

# Five-Year Capital Investment Program 2009 to 2013

## PART II A

Capital Improvement Construction Projects -

Current Operating Revenue/Reserves - Income derived from operations in the same year investments in capital items are made or use of fund balances in excess of operating expenses.

## Part IIA Five Year Capital Investment Program by Fund

### Capital Improvement Construction Projects - Funded from Operating Revenue

	09-10	10-11	11-12	12-13	13-14	Total 5 Years
	Projected	Projected	Projected	Projected	Projected	
<b>GENERAL FUND</b>						
<b>Public Works</b>						
<b>Street Department</b>						
Annual St. Resurfacing	-	250,000	250,000	275,000	-	775,000
<b>Subtotal Public Works</b>	<b>-</b>	<b>250,000</b>	<b>250,000</b>	<b>275,000</b>	<b>-</b>	<b>775,000</b>
<b>UTILITY FUND</b>						
<b>Water Operations</b>						
Repaint Roland Water Tower	125,000	-	-	-	-	125,000
Rebel Road Chlorination	53,000	-	-	-	-	53,000
Center Street Transmission	65,000	-	-	-	-	65,000
Old Highway 81 12" Water	90,500	-	-	-	-	90,500
Old Stagecoach 12" Water Line	139,500	-	-	-	-	139,500
Stagecoach/Opal Tie In	76,500	-	-	-	-	76,500
Scott Street 8" Water Line	95,000	-	-	-	-	95,000
San Marcos Interconnect	65,000	-	-	-	-	65,000
County Line Interconnect	44,000	-	-	-	-	44,000
<b>Subtotal Water Operations</b>	<b>753,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>753,500</b>
<b>Sewer Operations</b>						
Sewer Rehabilitation	300,000	-	-	-	-	300,000
<b>Subtotal Sewer Operations</b>	<b>300,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>300,000</b>
<b>Total Utility Fund</b>	<b>1,053,500</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,053,500</b>

# Five Year Capital Outlay Program by Fund

## Part II-A - Capital Improvement Construction Projects Funded from Operating Revenue - *FY2008-09 and 09-10 Detail*

### UTILITY FUND

#### Water Operations

*Repaint/Rehabilitation of Roland Lane Tower* \$ 125,000

New: The water tower at Roland Lane is due to be repainted in order to maintain normal operating condition. TCEQ noted that the tower needed repainting. This project would work to bring us into compliance and rehabilitate the Roland Elevated Tank.

*Rebel Road Chlorination Station* \$ 53,000

New: Needed to control chlorine levels for Wells #1, #2 and #5 Eligible for Impact Fee funding however needs necessitate that construction occur before Impact Fees may be available next year.

*Center Street Transmission* \$ 65,000

New: Required for the new Well #3 ground storage tank (GST) to be effective to re-pressurize downtown Kyle and restore fire flow to Tenorio Addition. Three easements required (?). Not an Impact Fee Project but eligible, if the Impact Fee CIP is revised.

*Old Highway 81 12" Water* \$ 90,500

New: Tie in of new ground storage tank being constructed at Yarrington Road. Was included in original bid - city can complete work for 50% cost of bid.

*Old Stagecoach 12" Water Line* \$ 139,500

New: Needed to improve flow into downtown area (CVS). Easement needed from Mattox Estate. Not an Impact Fee project, but eligible if CIP is revised

*Stagecoach/Opal Tie In* \$ 76,500

New: Required to allow the transfer of Bradford Meadows to higher pressure zone. Four Easements needed. Is an Impact Fee Project (CR 138 Transmission) However CIP funds not currently available to fund project.

*Scott Street 8" Water Line* \$ 95,000

New: Required to allow the transfer of Four Oaks and West second to higher pressure zone. Is partly an Impact Fee project under the name Stagecoach Forest Transmission Line. CIP Funding not currently available for this project - Stagecoach Forrest Impact

*San Marcos Interconnect* \$ 65,000

New: Tie in of San Marcos delivery point at Yarrington allowing us to draw water from GBRA or San Marcos without making changes to the valve arrangement.

*County Line Interconnect* \$ 44,000

New: Emergency interconnect per draft agreement with County Line Water Supply Corporation. Not an Impact Fee project.

**Subtotal Water Fund**

**\$ 753,500**

**Part II-A - Capital Improvement Construction Projects Funded from  
Operating Revenue - *FY2008-09 and 09-10 Detail***

**Sewer Operations**

<i>Sewer Line Rehabilitation</i>	\$ 300,000
<b>To be determined</b>	
<b>Subtotal Sewer Fund</b>	\$ 300,000
<b>Total Utility Fund</b>	\$ 1,053,500

# Five-Year Capital Investment Program 2009 to 2013

## PART II B

### Capital Improvements -

Parks, water or sewer pipes, or other infrastructure features. Items may be purchased, constructed or rehabilitated.

Development Fees and Grants - Special revenue funds received for specific purposes such as water and sewer impact fees, grants from other governmental agencies or other developer fees.

**Part IIB Five Year Capital Improvement Program**  
 Summary of Projects Funded from **Impact and Development Fees**

**Park Development Fees**

	09-10	10-11	11-12	12-13	13-14	<b>Total Project Costs</b>
	Projected	Projected	Projected	Projected	Projected	
<b>Subtotal</b>	-	-	-			-

**Utility Fund Impact Fees**

**Water**

<b>Debt Service SM Expansion</b>	346,680	346,680	346,680	346,680	346,680	1,733,400
<b>0.75 MG Elevated Water Storage Tank Post Oak</b>	1,105,700	-	-	-	-	1,105,700
<b>Planning &amp; Asset Valuation-Water</b>	25,000	-	-	-		25,000
<b>Subtotal Water</b>	1,477,380	346,680	346,680	346,680	346,680	2,864,100

**Sewer**

<b>Aqua-Texas Debt on Plant Exp.</b>	365,692	365,692	365,692	365,692	365,692	1,828,458
<b>Interceptor Buntun Creek Phase 3</b>	2,550,000	500,000	-	-	-	3,050,000
<b>Planning &amp; Asset Valuation-Sewer</b>	25,000	-	-	-	-	25,000
<b>Upgrade Main Line Interceptor 2</b>	-	-	700,000	-	-	700,000
<b>Subtotal Sewer</b>	2,940,692	865,692	1,065,692	365,692	365,692	5,603,458
<b>Total Utility</b>	4,418,072	1,212,372	1,412,372	712,372	712,372	8,467,558

**Total**

**Development Fees**

4,418,072	1,212,372	1,412,372	712,372	712,372	8,467,558
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**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Water Impact Fees	<b>Budget:</b>	\$346,680/year
<b>Project:</b>	Debt Service - San Marcos Water Treatment Plant		
<b>Department:</b>	Public Works- Water Utility		
<b>Project Manager:</b>			

**Project Description:**  
 New; Annual debt service payments/obligations to GBRA under City's surface water supply agreement in support of expansion of San Marcos Water Treatment Plant; costs for City's portion of plant expansion mandated to meet future water needs; proposed as eligible expense of Water Capital Recovery Fees, utilizing advance funding/impact fees provided by developers; service increase for entire water system; will negatively impact costs and service without upgrade

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies						\$0
Land Acquisition/ROW						\$0
Design						\$0
Debt Payments	\$346,680	\$346,680	\$346,680	\$346,680	\$346,680	\$1,733,400
Contingency						\$0
<b>Total</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$1,733,400</b>
<b>Total Project Cost</b>	<b>Yr 08/09</b>	<b>Yr 09/10</b>	<b>Yr 10/11</b>	<b>Yr 11/12</b>	<b>Yr 12/13</b>	<b>Total</b>
Impact Fees	\$346,680	\$346,680	\$346,680	\$346,680	\$346,680	\$1,733,400
						\$0
<b>Total Project Funding</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$346,680</b>	<b>\$1,733,400</b>

<b>Surplus/(Deficit)</b>	\$0	\$0	\$0	\$0	\$0	\$0
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**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Water Impact Fees	<b>Budget:</b>	\$700,000
<b>Project:</b>	Elevated Storage Tank (Post Oak)		
<b>Department:</b>	Public Works- Water Utility		
<b>Project Manager:</b>			

**Project Description:**  
 New; Installation of 750,000-gallon elevated water storage tank to be constructed as part of the *Post Oak* residential subdivision; scheduled *Capital Improvement Project* utilizing impact fees provided by developers; service increase for entire system; service will be negatively impacted without upgrade.

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies						\$0
Land Acquisition/ROW						\$0
Design						\$0
Construction	\$343,576	\$1,105,700				\$1,449,276
Contingency						\$0
<b>Total Project Cost</b>	<b>\$343,576</b>	<b>\$1,105,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,449,276</b>
Funding Source(s)	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Impact Fees	\$343,576	\$250,000				\$593,576
Utility Reserves		\$855,700				\$855,700
<b>Total Project Funding</b>	<b>\$343,576</b>	<b>\$1,105,700</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,449,276</b>

**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Water Impact Fees	<b>Budget:</b>	\$150,000
<b>Project:</b>	Planning and Asset Valuation Project		
<b>Department:</b>	Public Works- Water Utility		
<b>Project Manager:</b>			

**Project Description:**  
The asset valuation and control project started in 2007-08 and is expected to continue through 2008-09 with some residual detailed data gathering required in 2009-10.

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 07/08	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies	\$25,000	\$100,000	\$25,000				\$150,000
Land Acquisition/ROW							\$0
Design		\$0					\$0
Construction		\$0					\$0
Contingency							\$0
<b>Total Project Cost</b>	\$25,000	\$100,000	\$25,000	\$0	\$0	\$0	\$150,000
<b>Funding Source(s)</b>	Yr 07/08	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Impact Fees	25000	\$100,000	\$25,000				\$150,000
							\$0
<b>Total Project Funding</b>	\$25,000	\$100,000	\$25,000	\$0	\$0	\$0	\$150,000

<b>Surplus/(Deficit)</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Sewer Impact Fees	<b>Budget:</b>	\$365,692
<b>Project:</b>	Debt Service on Plant Expansion		
<b>Department:</b>	Public Works- Wastewater Utility		
<b>Project Manager:</b>			

**Project Description:**  
 New; Annual debt service payments/obligations to AquaTexas under service agreement for operation and maintenance of city-owned wastewater treatment plant; costs for City's portion of plant expansion mandated to meet future service needs; proposed as eligible expense of Wastewater Capital Recovery Fees, utilizing advance funding/impact fees provided by developers; service increase for entire water system; will negatively impact costs and service without upgrade

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies						\$0
Land Acquisition/ROW						\$0
Design**	\$0					\$0
Construction	\$365,692	\$365,692	\$365,692	\$365,692	\$365,692	\$1,828,460
Contingency						\$0
<b>Total Project Cost</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$1,828,460</b>
<b>Funding Source(s)</b>	<b>Yr 08/09</b>	<b>Yr 09/10</b>	<b>Yr 10/11</b>	<b>Yr 11/12</b>	<b>Yr 12/13</b>	<b>Total</b>
Impact Fees *	\$365,692	\$365,692	\$365,692	\$365,692	\$365,692	\$1,828,460
						\$0
<b>Total Project Funding</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$365,692</b>	<b>\$1,828,460</b>

<b>Surplus/(Deficit)</b>	\$0	\$0	\$0	\$0	\$0	\$0
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\* after updating Impact Fee study

**Construction Budget**

\*\*Design includes Professional Design Services and Construction Administration

**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Sewer Impact Fees	<b>Budget:</b>	\$3,275,000
<b>Project:</b>	Main Line Interceptor at Bunton Creek Phase III		
<b>Department:</b>	Public Works- Wastewater Utility		
<b>Project Manager:</b>			

**Project Description:**  
 New; Upgrade of existing wastewater collection system through the extension of the Bunton Creek Interceptor No. 3 from Southlake subdivision to treatment plant; will expand and enhance city's overall wastewater service capacities; scheduled *Capital Improvement Program (CIP)* project utilizing advance funding/impact fees provided by developers; service increase for entire wastewater system; service will be negatively impacted without upgrade.

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies						\$0
Land Acquisition/ROW						\$0
Design**	\$225,000	\$50,000				\$275,000
Construction	\$0	\$2,500,000	\$500,000			\$3,000,000
Contingency						\$0
<b>Total Project Cost</b>	\$225,000	\$2,550,000	\$500,000	\$0	\$0	\$3,275,000
<b>Funding Source(s)</b>	Yr 09/10	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Impact Fees	\$225,000	\$2,550,000	\$500,000			\$3,275,000
						\$0
<b>Total Project Funding</b>	\$225,000	\$2,550,000	\$500,000	\$0	\$0	\$3,275,000

<b>Surplus/(Deficit)</b>	\$0	\$0	\$0	\$0	\$0	\$0
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**City of Kyle, Texas**  
**2009-10 Capital Improvement Program**

<b>Funding Source:</b>	Sewer Impact Fees	<b>Budget:</b>	\$150,000
<b>Project:</b>	Planning and Asset Valuation Project		
<b>Department:</b>	Public Works- Sewer Utility		
<b>Project Manager:</b>			

**Project Description:**  
 The asset valuation and control project started in 2007-08 and is expected to continue through 2008-09 with some residual detailed data gathering required in 2009-10.

**Project Purpose:**

**Comprehensive Plan Goal Met:**

**City Council Goal Met:**

	Yr 07/08	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Studies	\$25,000	\$100,000	\$25,000				\$150,000
Land Acquisition/ROW							\$0
Design		\$0					\$0
Construction		\$0					\$0
Contingency							\$0
<b>Total Project Cost</b>	\$25,000	\$100,000	\$25,000	\$0	\$0	\$0	\$150,000
<b>Funding Source(s)</b>	Yr 07/08	Yr 08/09	Yr 09/10	Yr 10/11	Yr 11/12	Yr 12/13	Total
Impact Fees	25000	\$100,000	\$25,000				\$150,000
							\$0
<b>Total Project Funding</b>	\$25,000	\$100,000	\$25,000	\$0	\$0	\$0	\$150,000

<b>Surplus/(Deficit)</b>	\$0	\$0	\$0	\$0	\$0	\$0	\$0
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# Five-Year Capital Investment Program 2009 to 2013

## PART IIC

### All Categories of Capital Expenses Fiananced by Short Term Debt Instrument

Proceeds from short term debt - Acquisitions from this financing may be capital lease, lease purchase agreements, loans or proceeds from sale of tax notes. The term of such agreements are from 5 to 7 years.

**Part IIC<sub>1</sub>**  
**Five Year Capital Improvement Program**  
**Funded from Short Term Debt**

Funding Source	FY 08-09	FY 09-10		FY 10-11		FY 11-12		FY 12-13		FY 13-14		Total Years
	Total Cost	#	Annual Debt Service	#	Annual Debt Service	#	Annual Debt Service	#	Annual Debt Service	#	Annual Debt Service	
<b>New Prog. /Projects</b>												
<u>General Government</u>												
<b>Park Department</b>												
Skid Steer Loader	44,000		6,844		6,844		6,844		6,844		6,844	34,219
Toro Ground Master Mower	87,000		13,532		13,532		13,532		13,532		13,532	67,660
Architect Fees Re Center	1,200,000		186,650		186,650		186,650		186,650		186,650	933,248
Admin Bldg. Park and Recreation	450,000		69,994		69,994		69,994		69,994		69,994	349,968
<b>Subtotal Parks</b>	<b>1,781,000</b>		<b>277,019</b>		<b>277,019</b>		<b>277,019</b>		<b>277,019</b>		<b>277,019</b>	<b>1,385,096</b>
<b>Police Department</b>												
RMS System	275,000		42,774		42,774		42,774		42,774		42,774	213,869
<b>Street Department</b>												
Paving Truck	61,280		9,532		9,532		9,532		9,532		9,532	47,658
Truck Chasis	59,850		9,309		9,309		9,309		9,309		9,309	46,546
Backhoe	43,000		6,688		6,688		6,688		6,688		6,688	33,441
<b>Subtotal Street</b>	<b>164,130</b>		<b>25,529</b>		<b>25,529</b>		<b>25,529</b>		<b>25,529</b>		<b>25,529</b>	<b>127,645</b>
<b>Facility Improvements</b>												
Renovation - Old City Hall	900,000		139,987		139,987		139,987		139,987		139,987	699,936
Purchase Library Land	350,000		54,439		54,439		54,439		54,439		54,439	272,197
<b>Subtotal Facilities</b>	<b>1,250,000</b>		<b>194,427</b>		<b>194,427</b>		<b>194,427</b>		<b>194,427</b>		<b>194,427</b>	<b>972,133</b>
<b>Software/Consultant Services</b>												
Bldg. permits, Planning, etc.	100,000		15,554		15,554		15,554		15,554		15,554	77,771
Comp. Plan Consultant Services	272,000		42,307		42,307		42,307		42,307		42,307	211,536
	372,000		57,861		57,861		57,861		57,861		57,861	289,307
<b>Gen Govt. (Prop Tax)Total</b>	<b>3,842,130</b>		<b>597,610</b>		<b>597,610</b>		<b>597,610</b>		<b>597,610</b>		<b>597,610</b>	<b>2,988,050</b>
<b>Eco Dev. Hotel/Motel Tax</b>												
Renovate Train Depot	250,000		39,824		39,824		39,824		39,824		39,824	199,121
<b>Subtotal Street</b>	<b>250,000</b>		<b>39,824</b>		<b>39,824</b>		<b>39,824</b>		<b>39,824</b>		<b>39,824</b>	<b>199,121</b>
<u>Utility Fund</u>												
<b>Water/Sewer Services</b>												
Backhoe	43,000		7,159		7,159		7,159		7,159		7,159	35,796
Front End Loader	136,663		22,753		22,753		22,753		22,753		22,753	113,766
Skid Steer Loader	44,000		7,326		7,326		7,326		7,326		7,326	36,628
Dump Trucks (2)	125,000		20,811		20,811		20,811		20,811		20,811	104,057
SCADA System	393,000		65,431		65,431		65,431		65,431		65,431	327,156
Bldg. permits, Planning, etc.	63,000		10,489		10,489		10,489		10,489		10,489	52,445
Flex-net Meter Reading	1,200,000		199,790		199,790		199,790		199,790		199,790	998,950
<b>Subtotal Utility</b>	<b>2,004,663</b>		<b>333,760</b>		<b>333,760</b>	#	<b>333,760</b>		<b>333,760</b>		<b>333,760</b>	<b>1,668,799</b>
<b>Total All Funds</b>	<b>6,096,793</b>		<b>971,194</b>		<b>971,194</b>		<b>971,194</b>		<b>971,194</b>		<b>971,194</b>	<b>4,855,970</b>

# Five Year Capital Outlay Program by Fund

## Part IIC1 - Capital Assets Acquired by Short Term Debtent,

### GENERAL FUND

#### Park And Recreation

**Skid Steer Loader** - (\$88,000) The Skid Steer Loader is a vehicle the City has not had before. With all its attachments it is a very versatile piece of equipment that can be used as an auger, back hoe, chipper, grader, fork lift, grappler, sod layer, stump grinder to name a few. This equipment would be especially useful in maintaining hike and bike trails which are frequently being added to the City's park trail system.

**Toro Ground Master** - (\$87,000) This equipment was alluded to earlier in the example of increased efficiency. With a 16' wide cutting swath it would outperform any mowing equipment currently being used by Park Maintenance. Current shredders 16' decks are adequate for highway and rough cutting of open spaces, but not recommended for ball fields and turf grass. With 7 current baseball fields, 4 current football fields and over 25 acres of quality turf grass, staff can maintain the grounds on a bi-weekly basis rather than once a month, greatly increasing efficiency, improving level of service and saving money.

This piece of equipment is equal to 2 additional full time staff members on 2 additional mowers

**Architect and Engineering Fees for Recreation Center** - (\$1,200,000) Inclusion of these costs are an effort to avoid having to draw down the City's reserve funds in advance of the GO election which is now scheduled to take place in May 2010. By paying for these services with Tax Note proceeds, reserve funds do not have to be used and if the GO Bond failed or needed to be postponed for a longer time into the future, the fall back position would be to simply pay the annual debt service for seven years.

#### **Administration Building for Parks and Recreation** - (\$450,000)

When the Recreation center is built, the Recreation staff will be moving to that facility. An interim approach would be to build a Park and Recreation Administration Building on the Park site at Plum Creek Preserve & Nature Trail on Lehman Rd. This would be the permanent home for the PARD Director, his immediate admin. staff consisting of an Admin. Assistant and several Interns. In addition the Facilities Manager could move to this location and remain there as long as Facility Maintenance remains under the Park and Recreation Department. It could also temporarily house the Recreation staff until the new Recreation Center was completed. Additionally, it could also provide space for the Park Superintendent, Field Foremen and crew leaders to plan work and prepare various reports, sites which are unavailable to them now. This would free up the upper northeast corner of City Hall which will be needed in the near future for expansion of the planning, GIS sections, etc.

#### Police Department

**Police Records Management System** - (\$275,000) The current RMS system was purchased many years ago at a cost of less than \$4,000. If the adage is true that you get what you pay for, that is about all one needs to know about the current system. It is basically a document preparation and storage system and that is about it. A considerable investment has been made in supplying each officer with proper computer equipment both in the office and in their cars. A new cutting edge Computer Aided Dispatch system has also been obtained but both of these advances lose a great deal of their functionality if they are not integrated with a state of the art, Records Management System. Research has been continuing for quite some time to select the most appropriate system for Kyle.

## Street Department

### FP5 Flameless Pothole Patcher (\$121,130)

The Bergkamp FP5 Pothole patching machine can provide a comprehensive solution to routine maintenance problems. It combines several pieces of equipment in one which minimizes mobilization time and allows for a smaller crew to perform a variety of maintenance activities on a programmed basis. Giving the crews proper equipment should increase their productivity and effectiveness.

## Facility Improvements

Renovation of Original City Hall – (\$900,000) This project has been evolving over the last several years with the City's original contribution being in the amount of \$250,000. Over time and with a great deal of input by the stakeholders, the scope of the project reached its final determination and after bidding out the construction reached a total price of \$900,000. While this project could wait for funding from a CO in the future, the Tax Note option offers immediacy and method of spreading the cost out over 7 years.

Purchase of Land for the Library – (\$350,000) At its meeting held on April 17<sup>th</sup>, 2009, the City Council approved a site being offered by the Sledge family as the preferred site of a new library for the City of Kyle. In doing so it directed staff to contract with a certified appraiser to appraise the land and begin negotiations with the Sledges to get the land under contract at a price not exceeding the appraised value. While it is feasible to use reserve funds to pay for this land in advance of the issuance of bonds to finance the construction of the Library, use of Tax Note proceeds to pay for the land once a price is negotiated, will give the City the flexibility to issue the construction bonds at a time most advantageous from a market standpoint without reducing the city's reserve funds for an indeterminate time until the bonds are sold.

## Software/Consultant Services

### Enterprise Land Management System –

City departments currently use a variety of non-integrated databases in Building/Inspection, Planning, Administration (Citizen complaint tracking) and Police. This makes it difficult to retrieve information on current projects, outstanding citizen requests and overall service delivery. Without an interconnected database system, our current infrastructure lends itself to redundant or inconsistent data storage and retrieval; and requires staff time to provide accurate and real-time information on critical issues such as code enforcement, inspections and public safety.

Comprehensive Plan Preparation – (\$272,000) At its meeting last month on April 21<sup>st</sup>, the City Council endorsed the proposal for services of the Mesa Design Group by authorizing the City Manager to negotiate a contract for those services. The negotiated price to obtain the full services and participation of the consultant in this process was beyond the amount originally placed in the budget for the current fiscal year. Funding this project over seven years however would cost less than \$28,000 per year.

## Economic Development/Hotel Tax

Renovation of Train Depot – (\$250,000) The train depot currently houses the City of Kyle Chamber of Commerce and Tourism Bureau. It is in desperate need of repair in several areas and rather than try and fund the \$50,000 or so dollars needed to just repair the roof, it is considered reasonable to go ahead with a more substantial upgrade with the intent to make it more attractive as a tourist attraction and at the same time, improve its functionality.

## Utility Fund

**Backhoe-** (\$86,000) The City currently has four backhoes one of which is a 1984 model that is need of replacement. The other three models are a 1997, 2003 and 2006. The 2006 is the only model with pilot control, the other three are either 2 or 3 stick control which makes them much more difficult to learn to operate and much less precise. The current models are smaller and less efficient with limited range in depth. The 2009 310SJ recommended to be purchased with an extension will allow our own crews to reach water and sewer pipes for repairs that are sometimes unreachable with existing equipment.

**Front End Loader** – (\$136,633) The City does not now have or ever had a true front end loader. Any moving of earth or loading of materials has been done with smaller tractors with a loader attachment. This limits the amount of materials that can be moved or loaded whether its gravel or asphalt at the PW yard or spoils being removed where pipes are being laid. Acquisition of a front end loader in conjunction with the two dump trucks that are also recommended will significantly improve the crew's productivity in moving and loading all types of construction materials. It would also be of considerable value in emergency situations where a premium is placed on time saving

**Dump Trucks (2)** – (\$125,000) The City's fleet counts on just one 2000 model dump truck for hauling dirt and materials to and from work sites. It is 9 years old and while still in serviceable condition, is insufficient by itself to keep up with the normal, routine workload of today. With more emphasis being planned in the future on removing and replacing inadequate sections of both water and sewer pipes in several of the older sections of town, one dump truck is simply not enough.

**SCADA System** – (\$393,000) The City's current Supervisory Control and Data Acquisition System(SCADA) was purchased and installed in 2002. \$43,091.00. Additions were made in 2008 at a cost of \$15,932.64. It cost \$43,091.00. Additions were made in 2008 at a cost of \$15,932.64 and when first used it monitored and controlled 4 elevated storage tanks and 3 ground storage tanks in one pressure plane. The system was capable of delivering at that time, 3 MGD (million gallons per day) of water from 2 sources. Since then, we have added 2 elevated storage tank, 3 ground storage tanks, with 2 ground storage tanks presently under construction and 1 elevated storage tank on the way. Also 1 new well is currently under construction. Two additional water sources have also been added. The system is now capable of delivering 7.3 MGD. Average consumption in 2004 was 1.6 MGD, 567,485,112 gallons per year. Average consumption in 2008 was 2.4 MGD, 883,792,128 gallons per year with a peek demand exceeding 5 MGD. TCEQ (State Regulations) require a water system to be able to produce an amount of water substantially larger than its consumption.

The city also does not have the water resources to be able to pump the total amount of water the system can produce. Water restrictions, permitted allocations, and water contracts determine the cities production. The SCADA systems inadequacies also hampers our capabilities.

**Flex-net Metering System** – (\$1,200,000). This system is the next step in automating the meter reading system and represents a considerable advancement over the drive-by system currently in use. The original system purchased in 2003 with bond funds requires a meter reader to drive the reading route each month while a computer collects signals transmitted from each meter. The readings are then downloaded to the billing software for preparation of the monthly bills. While this was advancement over the system of manually reading each meter, the current system still has some flaws that require a process of about two days work for meter readers to complete their monthly tasks.

The proposed system is a real time constant data collecting system that does not depend on meter readers to operate. It utilizes the same meters and only requires a switch in the transmitters for each meter. The transmitters are 2 watts of 900 MHz licensed power output. Data is collected continuously by a base stations located on two water towers. Once a month the Utility Billing Supervisor simply downloads the monthly readings for pre-determined time periods into the billing software and produces the bill. By having a continuous read, the Clerks are able to call up readings by the hour or minute for a particular meter when there are any disputes about consumption or mis-reads. The system also can be set to generate automatic alarms when consumption patterns vary from normal use. This is particularly effective in identifying leaks before too much water is wasted.

# Five-Year Capital Investment Program 2009 to 2013

## PART II D

### Long Term Debt

Proceeds from sale of long term debt - Income derived from sale of debt instruments such as Certificate of Obligations, Tax Notes, General Obligation Bonds , long term loans, etc.

**Part IID**  
**Five Year Capital Improvement Program**  
**Total Investments in Projects Funded from Long Term Debt**

Funding Source Projects	FY 09-10	FY 10-11	FY 11-12	FY 12-13	FY 13-14	Total Funds
	Projected	Projected	Projected	Projected	Projected	
<b>CO 2007</b>						
TxDOT FM 150/Bridge	750,000	-	-	-	-	750,000
<b>Total CO 2007 series</b>	<b>750,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>750,000</b>
<b>CO 2008</b>						
<u>Roads and Drains</u>						
Traffic Signals	-	500,000	-	-	-	500,000
Roads/drains Ind Park	-	1,000,000	-	-	-	1,000,000
SIB II Supplement (\$3M)	2,250,000	-	-	-	-	2,250,000
<b>Subtotal Roads and Drains</b>	<b>2,250,000</b>	<b>1,500,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,750,000</b>
<u>Public Buildings:</u>						
Purchase Bank + Improvements	-	250,000	-	-	-	250,000
Build Public Works Bldg.	2,000,000	-	-	-	-	3,350,000
<b>Subtotal Public Buildings</b>	<b>2,000,000</b>	<b>250,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>3,600,000</b>
<u>Utility Improvements:</u>						
Waterline Extension-Industrial Park	-	1,500,000	-	-	-	1,500,000
Sewer Line Rehab Phase I ( I&I)	600,000	-	-	-	-	600,000
Sewer Line Rehab Phase II ( I&I)	-	312,100	-	-	-	312,100
Sewer Line Rehab Phase III ( I&I)	-	-	329,000	-	-	329,000
Sewer Line Extension-Industrial Park	-	1,500,000	-	-	-	1,500,000
<b>Subtotal Utility Improvements</b>	<b>600,000</b>	<b>3,312,100</b>	<b>329,000</b>	<b>-</b>	<b>-</b>	<b>4,241,100</b>
<b>CO 2008 Total</b>	<b>4,850,000</b>	<b>5,062,100</b>	<b>329,000</b>	<b>-</b>	<b>-</b>	<b>11,591,100</b>
<b>SIB Loan II:</b>						
Bridge Improvements (SIB Loan #2)	11,000,000	-	-	-	-	11,000,000
<b>SIB Loan II Total</b>	<b>11,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11,000,000</b>
<b>CO 2009 or 10</b>						
New Library	3,200,000	-	-	-	-	3,200,000
New Police Station	-	5,000,000	-	-	-	5,000,000
<b>CO 2010 Total</b>	<b>3,200,000</b>	<b>5,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>5,000,000</b>
<b>GO 2009 (Election)</b>						
Recreation Center	-	20,000,000	-	-	-	20,000,000
<b>GO 2010 Total</b>	<b>-</b>	<b>20,000,000</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>20,000,000</b>
<b>Total All Funds</b>	<b>19,800,000</b>	<b>30,062,100</b>	<b>329,000</b>	<b>-</b>	<b>-</b>	<b>48,341,100</b>