

# Five-Year Capital Investment Program 2011-15

## 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 10-11	FY 10-11	FY 11-12	FY 12-13	FY 13-14	FY 14-15	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>Street Department</b>							
1 3/4 Ton Crew Truck	30,000	6,696	6,696	6,696	6,696	6,696	33,480
2 Gradall	253,000	56,467	56,467	56,467	56,467	56,467	282,335
<b>Subtotal Street</b>	283,000	63,163	63,163	63,163	63,163	63,163	315,815
<b>Police Department</b>							
3 RMS System - FUNDED	450,000	79,125	79,587	79,665	80,143	80,821	399,341
<b>Subtotal Police</b>	450,000	79,125	79,587	79,665	80,143	80,821	399,341
<b>Gen Govt. (Prop Tax)Total</b>	733,000	142,288	142,750	142,828	143,306	143,984	715,156
<b>Eco Dev. Hotel/Motel Tax</b>							
4 Train Depot - FUNDED	215,000	39,327	39,556	39,595	39,832	40,169	198,480
<b>Subtotal Hotel Tax</b>	215,000	39,327	39,556	39,595	39,832	40,169	198,480
<u>Utility Fund</u>							
<b>Water/Sewer Services</b>							
5 Flexnet - FUNDED	750,000	136,857	137,655	137,791	138,616	139,789	690,709
6 SCADA System - FUNDED	393,000	61,822	62,182	62,244	62,616	63,146	312,010
7 Skid Steer Loader	90,000	20,087	20,087	20,087	20,087	20,087	100,435
<b>Subtotal Utility</b>	1,233,000	218,766	219,924	# 220,122	221,320	223,023	1,103,154
<b>Total All Funds</b>	2,181,000	400,381	402,230	402,545	404,458	407,176	2,016,790

# Five Year Capital Outlay Program by Fund

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

### GENERAL FUND

#### Police Department

**Police Records Management System** – (\$450,000) 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

*3/4 Ton Truck* (1) \$ 30,000

This vehicle will replace a small 1999 Ford Ranger with over 100,000 miles. Currently, the Street Department only has 2 vehicles. The size of this truck does not allow for the duties required of this department. A full size vehicle will enable the crews to haul a larger payload in the bed compartment, as well as the capability to tow various pieces of equipment.

*Gradall* (1) \$ 253,000

This equipment is primarily used in the cleaning/clearing of creeks and storm drainages. This equipment allows for the safe removal of limbs or debris which can block storm drains and cause water to fill up and flow across the road. This in turn, helps to increase the safety of motorists.

#### Economic Development/Hotel Tax

**Renovation of Train Depot** – (\$215,000) 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

**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 peak 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** – (\$750,000). 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.

## Water/ Wastewater Services

*Skid Steer w/attachment(1)* \$ 90,000

Versatile piece of equipment with numerous operational capabilities. We would like to utilize the available attachments involved with this piece of equipment as well, such as the dirt bucket, rock bucket, forks, and auger.