 2012, 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 for the City of North Richland Hills for the fiscal year beginning October 1, 2011, and ending September 30, 2012, 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 10th day of September, 2012.

CITY OF NORTH RICHLAND HILLS

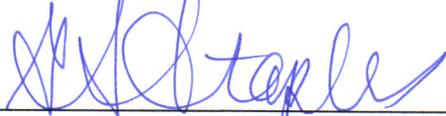
By: 
Oscar Trevino, Mayor

ATTEST:



Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


George A. Staples, City Attorney

APPROVED AS TO CONTENT:


Mark C. Mills, Budget Director

ORDINANCE NO. 3218

AN ORDINANCE SETTING THE TAX RATE FOR THE CITY OF NORTH RICHLAND HILLS FOR THE 2012 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 hearing; 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 2012, Fiscal Year 2012-2013, for the purposes hereinafter stipulated, to-wit:

(a) For operations and maintenance levied on the \$100.00 valuation; \$0.351076; and

(b) For the interest and sinking levied on the \$100.00 valuation; \$0.258924.

TOTAL: \$0.610000

SECTION 2. THAT the tax rate for operations and maintenance of \$0.351076 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 \$0.351076 exceeds the effective maintenance and operations rate of \$.335198, therefore:

THE TAX RATE WILL EFFECTIVELY BE RAISED BY 4.74 PERCENT AND WILL RAISE TAXES FOR MAINTENANCE AND OPERATIONS ON A \$100,000 HOME BY APPROXIMATELY \$15.88.

PASSED AND APPROVED on this the 10th day of September, 2012.

CITY OF NORTH RICHLAND HILLS

By: 
Oscar Trevino, Mayor

ATTEST




Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


George A. Staples, City Attorney

APPROVED AS TO CONTENT:


Mark Mills, Budget Director

RESOLUTION NO. 2012-026

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

SECTION 1. THAT the City of North Richland Hills, Texas (the "Issuer") intends to issue debt for street and drainage and utility improvements, and an Animal Adoption and Rescue Center Facility, (collectively, the "Projects") and further intends to make certain capital expenditures with the proceeds of such debt;

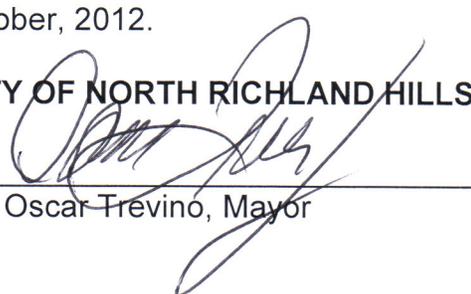
WHEREAS, under Treas. Reg. § 1.150-2 (the "Regulation"), to fund such reimbursements with the proceeds of tax-exempt obligations the Issuer must declare its expectation to make such reimbursement; and

WHEREAS, the Issuer desires to preserve its ability to reimburse the capital expenditures with the proceeds of tax-exempt obligations.

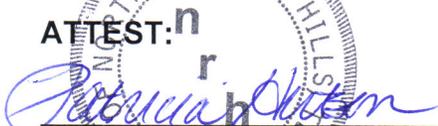
NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF NORTH RICHLAND HILLS, TEXAS, THAT the Issuer reasonably expects to reimburse capital expenditures with respect to the Projects with proceeds of debt hereafter to be issued by the Issuer, and that this resolution shall constitute a declaration of official intent under the Regulation. The maximum principal amount of obligations expected to be issued for the Projects is \$2,775,000.

PASSED AND APPROVED this the 8th day of October, 2012.

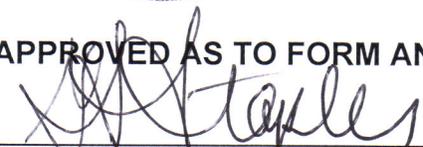
CITY OF NORTH RICHLAND HILLS

By: 
Oscar Trevino, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


George A. Staples, City Attorney

APPROVED AS TO CONTENT:


Larry Koonce, 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 statutes.

IV. EFFECTIVE DATE

This policy shall become effective upon the date of City Council approval.

PASSED AND APPROVED this the 26th day of June, 2000.

APPROVED:


Charles Scoma, Mayor

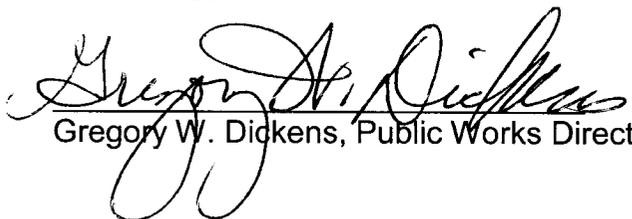
ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, City Attorney

APPROVED AS TO CONTENT:


Gregory W. Dickens, Public Works Director

ATTACHMENT "A"

PRIORITY WARRANTING SYSTEM

		Points
Number of pedestrians at peak hour	>30	25
	21 – 30	20
	11 – 20	15
	1 – 10	10
Routes serving schools or pedestrian-generating facilities	1 – 3 blocks	15
	4 – 7 blocks	10
	> 7 blocks	5
Street classification	Arterial \geq 48' roadway	20
	Collector \geq 40' roadway	15
	Residential $<$ 40' roadway	10
Posted speed limit	40 mph or higher	15
	35 mph	10
	\leq 30 mph	5
Gaps in sidewalk network	0 – 50 feet	20
	50 – 100 feet	15
	100 – 200 feet	10
	200 – 400 feet	5
	> 400 feet	0

Location is a "priority warrant" and qualifies for sidewalk construction by the City with no property owner participation if points earned are 50 or greater.

RESOLUTION NO. 97-39

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment in all City owned equipment, buildings, facilities, and structures within the City of North Richland Hills; and

WHEREAS, the City Council finds it desirable and sound fiscal management to replace and maintain said City owned equipment, buildings, facilities and structures; and

WHEREAS, the City Council believes such maintenance may be secured by the creation of an Equipment Replacement and Building Maintenance Fund dedicated solely to the replacement, maintenance, renovation, and upkeep of City owned equipment, buildings, facilities, and structures; and

WHEREAS, the City Council has determined that the creation of said Fund will be in the best interest of the citizens of the City of North Richland Hills;

NOW, THEREFORE:

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

SECTION 1 : THAT there be and is hereby created an Equipment Replacement and Building Maintenance Fund to provide solely for the replacement, maintenance, upkeep and renovation of City owned equipment, buildings, facilities, and structures existing within the City of North Richland Hills and under the control of the City of North Richland Hills.

SECTION 2 : THAT the Fund shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary process of the City of North Richland Hills.

SECTION 3 : THAT all expenditures from said Fund shall be consistent with approved contracts or bid specifications and that policies and procedures for the administration of said Fund shall be developed by the City Manager.

SECTION 4 : THAT funds shall be specifically reserved annually (based on value and life expectancy, as with depreciation) to provide for replacement of major capital equipment valued at \$50,000 or more; and such reserve funds for replacements of such major equipment shall be separately budgeted and accounted for and such funds shall be solely used for said purposes.

SECTION 5 : THAT such reserve funds for major capital equipment shall not be used for new equipment, but rather replacement equipment. Any new equipment acquired

will immediately be included in the replacement reserve schedule as described in Section 4, and can then be replaced as needed using reserved funds.

SECTION 6 : THAT funds shall be specifically reserved annually (based on life expectancy and replacement value as with depreciation) for building improvements such as roof replacements, floor covering replacements, heating / air conditioning system replacements, major plumbing replacements, major electrical system replacements, and other major modifications to existing structures or buildings; such reserve funds shall be separately budgeted and accounted for and shall be solely used for said purposes in this Section.

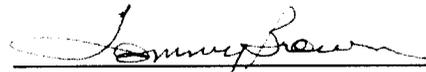
SECTION 7 : THAT such reserve funds for building improvements shall not be used to acquire new buildings or land or maintenance of buildings, but shall be used for major renovations and replacements to existing municipal buildings and structures. When new buildings are constructed, such buildings will immediately have a reserve established as described in Section 6, and in future years as needed such funds can be used for these newly added buildings.

SECTION 8 : THAT in the event of natural disaster or other public calamity resulting in an extreme emergency, reserves from said Fund may be used for purposes other than those specified herein with approval of the City Council.

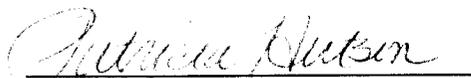
SECTION 9 : THAT on an annual basis the major equipment and building components (HVAC, roofs, etc.) will be inventoried and valued by the Director of Support Services (or other person assigned with managing equipment and building facilities) and the Director of Finance who will jointly prepare an inventory and reserve schedule for the City Manager.

PASSED BY THE CITY COUNCIL this 8th day of September, 1997.

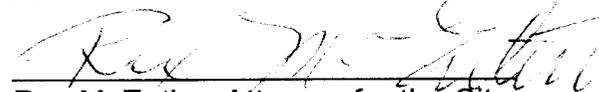
APPROVED:


Tommy Brown, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, Attorney for the City

RESOLUTION NO. 95-47

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment and all public streets, thoroughfares and public ways within the City of North Richland Hills; and

WHEREAS, the City Council finds it desirable to maintain said public streets, thoroughfares and public ways in a satisfactory condition; and

WHEREAS, the City Council believes such maintenance may be secured by the creation of a Permanent Street Maintenance Fund dedicated solely to the maintenance of public streets, thoroughfares and public ways within the City of North Richland Hills; and

WHEREAS, the City Council has determined that the creation of said Fund will be in the best interest of citizens of the City of North Richland Hills;

NOW, THEREFORE:

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

SECTION 1: THAT there BE and is hereby created a permanent Street Maintenance Fund to provide solely for the maintenance and up keep of public streets, thoroughfares and public ways existing within the City of North Richland Hills and under the control of the City of North Richland Hills.

SECTION 2: THAT the Fund shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary process of the City of North Richland Hills.

SECTION 3: THAT the reserves provided by such Fund shall be used solely for the following purposes:

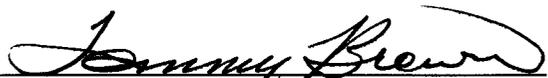
- A. To provide for the reconstruction of public streets, thoroughfares and public ways existing within the City of North Richland Hills and under the control of the City of North Richland Hills.
- B. To provide for the resurfacing, overlay, seal coating, patching or other required maintenance necessary to preserve and protect the public investment in such public streets, thoroughfares and public ways.

SECTION 4: THAT all expenditures from said fund shall be consistent with approved contracts or bid specifications and that policies and procedures for the administration of said Fund shall be developed by the City Manager.

SECTION 5: THAT in the event of natural disasters or other public calamity resulting in an extreme emergency, reserves from said Fund may be used for purposes other than those specified herein with approval of the City Council.

PASSED BY THE CITY COUNCIL this 28th day of August, 1995.

APPROVED:



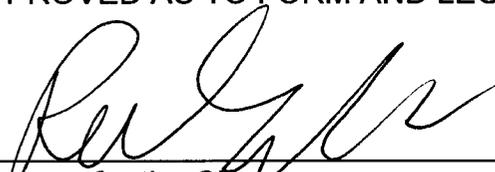
Tommy Brown, Mayor

ATTEST:



City Secretary

APPROVED AS TO FORM AND LEGALITY:



Attorney for the City

RESOLUTION NO. 97-54

WHEREAS, the City Council of the City of North Richland Hills desires to protect the public investment in the Aquatic Park known as NRH₂O; and

WHEREAS, the City Council finds it desirable and sound fiscal management to replace and preserve the infrastructure of said City owned Aquatic Park; and

WHEREAS, the City Council believes such preservation may be secured by the creation of a Reserve in the Aquatic Park Fund dedicated solely to the major replacement and maintenance of the Aquatic Park facilities and structures; and

WHEREAS, the City Council has determined that the creation of said Reserve will be in the best interest of the citizens of the City of North Richland Hills,

NOW THEREFORE:

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

SECTION 1: THAT there be and is hereby created a Reserve in the Aquatic Park Fund to provide solely for major replacement and maintenance of Aquatic Park facilities and structures.

SECTION 2: THAT the Reserve shall be established and monies dedicated and deposited therein on an annual basis as part of the annual budgetary and fiscal process of the City of North Richland Hills.

SECTION 3: THAT funds shall be specifically reserved annually (based on life expectancy and replacement value as with depreciation) for major improvements and replacements, and the reserves will continue to grow and be maintained at a level which will preserve the Aquatic Park as determined by the City Manager and approved by the City Council.

SECTION 4: THAT all expenditures from said Reserve shall be consistent with approved contracts or bid specifications and that policies and procedures for the Administration of said Reserve shall be developed by the City Manager.

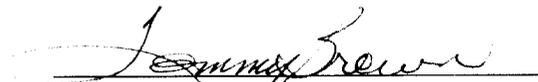
SECTION 5: THAT such Reserves shall not be used for routine maintenance and minor replacements which will be provided for in the annual operating budget of the Aquatic Park.

SECTION 6: THAT such Reserves shall not be used for additions to the Aquatic Park, including but not limited to new attractions or support areas for new attractions.

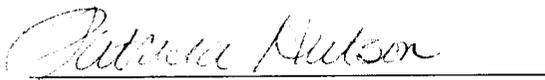
SECTION 7: THAT in the event of a natural disaster or other public calamity resulting in an extreme emergency said Reserves may be used for purposes other than those specified herein with approval of the City Council.

PASSED BY THE CITY COUNCIL this 24th day of November, 1997.

APPROVED:


Tommy Brown, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, Attorney for the City

RESOLUTION NO. 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.

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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.

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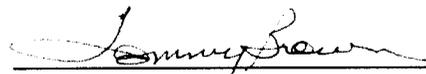
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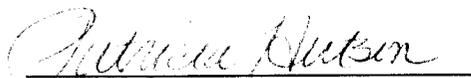
SECTION 9 : THAT on an annual basis the major equipment and building components (HVAC, roofs, etc.) will be inventoried and valued by the Director of Support Services (or other person assigned with managing equipment and building facilities) and the Director of Finance who will jointly prepare an inventory and reserve schedule for the City Manager.

PASSED BY THE CITY COUNCIL this 8th day of September, 1997.

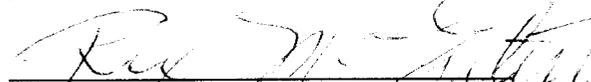
APPROVED:


Tommy Brown, Mayor

ATTEST:


Patricia Hutson, City Secretary

APPROVED AS TO FORM AND LEGALITY:


Rex McEntire, Attorney for the City

RESOLUTION NO. 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.

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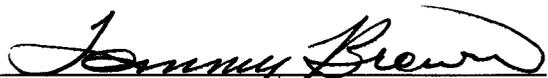
- A. To provide for the reconstruction of public streets, thoroughfares and public ways existing within the City of North Richland Hills and under the control of the City of North Richland Hills.
- B. To provide for the resurfacing, overlay, seal coating, patching or other required maintenance necessary to preserve and protect the public investment in such public streets, thoroughfares and public ways.

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PASSED BY THE CITY COUNCIL this 28th day of August, 1995.

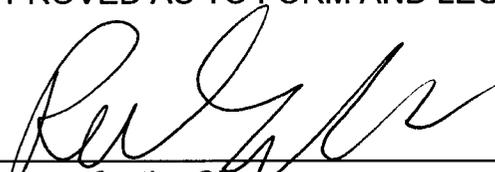
APPROVED:


Tommy Brown, Mayor

ATTEST:

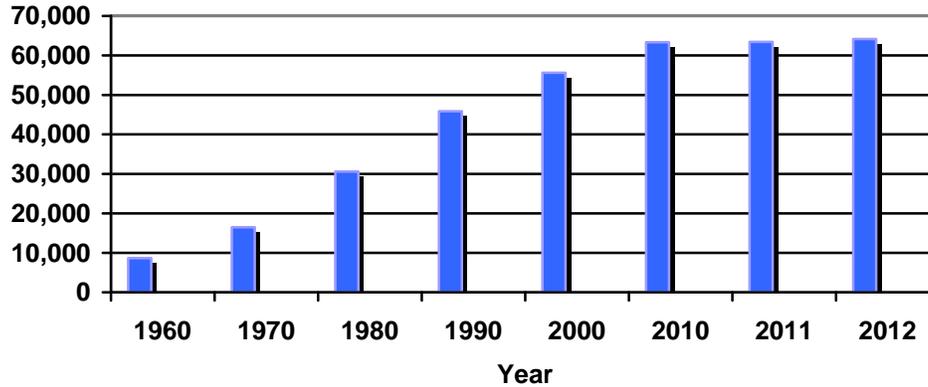

City Secretary

APPROVED AS TO FORM AND LEGALITY:


Attorney for the City

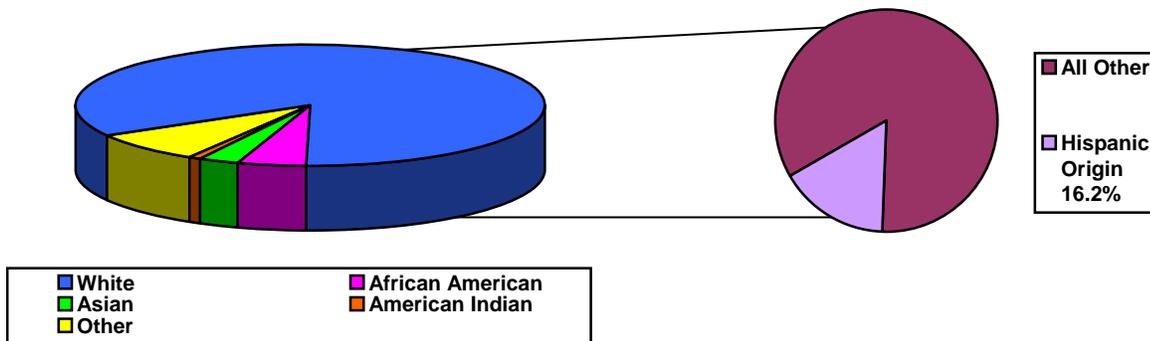
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Population Growth



The City of North Richland Hills has grown from a population of 8,662 in 1960 to an estimated population of 64,159¹ in 2012, a 641% increase. By population, North Richland Hills is the third largest city in Tarrant County.

Racial Composition

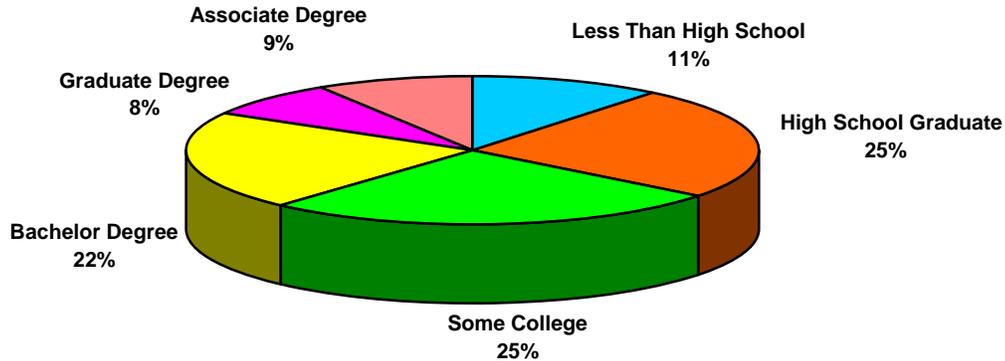


Since the 2000 Census the White population has decreased from 88.5% to 83.5%, the African American population has increased from 2.7% to 4.8%, the Asian population remained 2.8%. The American Indian population has increased from 0.7% to 0.9% and all other categories have increased from 5.6% to 8%. Hispanic origin of any race is 16.2% of the total population, an increase from 9.5%²

References: 1: North Central Texas Council of Governments; 2: Environmental Systems Research Institute data

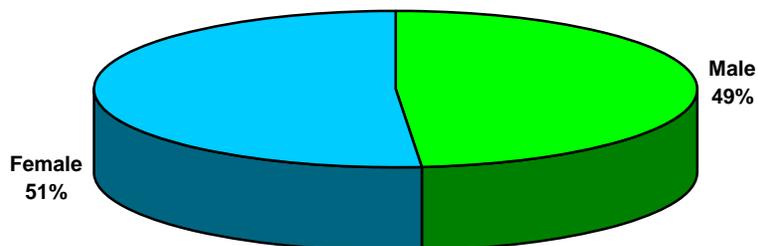
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Educational Attainment



Since the 2000 Census, City population as a whole is acquiring more education. Citizens receiving a high school degree have increased from 23.9% to 25%, citizens receiving a bachelor degree have increased from 19.7% to 22%, and citizens receiving a graduate degree have increased from 6.4% to 8%. Meanwhile, “less than high school graduate” category has increased to 8.9% from 11%³.

Gender Composition

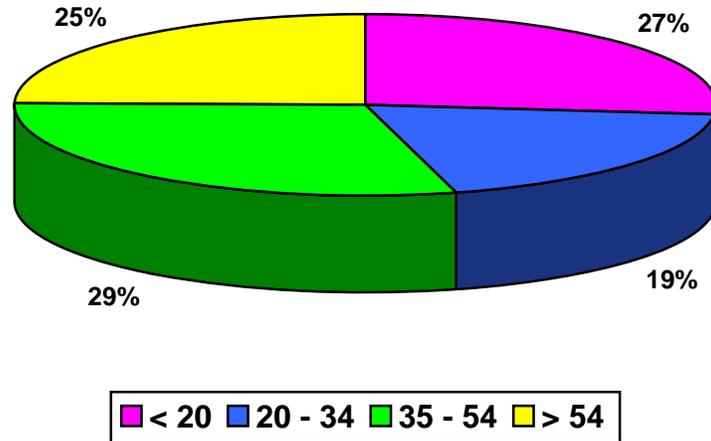


The gender composition for North Richland Hills is now 51% female and 49%⁴ male.

References: 3 Environmental Systems Research Institute data, 4 U.S. Census Bureau

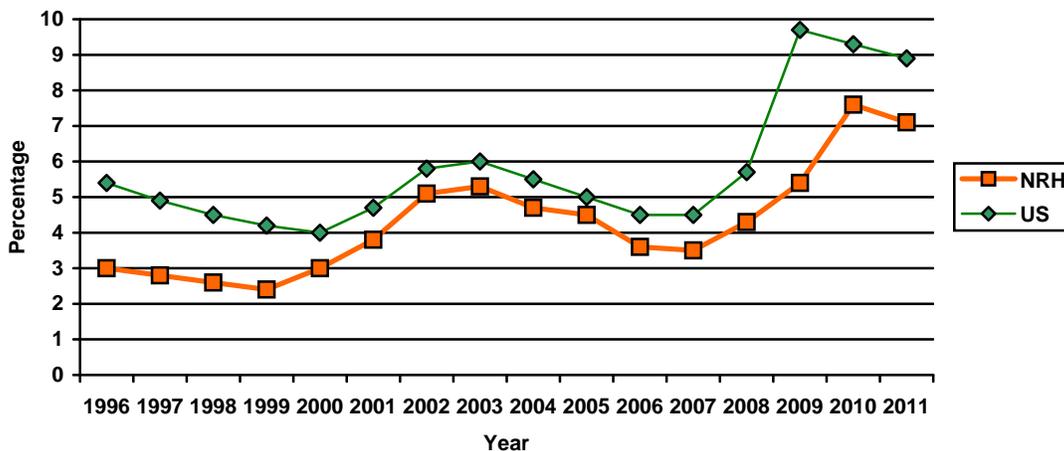
CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Age Distribution



Of the current City population, 75% of citizens are 54 years old or younger. The largest segment of the population within North Richland Hills is between the ages of 35 and 54.

Unemployment Rate



The unemployment rate as of December 2011 was 7.1%⁶ in North Richland Hills compared to the national rate of 8.9%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.

References: 5 U.S. Census Bureau; 6 & 7 U.S. Bureau of Labor Statistics

CITY OF NORTH RICHLAND HILLS COMMUNITY PROFILE

Date of Incorporation 1953
Form of Government Council/Manager
Date Charter Adopted Nov. 3, 1964
Date Charter Amended Nov. 6, 2001
Area 11,708 acres (18.29 sq. mi.)

Mean Household Income \$79,914

Fire Protection:

Number of Fire Stations 4
 Number of Sworn Personnel 87

Police Protection:

Number of Stations 1
 Number of Sworn Personnel 110

Municipal Parks & Recreation Facilities:

Neighborhood Parks 13
 Community Parks 7
 Metropolitan Parks 0
 Special Purpose Parks 7
 Linear Parks 8
 Miles of Trails 20.67
 Senior Adult Centers 1
 Recreation Center 1
 Event/Banquet Facility 1
 Water Park 1
 Tennis Center 1
 Golf Course (18 hole) 1
 Total Acres (developed/undeveloped) 839.3

Library:

Library Materials 206,318
 Annual Circulation⁸ 947,883
 Registered Borrowers 68,976

Education:

Tarrant County College
 Birdville ISD Facilities (in NRH):
 Elementary School 9
 Middle School 3
 High School 3
 Private/Parochial Schools 4

Railroads:

Burlington Northern Santa Fe
 Fort Worth & Western Railroad

Air Service:

D/FW Airport (10 miles) Commercial
 Meacham Field (5 miles) General Aviation
 Alliance Airport (10 miles) Industrial

Highways:

Interstate I-820
 State Highways 183, 121, 26, FM 1938

Motor Freight Carriers:

Total Number Serving NE Tarrant County 8

Distance in Miles To:

Fort Worth 10
 Dallas 25
 Houston 232
 Chicago 945
 Los Angeles 1,400
 New York 1,650

Economics:

2012 Appraised Value (as of 7/25/12):
 Real Property \$4,191,559,038
 Personal Property \$312,039,668

Tax Rate Per \$100 Valuation:

NRH 0.61
 Birdville ISD 1.435
 Keller ISD 1.54
 County 0.264
 Hospital 0.227897
 Tarrant County College 0.14897

Avg. Single Family Home Value- \$ 150,315

Bond Rating:

Standard & Poor's AA+
 Moody's AA2

Community Facilities:

Motels 7
 Hospitals 1
 Churches 38
 Movie Theaters 1 Theater/8 Screens

Financial Institutions:

Banks 22

Utilities:

Natural Gas Atmos Energy
 Electricity (Oncor, First Choice, Gexa, Green Mountain, New Power, Reliant)

Telephone Southwestern Bell

Water/Wastewater Trinity River Authority
 City of Fort Worth

Solid Waste Duncan Disposal

Building Permit Activity:⁹

2012 \$82,021,844
 2011 \$69,950,312
 2010 \$36,443,499
 2009 \$29,119,820
 2008 \$114,916,221

References: 8 Annual Circulation includes renewals for fiscal year; 9 Building Permit Activity is the total value of building permits for fiscal year.

CITY OF NORTH RICHLAND HILLS TOP TAX PAYERS AND EMPLOYERS

Top Tax Payers		
No.	Entity Name	Total Taxable Value
1	Wal-Mart Real Estate Bus Trust / Sam's	\$60,508,435
2	BGPC Equestrian LP	\$33,000,000
3	AP WQ N Richland Hills Reit	\$30,589,000
4	Hospital Corp of America	\$28,000,000
5	Chesapeake Operating (WI)	\$27,732,850
6	Oncor Electric Delivery Co LLC	\$26,353,412
7	Venue At Home Town LTD Etal	\$25,348,600
8	AP WQ Green Reit LLC	\$25,265,000
9	Company One LLC	\$25,250,000
10	Tyson Prepared Foods Inc	\$22,007,098

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	Silverleaf Resort	Call Center
4	HealthMarkets	Life and Health Insurance
5	Wal-Mart Supercenter	Retail Sales
6	Tyson Prepared Foods	Food Processing
7	ATI Career Training Center	Education
8	Wal-Mart Supercenter	Retail Sales
9	Con-Way Freight Inc.	Transport Carrier
10	Five Star Ford	New Car Dealer

Source: North Richland Hills Economic Development www.nrhed.com. Data excludes the City of North Richland Hills and Birdville Independent School District.