

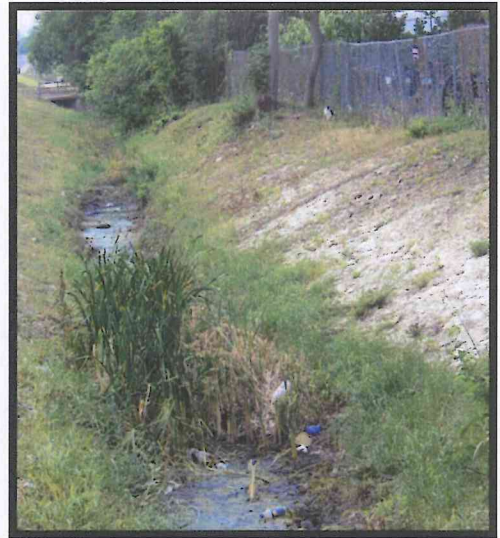
Stormwater Drainage Utility

Introduction

The Stormwater Drainage Utility manages and maintains stormwater infrastructure operations and facilities. Some of the additional responsibilities of the Stormwater Drainage Utility are assisting other Divisions in City code enforcement. Daily responsibilities include drainage and flood control when needed, right-of-way mowing and cleaning, street sign maintenance and street cleaning operations.

The Stormwater Drainage Utility has been focusing on meeting the Environmental Protection Agency's (EPA) Phase II regulations and requirements regarding stormwater control in municipalities. In 2012, the City expects to continue efforts to meet the forthcoming stormwater control mandates.

The 2012/13 Five Year Capital Improvement Plan (CIP) includes projects aimed at improving stormwater drainage, erosion control and the compilation of stormwater assets. The Smith Branch buy-outs are a three year program to buy-out 16 homes in San Jose and Quail Valley neighborhoods.

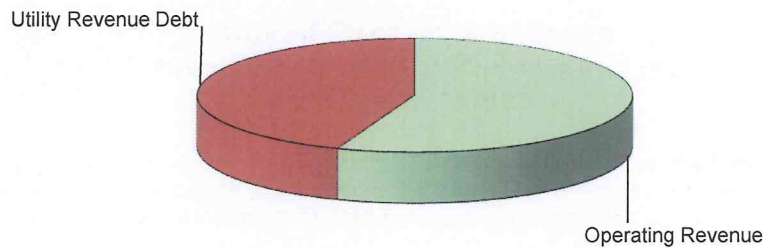


City of Georgetown, Texas
Stormwater Capital Improvement Program
2012/13 to 2016/17

The City will be determining a source of revenue to fund the EPA Phase II regulations, the Regional Stormwater Plan, and other requirements regarding stormwater control within municipalities. The most likely revenue source is through a combination of stormwater fees and developer fees paid in-lieu of onsite detention.

	2012/13	2013/14	2014/15	2015/16	2016/17	Total
<i>(Thousands of dollars)</i>						
Projected Annual Project Cost	\$715	\$400	\$2,615	\$400	\$300	\$4,430
Debt Issuance Cost	\$0	\$0	\$90	\$0	\$0	\$90
Sources of Funding						
Operating Revenue	\$715	\$400	\$705	\$400	\$300	\$2,520
Utility Revenue Debt	\$0	\$0	\$2,000	\$0	\$0	\$2,000

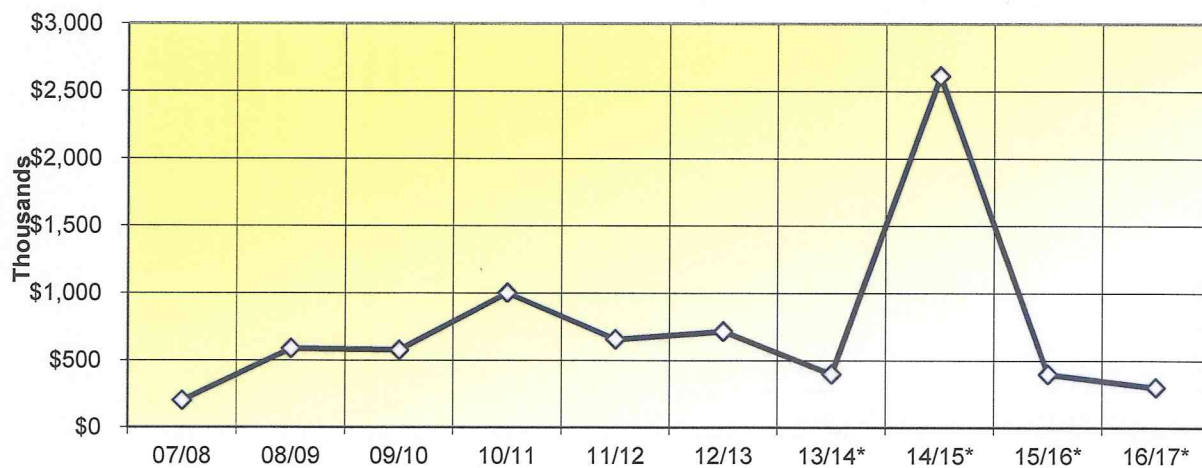
Combined 5 Year Estimated Funding Sources



City of Georgetown, Texas
Stormwater Capital Improvement Program
2012/13 to 2016/17

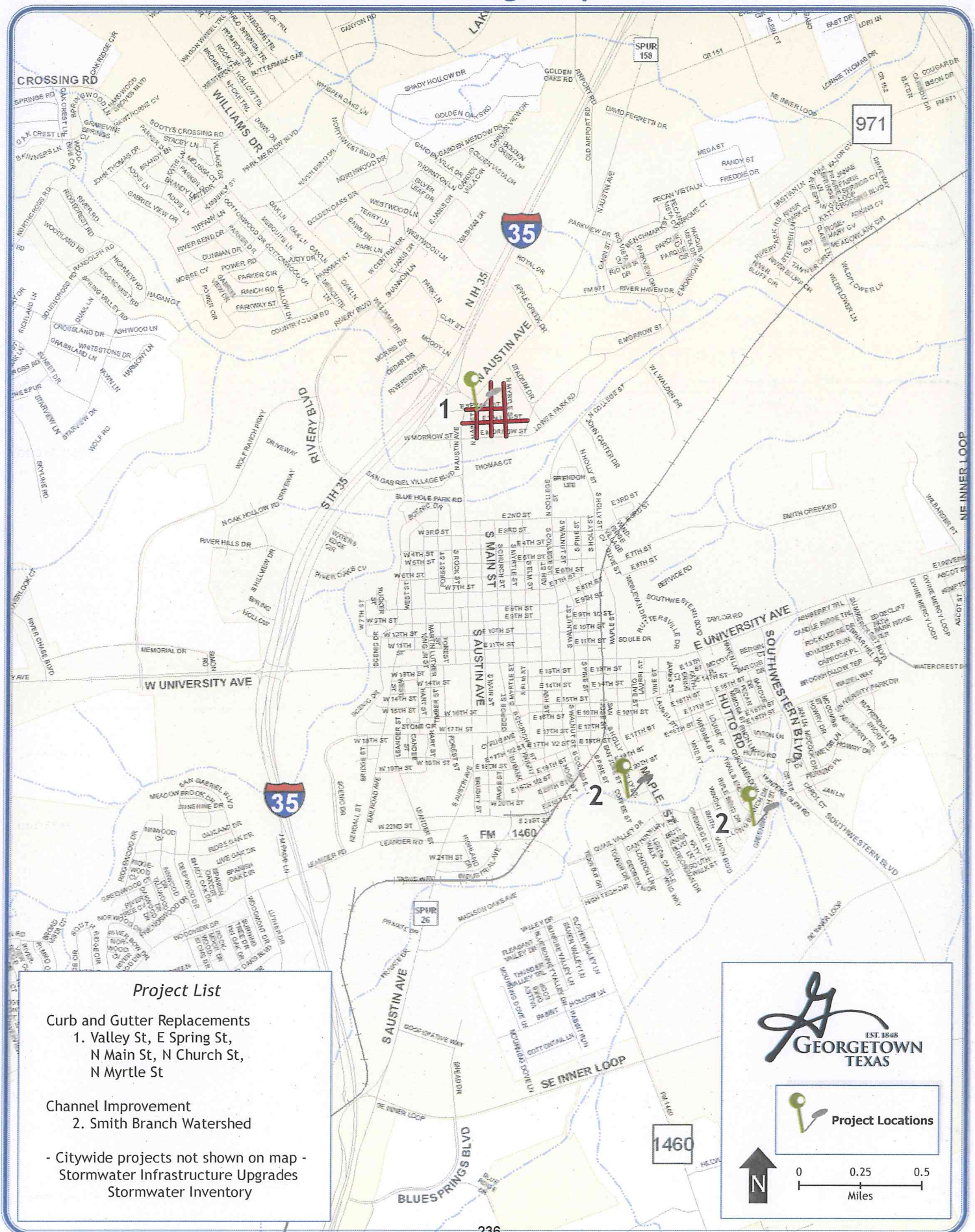
Project	Prior Years	12/13	13/14	Projected 14/15	15/16	16/17
<i>(Thousands of dollars)</i>						
<u>New Projects:</u>						
Curb and Gutter Replacements	559	265	200	300	300	300
Stormwater Infrastructure Upgrades	200	100	100	100	100	-
Stormwater Inventory	150	100	-	-	-	-
Smith Branch Buy-outs	-	250	100	2,215	-	-
Totals	\$909	\$715	\$400	\$2,615	\$400	\$300

Stormwater Capital Project Cost



C.I.P. 2012-2013

Stormwater Drainage Improvements



City of Georgetown, Texas
Capital Improvement Program

Smith Branch Buy-outs

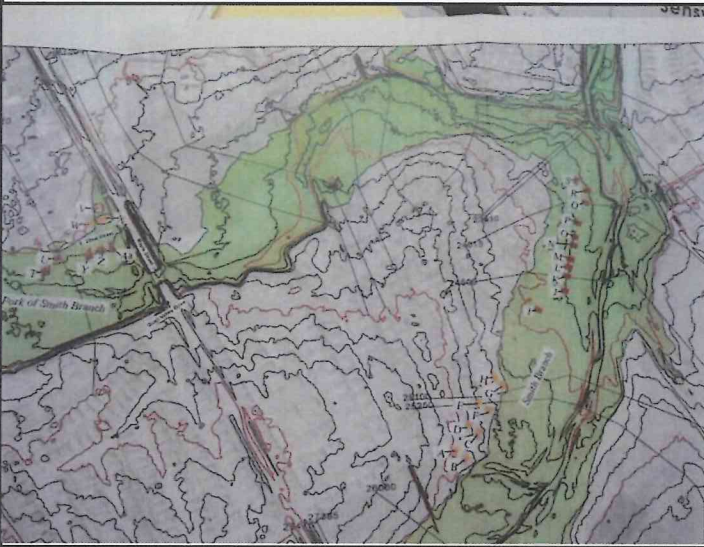
Responsible Division: Stormwater Drainage

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total
		13/14	14/15	15/16	16/17	Future Yrs.	
-	250	100	2,215	-	-	-	2,565

Description :

Three year phased program to buy-out 16 homes in San Jose and Quail Valley neighborhoods. Year 3 will include debt issuance. Smith Branch Watershed Master plan included several options ranging from channel improvements, on-site or off-site detention to buy outs. A 3 year buy-out option was selected by City Council. Includes Pre-disaster mitigation planning to potentially receive federal funding for 2013/14 and beyond to reduce local contribution.



Estimated Project Cost (000):

Construction	2,230
Design	335
Preconstruction	-
Other	-
Total	\$2,565

Funding Sources :

Funded with cash from Drainage Utility and future utility revenue debt.

Subprojects (000):

	12/13	13/14	14/15	15/16	16/17
Smith Branch Buy-outs	250	100	2,215	-	-

Operating Budget Impact (000):

Basis for Estimate

12/13	13/14	14/15	15/16	16/17
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No Material Impact

Notes:

City of Georgetown, Texas
Capital Improvement Program

Stormwater Infrastructure Upgrades

Responsible Division: Stormwater Drainage

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total
		13/14	14/15	15/16	16/17		
	100	100	100	100	-		400

Description :

Rehabilitation of ponds above and beyond monthly mowing and trash or debris removal. Examples may include dredging of ditches, stormwater boxes or water quality / detention ponds; construction of end treatments, fencing and alterations of existing storm drain features; and removal and replacement of filtration devices.



Estimated Project Cost (000):

Construction	333
Design	67
Preconstruction	-
Other	-
Total	\$400

Funding Sources :

Funded with cash from Drainage Utility

Subprojects (000):

	12/13	13/14	14/15	15/16	16/17
Stormwater Infrastructure Upgrade	100	100	100	100	-

Operating Budget Impact (000):

Basis for Estimate

12/13	13/14	14/15	15/16	16/17
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No Material Impact

Notes:

City of Georgetown, Texas
Capital Improvement Program

Curb and Gutter Replacements

Responsible Division: Stormwater Drainage

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total
		13/14	14/15	15/16	16/17		
300	265	200	300	300	300		1,665

Description :

This project will consist of replacing deteriorating stand-up curbs with curb and gutter. Stand-up curbs throughout the City will be evaluated on their condition and their potential to cause damage to roadways. The curbs identified in areas with the poorest drainage are most likely to contribute to road damage. These curbs will be targeted for replacement. These replacements will save the City from having to perform much more costly street rehabilitation.



Estimated Project Cost (000):

Construction	1,391
Design	249
Preconstruction	-
Other	25
Total	\$1,665

Funding Sources :

Funded with cash from Drainage Utility

Subprojects (000):

	12/13	13/14	14/15	15/16	16/17
Curb and Gutter Replacement	265	100	300	300	300
W 4th St	-	100	-	-	-

Operating Budget Impact (000):

Basis for Estimate

12/13 13/14 14/15 15/16 16/17

No Material Impact

Notes:

City of Georgetown, Texas
Capital Improvement Program

Stormwater Inventory

Responsible Division: Stormwater Drainage

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total
		13/14	14/15	15/16	16/17		
-	100	-	-	-	-		100

Description :

Contractor services to identify all City of Georgetown stormwater conveyance systems on an asset management system. All outfalls will be identified as part of project. An outline will be developed and presented to the City explaining all aspects and requirements to ensure compliance with the phase two stormwater regulations.



Estimated Project Cost (000):

Construction	83
Design	17
Preconstruction	-
Other	-
Total	\$100

Funding Sources :

Funded with cash from Drainage Utility

Subprojects (000):	12/13	13/14	14/15	15/16	16/17
Stormwater inventory	100	-		-	-

Operating Budget Impact (000):

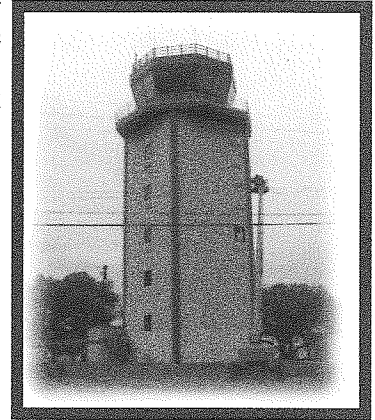
Basis for Estimate	12/13	13/14	14/15	15/16	16/17
					No Material Impact

Notes:

Airport Services

Introduction

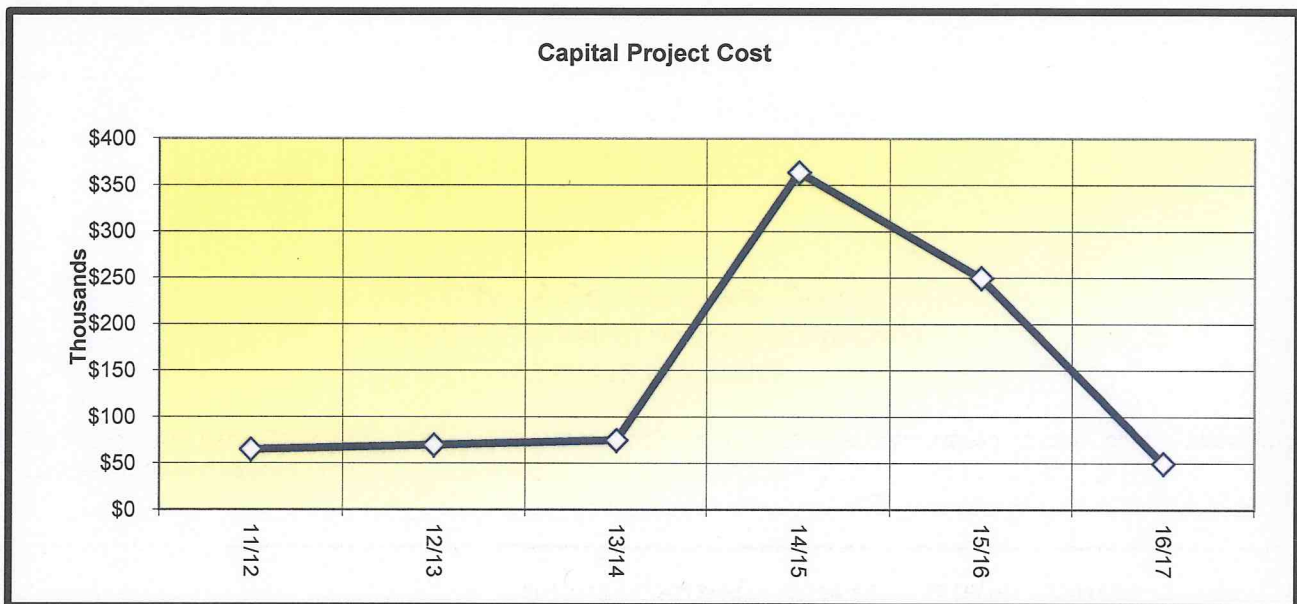
Airport Services manages, maintains and repairs City airport. Some of the additional responsibilities of the airport department include traffic control, emergency response operations and special events. Daily responsibilities include inspection of runways for sign repair, pavement management and removal of sight obstructions. Airport Services has experienced a growth in demand for maintenance and rehabilitation of the City's runway system.



City of Georgetown, Texas
Airport Capital Improvement Program
2012/13 to 2016/17

The Airport five year Capital Improvement Program funding comes from a combination of cash contributions and previous year-end excess funds.

	2012/13	2013/14	2014/15	2015/16	2016/17	Total
<i>(Thousands of dollars)</i>						
Projected Annual Project Cost	\$70	\$75	\$364	\$250	\$50	\$809
Sources of Funding						
Operating Revenues	\$70	\$75	TBD	TBD	\$50	\$195



City of Georgetown, Texas
Airport Capital Improvement Projects
2012/13 to 2016/17

Project	Prior Year	12/13	13/14	Projected 14/15	15/16	16/17
<i>(Thousands of dollars)</i>						
Runway 1836						
Runway 1836 Lights	-	20	-	-	-	-
TxDot Ramp for AWOS	-	50	50	50	50	50
Parallel Taxi Way to RW 36	-	-	25	-	-	-
Runway 1836 & 1129 striping	-	-	-	6	-	-
Fuel Farm	-	-	-	50	200	-
Taxiway Lights and Widening	-	-	-	258	-	-
Totals	0	70	75	364	250	50

City of Georgetown, Texas
Capital Improvement Program

Runway 1836 Lights

Responsible Division: Airport

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected				Total	
		13/14	14/15	15/16	16/17		
-	20	-	-	-	-	20	

Description :

Replace run way 18-36 edge lights and threshold lights. The budget amount is the City's portion of the project. This is an agreement with TxDot where we split the cost 90/10 or some variation of that.



Estimated Project Cost (000):

Construction	17
Design	3
Preconstruction	-
Other	-
Total	\$20

Funding Sources :

Airport fund

Subprojects (000):

	12/13	13/14	14/15	15/16	16/17
Replacement of Runway 1836 lights	20	-	-	-	-

Operating Budget Impact (000):

Basis for Estimate

12/13	13/14	14/15	15/16	16/17
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No Material Impact

Notes:

**City of Georgetown, Texas
Capital Improvement Program**

TxDot Ramp for AWOS

Responsible Division: Airport

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total	
		13/14	14/15	15/16	16/17			
-	50	50	50	50	50		250	

Description :

TxDOT Aviation code: M214GEORG. TxDOT to contract for Automated Weather Observing System (AWOS) Maintenance, sponsor to contract for airport general maintenance projects. This is an agreement with TxDot were we split the cost 90/10 or some variation of that.



Estimated Project Cost (000):

Construction	217
Design	33
Preconstruction	-
Other	-
Total	\$250

Funding Sources :

Airport fund

Subprojects (000):

	12/13	13/14	14/15	15/16	16/17
Automated Weather Observing System maintenance	50	50	50	50	50

Operating Budget Impact (000):

<i>Basis for Estimate</i>	12/13	13/14	14/15	15/16	16/17

No Material Impact

Notes:

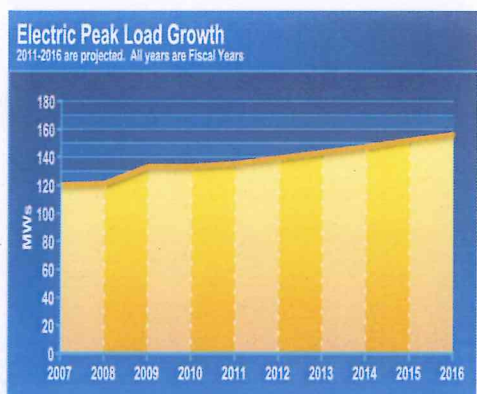
Energy Services

Introduction

The Energy Services Utility maintains a Capital Improvement Program (CIP) to address the community's need for superior electric service. The CIP is developed by incorporating several factors including service improvement, increased reliability, equipment aging, and extension of service within the certificated service area, regulatory changes, competition within dually certified areas, and support for economic development. The City operates and maintains an energy delivery system including seven substations and 385 miles of distribution lines consisting of both 12.5kV and 25kV. In addition to energy delivery, the Energy Services Utility operates the SCADA system, fiber-optic communications network, and the AMR system. These additional systems support collectively the electric and water utilities.

Substations	MVA
Chief Brady	80.3
East	46.7
Gabriel	56.0
Georgetown	44.8
Glasscock	33.6
Rivery	80.3
South	46.7
Total Capacity	388.4
Distribution lines	
Electric Lines	394.0
Fiber lines	35.0
Networked AMR Meters	20,899.0

Growth



Over the past ten years, the City of Georgetown Electric distribution system has experienced rapid growth, with the addition of several new residential and commercial developments in the system's service area. The system anticipates a continued growth of 15% in the service area over the next five years. The Capital Improvement Plan (CIP) includes projects over the next five years to add power bank additions at substations along with other substation support and modifications to address growth and reliability. Additionally, the CIP includes new extensions of overhead and underground feeders to new commercial and residential developments, system improvements projects for load and reliability control, as well as the service extensions from the existing distribution system to service new customers.

Age

To address the aging of the system, the CIP includes projects to inspect, treat or replace deteriorated poles and rehabilitate aging facilities. In 2008/09, the Utility began a long term project to identify and rehabilitate overhead & underground facilities system wide including phased conversion of portions of its 12.5kV system to 25kV for reliability.



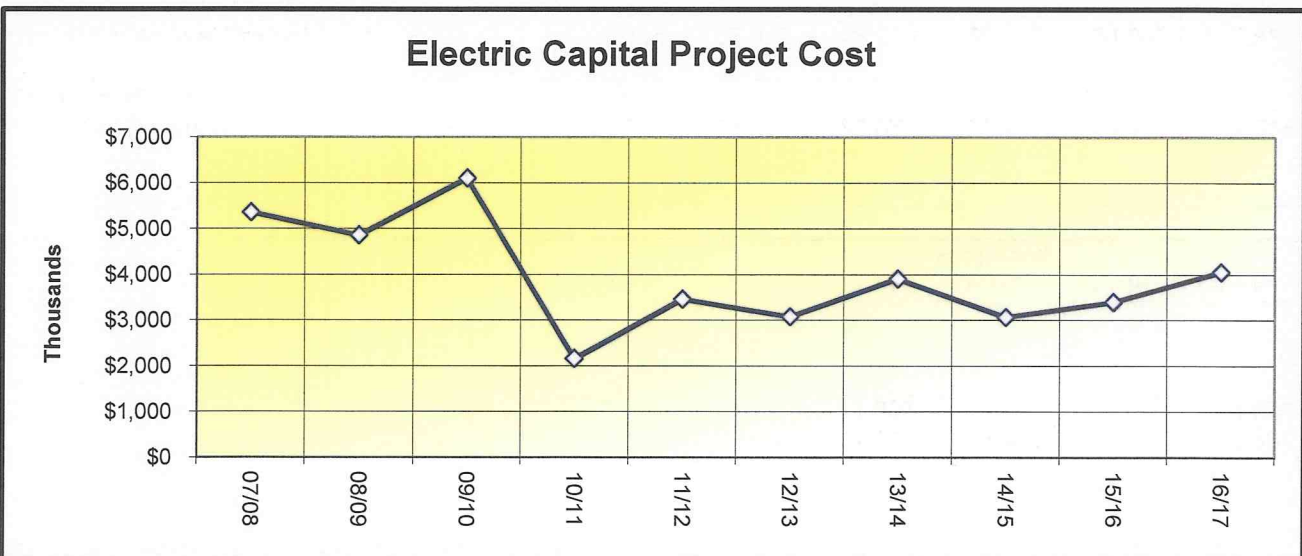
Regulatory Changes

The City's electric system is subject to reliability standards of the North American Electric Reliability Council (NERC), operational control and reliability through the Electric Reliability Council of Texas (ERCOT). Due to the deregulated electric market in Texas, and the City's status as a non-opt-in municipal retail provider, the City must continue to monitor developments in the Texas market place. The replacement of the AMR system with an AMI system will support regulatory changes related to Smart-Grid. The City has a Conservation and Environmental department to focus on conservation within the electric utility, including the provision for capital investment in conservation-related projects.

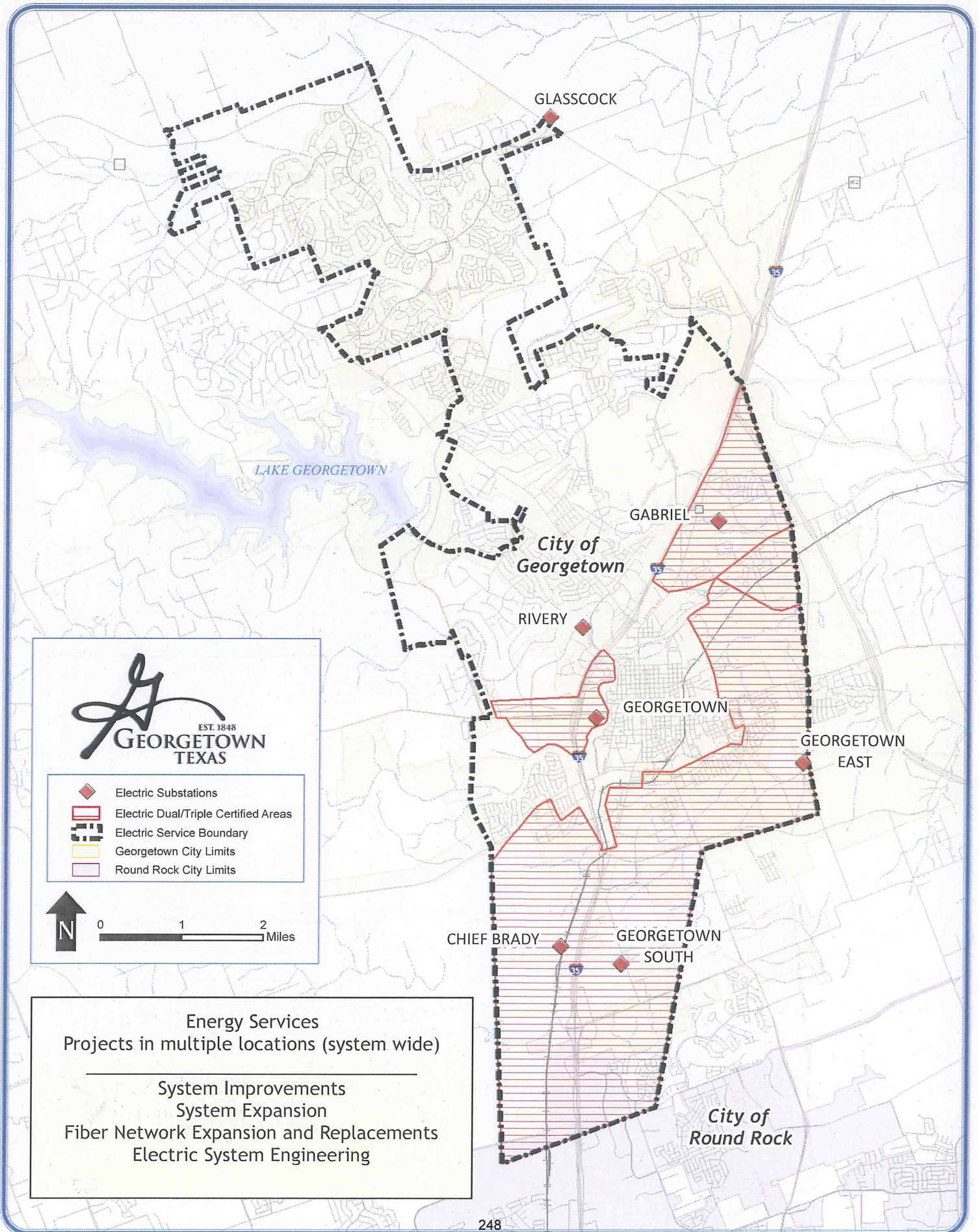
City of Georgetown, Texas
Electric Capital Improvement Program
2012/13 to 2016/17

	2012/13	2013/14	2014/15	2015/16	2016/17	Total
<i>(Thousands of dollars)</i>						
Projected Annual Project Cost	3,083	\$3,912	\$3,070	\$3,410	\$4,060	\$17,535
Sources of Funding						
Operating Revenue	\$3,083	\$3,912	\$3,070	\$3,410	\$4,060	\$17,535

Project	Prior Year	12/13	13/14	Projected 14/15	15/16	16/17
<i>(Thousands of dollars)</i>						
Current Projects:						
Substations / Communication	1,845	513	1,697	605	445	1,595
System Improvements	1,280	2,570	2,215	2,465	2,965	2,465
Totals	\$3,125	3,083	\$3,912	\$3,070	\$3,410	\$4,060



C.I.P. 2012-2013 Energy Services



**City of Georgetown, Texas
Capital Improvement Program**

Substations / Communication

Responsible Division: Energy Services

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total	
		13/14	14/15	15/16	16/17			
1,845	513	1,697	605	445	1,595		6,700	

Description :

The cost associated with these projects are for installation of new or replacing existing power banks. This project also provides for engineering, construction and installation of devices related to operating and maintaining City's electric Substation including SCADA upgrades.



Estimated Project Cost (000):

Construction	6,091
Design	609
Preconstruction	-
Other	-
Total	\$6,700

Funding Sources :

Funded by cash from Electric Utility.

Projects (000):

	12/13	13/14	14/15	15/16	16/17
Substations	118	1,137	160	50	1,200
Communication	295	460	345	295	295
NERC compliance	100	100	100	100	100

Operating Budget Impact (000):

<i>Basis for Estimate</i>	12/13	13/14	14/15	15/16	16/17
Transformation Cost Savings	(85)	(89)	(326)	(359)	(359)

Notes:

City of Georgetown, Texas
Capital Improvement Program

System Improvements

Responsible Division: Energy Services

Financial Plan (thousands of dollars) :

Prior Years	Budget 12/13	Projected					Total	
		13/14	14/15	15/16	16/17			
1,280	2,570	2,215	2,465	2,965	2,465		13,960	

Description :

These projects provide for various system improvements and modifications to the existing electric system overhead and underground main and branch feeder circuits. Projects include the replacement and modification of facilities, circuit ties for reliability improvements, voltage conversions, conductor replacement or upgrades, capacitor and sectionalization switches for system performance.



Estimated Project Cost (000):

Construction	12,691
Design	1,269
Preconstruction	-
Other	-
Total	\$13,960

Funding Sources :

Funded by cash from the Electric Utility.

Projects (000):

	12/13	13/14	14/15	15/16	16/17
System Improvements	2,570	2,215	2,465	2,965	2,465

Operating Budget Impact (000):

Basis for Estimate

12/13	13/14	14/15	15/16	16/17
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No Material Impact

Notes: