

# **CAPITAL PROJECTS**

## **CAPITAL IMPROVEMENT PROGRAM**

The City of Bedford Capital Improvement Program, (CIP), is a process by which the City develops a multi-year plan for major capital expenditures. Currently, the City bases its planning on a five (5) year time frame. The CIP lists each proposed project, the time frame in which the project needs to be undertaken, the financial requirements of the project, and proposed methods of financing. Generally, the CIP includes improvements that are relatively expensive, non-recurring, have a multi-year useful life, and result in fixed assets. It includes such items as the construction and acquisition of new buildings; additions or renovations to existing buildings; construction and reconstruction of streets; improvements to water, sanitary sewer, and drainage; and purchases of land and major equipment. Due to the nature and total cost of most of the City's CIP, General Obligation and Revenue Bonds and Certificates of Obligation are major sources of funding.

### ***Street Improvement Economic Development Corporation (4B)***

Bedford voters approved a half-cent sales tax to be used for road maintenance and improvement needs. The half-cent sales tax went into effect on April 1, 1998 and Certificates of Obligation were issued to improve three hundred eighty-six miles of streets. Since that completion, the 4B funding is used for a program of annual preventative maintenance for City streets. The Bedford Street Improvement Economic Development Corporation was created to direct and authorize all expenditures, with the City Council having final approval. The Council appointed Corporation is comprised of citizens and elected officials.

### ***Bedford 2000 and Bedford 2005 Bond Initiatives***

Following the adoption of a half-cent sales tax for property tax reduction, the City Council appointed a 120 member Bedford 2000 Committee to evaluate capital needs within the City over the next decade. The Committee's work resulted in a \$31.45 million bond proposal approved by the voters on November 7, 1995. A similar process was established when considering capital needs by the Bedford 2005 Committee. Their proposals were submitted to the voters on November 6, 2001. Of the eleven propositions included, nine passed. Most of the projects included in these bond proposals have been completed or operational needs have changed, eliminating the need for the project.

### ***Boys Ranch Phase I Bond Initiative***

The Bedford City Council voted to hold a bond election on November 5, 2013, regarding the issuance of General Obligation Bonds for park improvements to the Bedford Boys Ranch. In 2010, the Boys Ranch Park Master Plan was adopted which includes plans for the renovation of the Boys Ranch Park in four phases. The approved bonds will fund improvements outlined in Phase I. These improvements include the dredging of Boys Ranch Lake, a new fishing pier, bridges across the drainage channel, one large pavilion and two smaller pavilions, a new playground area, a new Frisbee golf course, improved trails, and other related improvements. The City of Bedford received a \$100,000 grant from the Texas Parks & Wildlife Department to assist with the project. The bond proposal only included funding for phase I, the remaining phases will be considered at a later date.

**CITY OF BEDFORD**  
**CAPITAL IMPROVEMENT PROGRAM - 5 YEAR**  
**FY 2014-2015**

**Funding Sources:**

- |                                |                                       |                           |                                 |
|--------------------------------|---------------------------------------|---------------------------|---------------------------------|
| (1) General Obligation Bonds   | (4) Street Improvement E.D.C.         | (7) Park Donations        | (10) PPF Contractual Obligation |
| (2) Certificates of Obligation | (5) Water & Sewer Utility Repair Fund | (8) General Fund Reserves | (11) Cash                       |
| (3) Revenue Bonds              | (6) Equipment Replacement Fund        | (9) Grants                | (TBD) To Be Determined          |

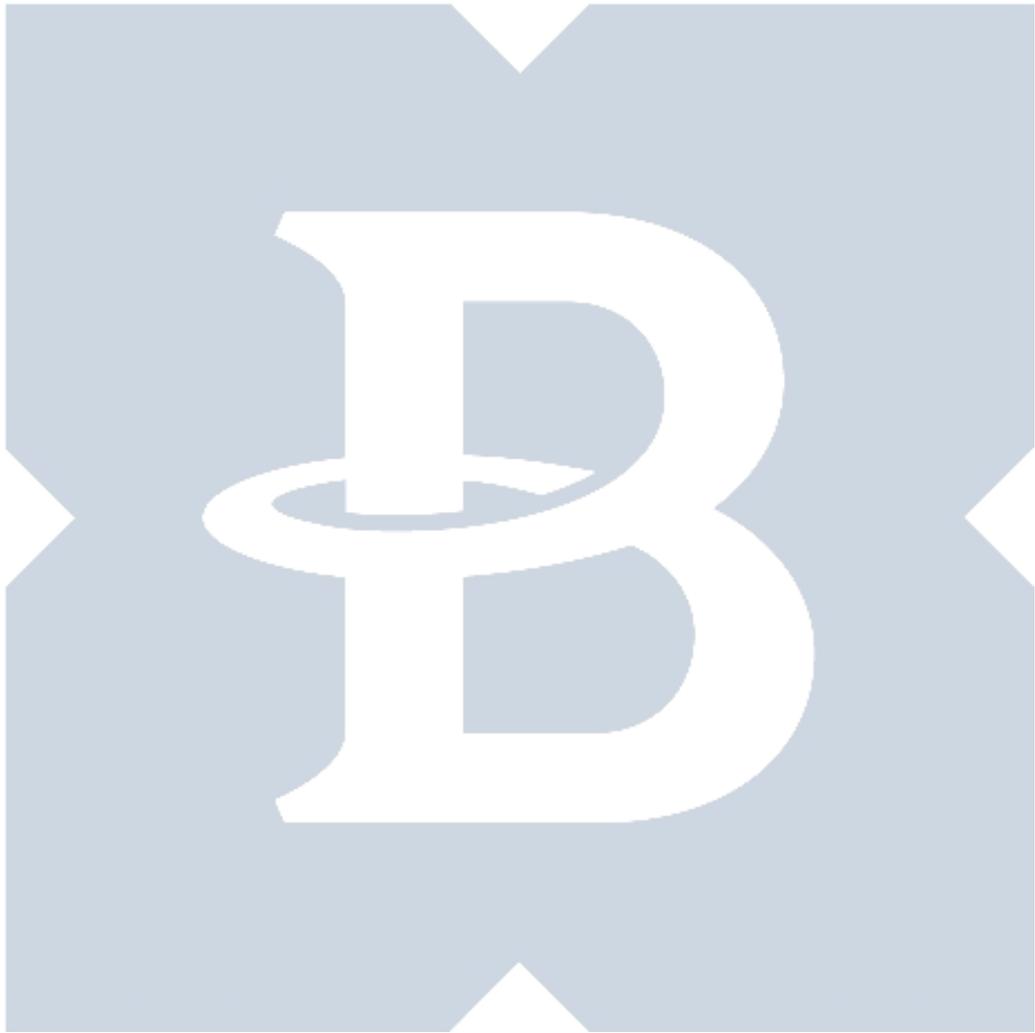
PROJECT	ESTIMATED CURRENTLY		FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FUNDING SOURCE
	COST	FUNDED						
<b>FACILITIES/EQUIPMENT</b>								
Animal Control Center Expansion	239,450	No						1
Fire/Police Combined Training Center	561,558	No						1
Joint Regional Dispatch Facility	613,000	No						1
<b>WATER/WASTEWATER</b>								
Simpson Terrace Elevated Tank Site Well	2,900,000	Yes						2
Northwest Pressure Plane Improvements	2,600,000	Yes	300,000					2
Water Main Replacements								
Gettysburg Pl. & Nottingham Addn.	500,000	No			500,000			TBD
Red Oak Ln./Scenic Hills & Stonegate N.	400,000	No				400,000		TBD
Miscellaneous Water Main Replacement	1,200,000	No				400,000	400,000	TBD
Airport Freeway Water Line Adjustments	1,750,000	Yes	1,750,000					5
Shady Brook Addition	1,690,000	Partial			550,000	150,000		2 / TBD
Brown Trail north of Harwood Road	250,000	No			250,000			TBD
Eagle Drive from Blue Jay Court to Brown Trail	600,000	No		600,000				TBD
Wade Drive from Bedford Road to Honor Oak	300,000	No			300,000			TBD
Scenic Hills, Russell/Ravenswood, and Harwood	1,000,000	No				400,000	600,000	TBD
Circle Drive	800,000	No					800,000	TBD
Commerce and Tibbits	400,000	No		400,000				TBD
FM 157 New Water Main	100,000	No		100,000				TBD
Harwood Road	TBD	No						TBD
Wastewater Rehabilitation								
Infiltration & Inflow Projects	420,000	Yes			100,000	100,000		2
Rehab Sewer Mains in Sulphur Branch Drainage Area	1,620,000	Yes	250,000	150,000				2
Sanitary Sewer Creek Crossings-Identified in I & I Studies	575,000	Yes			175,000	400,000		2
Sanitary Sewer Creek Crossings (various)	500,000	No					500,000	TBD
Sewer Main Rehabilitation - Various areas	755,000	Partial			205,000	275,000	275,000	2 / TBD
Airport Freeway Wastewater Line Adjustments	750,000	Yes	750,000					5
Rehab Hurricane Creek Trunk Sewers	520,000	No		520,000				TBD
Rehab Bear Creek Trunk Sewers	1,050,000	No		330,000	270,000	225,000	225,000	TBD
Rehab Pipeline Road Trunk Sewer	250,000	No			250,000			TBD
Texas Water Development Board (TWDB) Segment 11	700,000	Yes						2
FM 157 New Sewer Main	125,000	No		125,000				TBD
Sewer Mains in Bedford Road from Somerset to Brown Trail	100,000	No		100,000				TBD
Sewer Mains in Harwood Road from City Limit to City Limit	TBD	No						TBD

**CITY OF BEDFORD**  
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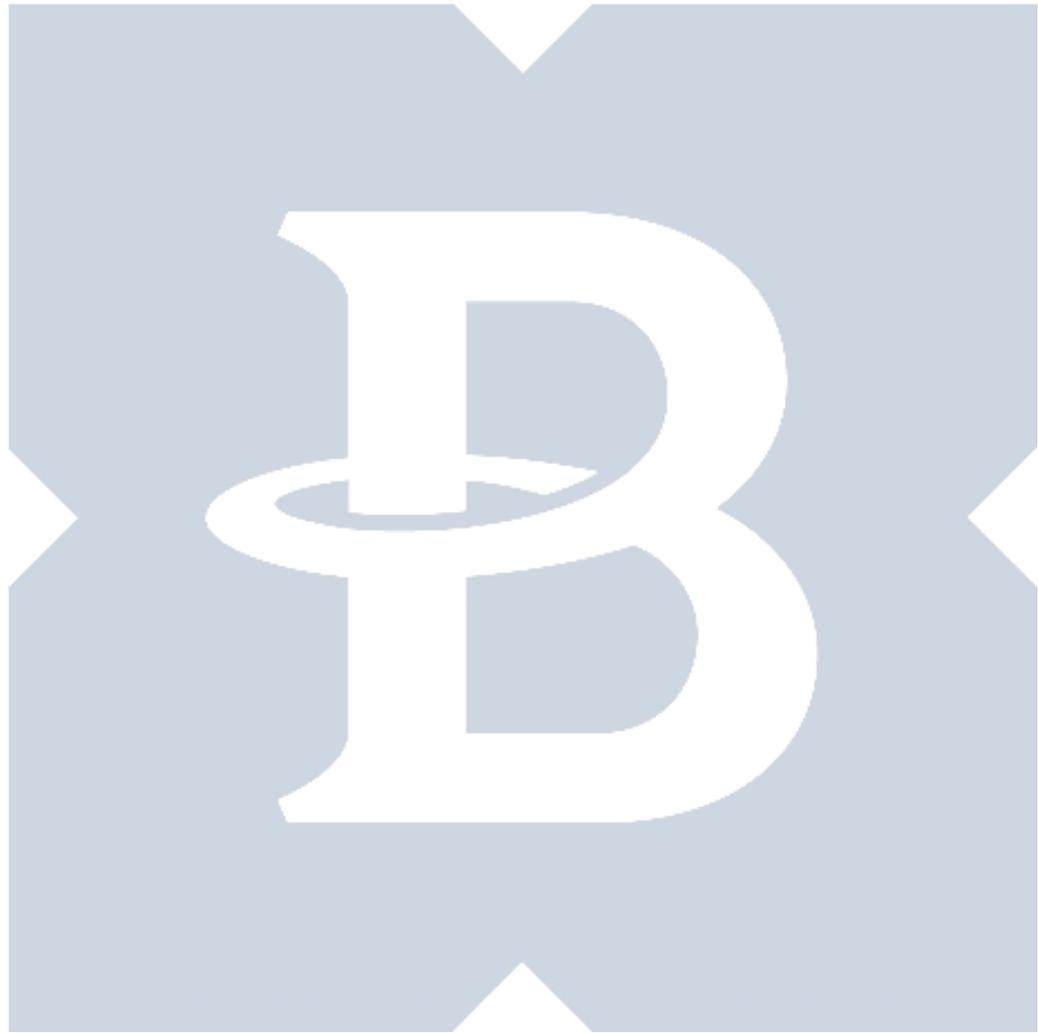
PROJECT	ESTIMATED CURRENTLY		FY 13/14	FY 14/15	FY 15/16	FY 16/17	FY 17/18	FUNDING SOURCE
	COST	FUNDED						
<b><u>DRAINAGE</u></b>								
Sulphur Branch								
Channel Improvements	1,320,000	Yes		1,200,000				1
Sulphur Branch Tributary								
Schumac Ln. Culvert / Bridge	285,000	No			285,000			TBD
Donna Ln. Culvert / Bridge	325,000	No			325,000			TBD
Briar Dr. Culvert / Bridge	300,000	No				300,000		TBD
Shirley Way Culvert / Bridge	375,000	No				375,000		TBD
Circle Ln. Culvert / Bridge	550,000	No				550,000		TBD
Erosion Control Sulphur Branch & Sulphur Branch Tributary								
Erosion Control - Brookhollow Park	700,000	Yes		600,000				1
Erosion Control Various Other Channels								
Woodson Storm Water Improvements	200,000	No					200,000	TBD
Hurricane Creek South of Commerce Pl.	200,000	No			200,000			TBD
Hurricane Creek East/West of Hospital Pkwy.	200,000	No					200,000	TBD
Murphy/Rolling Meadows/Cheek-Sparger Channel	200,000	No			200,000			TBD
Little Bear Creek South of Cheek Sparger	200,000	No				200,000		TBD
Ashford/Berkshire Channel	200,000	No				200,000		TBD
Bridge Railing - Forest Ridge Dr.	20,000	Yes	20,000					2
<b><u>PARKS/RECREATION</u></b>								
Expansion of Linear Trails	295,000	Yes	295,000					1
Park Maintenance/Replacement Items	380,000	Yes		100,000				1
Boys Ranch Phase I (Lake)	3,533,500	Yes	322,000	3,211,500				1
Meadow Park Light Replacement	300,000	No						TBD
<b><u>ROADS</u></b>								
Dora Street	1,772,000	Yes	938,000					1
Bedford Road Mill and Asphalt Overlay	2,200,000	No					2,200,000	TBD
Curb Ramp Compliance	250,000	No	50,000	50,000	50,000	50,000	50,000	TBD
<b><u>SIEDC 4B Corporation</u></b>								
Cracksealing	813,000	Yes	63,000	150,000	150,000	150,000	150,000	4
Concrete Street Repairs / Panel Replacements	550,000	Yes	50,000	100,000	100,000	100,000	100,000	4
Asphalt Street Rebuild / Repairs	2,703,000	Yes	533,000	320,000	450,000	600,000	100,000	4
Lane Striping	600,000	Yes	100,000	100,000	100,000	100,000	100,000	4
Bedford Road Construction from Somerset to Brown Trail	824,000	Yes		824,000				4
Harwood Road Conceptual Design	450,000	Yes		450,000				4
Brasher Lane	1,323,000	No						TBD
<b><u>EQUIPMENT &amp; SOFTWARE</u></b>								
Computer Upgrade from XP Pro to Windows 7	120,700	Yes	120,700					11
Comprehensive Finance software upgrade	679,140	Yes		179,140				10
Replacement of Mobile Data Computers	158,619	Yes	158,619					11
Motorola Data Radio System upgrade	1,134,520	Yes	177,734	956,786				10
Custom Fire Pumper	600,000	Yes		600,000				10
<b>TOTALS</b>	<b>\$47,030,487</b>		<b>\$6,378,053</b>	<b>\$11,166,426</b>	<b>\$4,460,000</b>	<b>\$4,975,000</b>	<b>\$5,900,000</b>	



**City of Bedford  
Street Improvement Economic Development Corporation**

**Proposed Revenue and Expenditures  
Fiscal Year Ending September 30, 2015**

<b>Projected Fund balance October 1, 2014</b>	<b>\$ 2,295,521</b>
<b>Revenue:</b>	
Sales Tax	\$ 2,465,000
Sales Tax Special Incentive	150,000
Interest	<u>\$ 3,000</u>
<b>Total Revenue</b>	<b>\$ 2,618,000</b>
<b>Required Reserve</b>	<b>\$ 1,119,018</b>
<b>Available Funds</b>	<b>\$ 3,794,503</b>
<b>Expenditures</b>	
Operating Transfers	1,382,738
Paying Agent Fees	120
Supplies	23,000
Maintenance Materials	65,000
Equipment Maintenance	15,000
Vehicle Maintenance	12,960
Equipment Rental	2,000
Contract Labor	2,046,500
GIS Development	35,000
Capital Vehicles / Equipment	<u>180,800</u>
<b>Total Expenditures</b>	<b>\$ 3,763,118</b>
<b>Available funds less expenditures</b>	<b><u>\$ 31,385</u></b>
<b>Projected Fund Balance, September 30, 2015</b>	<b><u><u>\$ 1,150,403</u></u></b>



**CITY OF BEDFORD  
CAPITAL IMPROVEMENT PROGRAM**

**FACILITIES/EQUIPMENT**

**Project 508: Animal Control Center Expansion**

**Budget:** \$239,450

**Description:**

The existing Animal Control Center building will be increased by 1,200 square feet. This addition will include lab expansion, additional canine and feline adoption rooms, an adoption viewing room, and increased storage space. An outdoor covered dog kennel will also be added.

**Operating Budget Effect:** Minimal increase in utilities

**Status:** Project is on hold indefinitely. Expansion not necessary for effective operations at this time.

**Project 516: Joint Regional Dispatch Facility**

**Budget:** \$613,000

**Description:**

The joint regional dispatch facility involves the construction and equipping of a facility that coordinates regional Fire/EMS dispatch resources. This is required to assure accurate and rapid Fire/EMS dispatch. It will allow the closest units to respond to emergencies immediately and ensure that Bedford is never without Fire/EMS resources during multiple emergency situations.

**Operating Budget Effect:** Unknown at this time

**Status:** This project will not be pursued. Potential partner cities have decided not to collaborate on this project.

## DRAINAGE

### **Project 505: Sulphur Branch Drainage Project**

**Budget:** \$5,894,128

**Description:**

The Sulphur Branch Drainage Project encompasses various improvements to the Sulphur Branch watershed that extends from the southern boundary of Bedford at Pipeline Road northward to Airport Freeway and includes a tributary to Sulphur Branch identified as SB-1. These improvements were derived from a list of known drainage problems in Bedford and were determined to have the most pressing need for corrective action in order to prevent inundation of numerous homes in the event of a 100-year storm, as well as eliminating flooding of the Forest Ridge/SH 183 intersection.

Sulphur Branch: Pipeline to Rankin Road – A proposal to provide channel improvements along the existing stream bed with minimum intrusion into Brookhollow Park to adequately transport storm waters of a 100-year storm.

Sulphur Branch at Circle Lane to Rankin Drive – A proposal for culvert improvements to assure adequacy to handle the storm waters of a 100-year storm.

Sulphur Branch at Bedford Road – A proposal for modification of the culverts of Bedford Road and the installation of various sized storm drains from Somerset Terrance to the Sulphur Branch channel sufficient to handle a 100-year storm.

Sulphur Branch at Airport Freeway – Construction of an additional double box culvert under Airport Freeway and provision of 200 feet of upstream channel improvements to handle a 100-year storm.

Tributary SB-1: Overhill Drive and Edgecliff Drive – Modifications to box culverts under these two streets to handle a 100-year storm.

Tributary SB-1: Overhill Drive to Circle Lane – Channel improvements and culvert modifications to handle a 100-year storm.

Tributary SB-1 at Airport Freeway – Construction of an additional double box culvert under Airport Freeway and providing matching upstream and downstream channel improvements to handle a 100-year storm.

**Operating Budget Effect:** None

**Status:** The projects will be scheduled in phases, with the first phase slated to begin in Fiscal Year 2013/2014 and continuing from there.

## PARKS/RECREATION

### **Project 501: Boys Ranch Phase I**

**Budget:** \$3,533,500

**Description:**

This phase includes dredging and reshaping the Boys Ranch Master Lake and associated drainage, addition of aerators, fishing pier, stone overlooks and related lighting, irrigation and landscaping.

**Operating Budget Effect:** Unknown at this time

**Status:** Design has been completed for Phase I. Voters approved \$3.2 million for this project in November 2013. United States Army Corps of Engineer permits for this project were granted in September 2014 and the construction contract was awarded in October 2014. It is anticipated that construction will be underway by December 2014, with a 300 day construction schedule.

### **Project 503: Expansion of Linear Trails**

**Budget:** \$295,000

**Description:**

The expansion of linear trails connects the easement of trailhead at the Meadowpark Complex through to Forest Ridge Drive and south to Boys Ranch Park. Trails will also be added to Carousel and Monterrey Park.

**Operating Budget Effect:** None

**Status:** Construction on the Meadowpark trails began in July 2014 and completion is anticipated in October 2014. Staff and the Parks and Recreation Board will evaluate the remaining funding for projects in the other parks.

### **Project 504: Park Maintenance/Replacement Items**

**Budget:** \$380,000

**Description:**

The improvements to current parks include play structures at Boys Ranch to provide ADA accessibility; adding lighting to soccer fields 2 and 3 at Boys Ranch Park.

**Operating Budget Effect:** Minimal utility and maintenance costs

**Status:** Improvements are awaiting other slated projects to begin after Phase I of the Boys Ranch project.

## ROADS

### **Project ST 11-01: Dora Street Reconstruction**

**Budget:** \$1,772,000

**Description:**

The reconstruction of Dora Street from Belle Street to Pipeline Road was included in the Bedford 2005 Bond Program. This project is described as “Reconstruction of Dora Street due to failed sections that are unable to withstand loads distributed during average traffic flows. In addition the street has an unusually high crown that presents a hazardous driving condition.

**Operating Budget Effect:** None

**Status:** This project is underway. The estimated completion date is November 2014.

## WATER/WASTEWATER

### **Project 529: Water Main- Woodson Lane- Harwood to Bedford**

**Budget:** \$1,300,000

**Description:**

This project is the replacement of the water mains in the following areas of Bedford: Shadybrook, Gettysburg/Nottingham, Ravenswood/Russell, and Red Oak.

**Operating Budget Effect:** None

**Status:** Water mains have been replaced in the Shadybrook area. Replacement of the remaining water mains has been scheduled for Fiscal Year 2015/2016, pending funding approval.

**Project WA 10-03: North Tarrant Express Water Line Adjustments**

**Budget:** \$100,000

**Description:**

These funds will be used for the design of water lines that will have to be relocated to provide for the expansion of the North Tarrant Express.

**Operating Budget Effect:** None

**Status:** This project was completed in September 2014.

**Project WA 10-04: Water Supervisory Control & Data Acquisition System**

**Budget:** \$75,000

**Description:**

This project will be used to provide real time data to the Public Works Service Center on the operations of the three existing elevated storage tanks and the Bedford Road Well and Pump Station.

**Operating Budget Effect:** None

**Status:** This project was completed in April 2014.

**Project WA 11-01: Simpson Terrace Elevated Tank Site Well**

**Budget:** \$1,300,000

**Description:**

Additional potable water well to offset some demand for potable water purchased from Trinity River Authority's (TRA) Tarrant County Water Supply Project.. The Cost Benefit Analysis showed that the well will pay for itself in approximately four years. The well water will be treated on-site and pumped into the system at the existing Simpson Terrace elevated storage tank.

**Operating Budget Effect:** approx. \$86,000 – annual utility, chemical and maintenance costs. Well operation will reduce the amount of water purchased from the Trinity River Authority, thereby reducing expenses.

**Status:** This project is underway. The estimated completion date is December 2014.

**Project WA 11-02: Northwest Pressure Plane Improvements**

**Budget:** \$200,000

**Description:**

The “Pressure Analysis and Recommendations for the City of Bedford Northwest Study Area” prepared by Kimley-Horn & Associates concluded a new higher pressure plane would be need to be created in the northwest part of the City. The study recommended the addition of a new booster pump station located at the Simpson Terrace Elevated Tank site and the establishment of a new pressure plane to serve northwest Bedford. This would provide for the design of the improvements.

**Operating Budget Effect:** Minimal utility and maintenance costs related to a booster station.

**Status:** This project is underway. The estimated completion date is January 2015.

**Project SE 10-05: North Tarrant Express Sanitary Sewer Line Adjustments**

**Budget:** \$100,000

**Description:**

These funds will be used for the design of sanitary sewer lines that will have to be relocated to provide for the expansion of the North Tarrant Expressway.

**Operating Budget Effect:** None

**Status:** This project was completed in September 2014.

**Project SE 10-06: Sulphur Branch Segment 11 Sewer Line Rehabilitation**

**Budget:** \$77,000

**Description:**

This segment of line was identified in the “Comprehensive Wastewater Collection System Evaluation” as needing to be replaced and upsized. This is for the design of the project.

**Operating Budget Effect:** None

**Status:** This project was completed in May 2014.

**Project SE 11-01: Infiltration & Inflow Studies**

**Budget:** \$220,000

**Description:**

This project will continue Infiltration & Inflow Studies recommended by the “Comprehensive Wastewater Collection System Evaluation”.

**Operating Budget Effect:** None

**Status:** This project is underway. The expected completion date is January 2015.

**Project SE 12-01: Sulphur Branch Sewer Main Rehabilitation**

**Budget:** \$494,000

**Description:**

This project will address inflow and infiltration (I&I) issues identified in the 19.1W drainage area I&I study. Point repairs are recommended for 12” line segments and complete main replacement is recommended from Highway 183 to Warwickshire Court.

**Operating Budget Effect:** None

**Status:** This project is scheduled to be completed in FY 2014/2015.

