FY2010-2011

Approved Capital Improvement Plan

City of Kingsport, Tennessee

V. O. Dobbins Community Center
Kingsport, Tennessee

Prepared by the City Manager's Office

Kingsport
TENNESSEE

CITY OF KINGSPORT, TENNESSEE

FY 2010-11

APPROVED CAPITAL IMPROVEMENT PLAN

Prepared by

The City Manager's Office

July 2010

GOVERNMENT FINANCE OFFICERS ASSOCIATION

Distinguished Budget Presentation Award

PRESENTED TO

City of Kingsport

Tennessee

For the Fiscal Year Beginning

July 1, 2009

President

Executive Director

The Government Finance Officers Association of the United States and Canada (GFOA) presented an award for Distinguished Budget Presentation to the City of Kingsport for its annual FY 2010-2011 budget. The City received this award December 14, 2010.

In order to receive this award, a government unit must publish a budget document that meets program criteria as a policy document, as an operating guide, as a financial plan, and as a communication 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.

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Mayor

Valerie Joh, Alderman

Benjamin K. Mallicote, Vice Mayor

C. Ken Marsh Jr., Alderman

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Jantry Shupe, Alderman

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City Manager

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Ryan McReynolds, Public Works

Gale Osborne, Police Chief

Jeffery Fleming, Assistant City Manager/Econ. Dev.

James H. Demming, Chief Financial Officer/Treas.

Craig Dye, Fire Chief

Tim Whaley, Community Relations Officer

Management Team

Chip Adkins, Deputy Fire Chief
Bill Albright, Transportation Manager
Chad Austin, Water Distribution Manager
David Austin, Facilities Manager
Steve Bedford, Deputy Fire Chief
Scott Boyd, Deputy Fire Chief
Shirley Buchanan, Senior Center Manager
Morris Baker, Grants Specialist
Hank Clabaugh, City Engineer
Sandy Crawford, Procurement Manager
Barbara Duncan, Human Resources Manager
Niki Ensor, Waste Water Facilities Manager
Terri Evans, Risk Manager
Kitty Frazier, Parks, & Recreation Manager
Mike Freeman, Building Inspector
Ronnie K. Hammonds, Streets & Sanitation Mgr

Eleanor Hickman, Billing & Collections Supv.
Steve Hightower, Fleet Manager
Franklin Cross, Dev. Services Manager
Ron Nunley, Deputy Fire Chief
Dale Phipps, Deputy Chief of Police, Operations
David Quillin, Deputy Chief of Police, Admin.
Robert Sluss, Fire Marshall
Kathy Carver, Senior Accountant
Judy Smith, Budget Officer
Michael Thompson, Traffic Manager
Alan Webb, Planning Manager
Terry Wexler, Information Service Manager
Jake White, GIS Manager
Helen Whitaker, Library Manager
Lisa Winkle, Comptroller
Sidney Cox, Senior Accountant

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SEWER CAPITAL IMPROVEMENTS

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The Board established a goal of developing an approved multi-year capital improvements plan (CIP) for the City during its 2000 Annual Retreat. In FY01 a plan was approved by the Board and City Administration that would provide for the incremental approval of a comprehensive plan over a three fiscal year period of time. Therefore, the Water Fund, Sewer Fund and General Fund capital plans were approved in FY02, FY03 and FY04; respectively. Until the approval of the final increment in FY04, the City had not operated with a comprehensive five-year capital improvements plan since the late 1980s.

The City's water and wastewater rate is derived on a "cash-needs" basis with rates set each year based upon a 12 month forecast for the cash requirements of existing debt, planned capital project needs and anticipated operational costs on a year-by-year basis. The water and wastewater rate has historically been subject to cyclic fluctuations that may require large increases one year with no increases in the following year.

In an effort to improve the predictability and stability of the water and wastewater rates, a *Ten year Water and Wastewater Rate Stabilization Plan* was adopted for capital projects. The Ten Year Plan shifted the funding philosophy of capital projects from a year-by-year basis to a five-to-ten year basis and thereby established a more graduated approach to capital project scheduling and financing that effectively eliminated the disproportionate impact that large capital projects can have on annual rates.

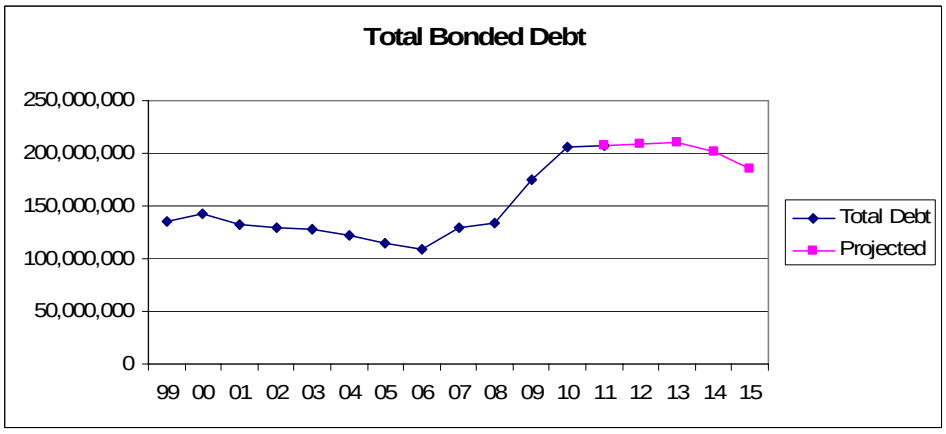
The Ten year Stabilization Plan employs a combination of rate increases, emerging debt service roll off and restrictive bond finance practices (with all new debt service paid directly through the same year rate increases) to generate the cash flow necessary to ensure adequate re-investment in the aging infrastructure and to responsibly grow the system to meet current and future needs.

The water and sewer rate plans are now in their fourth and third years; respectively, and are producing good results in meeting the capital needs of the community.

The General Fund CIP was initially approved in FY04.

The recommended bond issues for the five year capital plan is as follows: $1,850,000 in FY11, $16,098,500 in FY12, $17,382,500 in FY13, $6,900,000 in FY14 and $14,750,000 in FY15.

The total debt would peak at approximately $210,000,000 and by FY15 be below $200,000,000.



MAJOR CAPITAL IMPROVEMENTS

The late 1980s was the last time the City had a unified multi-year capital improvements plan. This was seen as a critical deficiency and incremental steps have been made to develop such a plan by this Board and Administration. The Water Fund and Sewer Fund Capital Improvements Plans were approved in FY02 and FY03; respectively. The General Fund Capital Improvements Plan was approved in FY04.

Last year the City used the BABS bond issue to provide funding for FY10 and FY11 scheduled projects. The projects remaining are funded with General Fund, Water and Sewer fund revenue. A summary of the planned major capital improvements for FY11 is provided below. The reader is directed to the water, sewer and general fund capital improvement plans found in the Capital Improvements budget book.

CIP Projects For FY2010-2011

General Fund Projects:	Funding Source	Project Amount
Street Resurfacing	General Fund	600,000
	Total General Fund CIP	$600,000
Other Projects:		
Meadowview Improvements Project	Regional Sales Tax Funds	850,000
Hunter Wright Stadium	VEP Funds	35,000
	Total Other Funds	$885,000
Sewer Fund Projects		
Reedy Creek Basin & Upgrade	Sewer Funds	$1,000,000
Facilities Building Improvements	Sewer Funds	50,000
	Total Wastewater Fund CIP	$1,050,000
Water Fund Projects:		
Facilities Improvements	Water Funds	$150,000
Water System Replacement Program	New Bonds	1,500,000
Storage Tank Rehabilitation Program	Water Funds	133,200
Gibson Mill Rd Water Line Upgrade	New Bonds	350,000
Filter 11 & 12 Rehab	Water Funds	175,000
	Total Water Fund CIP	$2,308,200

City of Kingsport, Tennessee

Capital Improvement Plan

FY '11 thru **FY '15**

PROJECTS BY FUNDING SOURCE

Source	Project#	Priority	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Bonds								
K-Play Phase II & III	*GP0911*	3		250,000	250,000	200,000	200,000	*900,000*
Storm Water Management	*GP0912*	2		300,000	400,000			*700,000*
Riverwalk	*GP0913*	2		400,000	400,000			*800,000*
Library Improvements	*GP0914*	3			3,500,000	5,000,000		*8,500,000*
Justice Center	*GP0915*	2			1,990,000	1,500,000		*3,490,000*
Economic Development Land	*GP1016*	2		100,000	200,000	200,000	200,000	*700,000*
Skatepark Phase II & II	*GP1202*	3		313,500	142,500			*456,000*
Engineering Building Roof	*GP1203*	2		85,000				*85,000*
Fort Robinson Drive Bridge	*GP1500*	2					1,150,000	*1,150,000*
Bonds Total				1,448,500	6,882,500	6,900,000	1,550,000	*16,781,000*
General Fund								
Lodal Replacement	*DL1002*	3		240,000				*240,000*
Recycling Boxes	*DL1200*	n/a		27,000	27,000	27,000		*81,000*
Roll Off Boxes	*DL1201*	n/a		30,000	30,000			*60,000*
Dilapidated Structures	*GP1000*	n/a		25,000				*25,000*
Bays Mountain Park Improvements	*GP1005*	3		40,000	40,000	40,000	40,000	*160,000*
Facilities Maintenance	*GP1006*	3		70,000	70,000	80,000	80,000	*300,000*
Bays Mountain Ropes and Climbing Course	*GP1026*	2		25,000				*25,000*
V.O. Dobbins Park Improvements	*GP1031*	3		100,000	100,000			*200,000*
Minor Road Improvements	*GP1204*	2		50,000	50,000	50,000	50,000	*200,000*
Minor Drainage	*GP1205*	2		50,000	50,000	50,000	50,000	*200,000*
J. Fred Johnson Park	*GP1206*	3		200,000	300,000	200,000		*700,000*
General Park Improvements	*GP1207*	3		200,000	150,000	150,000		*500,000*
Allandale Amphitheater	*GP1208*	4		100,000				*100,000*
Alandale Improvements	*GP1209*	3		50,000	100,000			*150,000*
Police In-Car Video Recorders	*GP1210*	3		70,000	70,000	70,000		*210,000*
Rack Mounted Server/Vmware Upgrade	*GP1211*	3		50,000	50,000			*100,000*
Salt Machine Replacements	*GP1212*	2		22,500				*22,500*
Anti-Icing Pre Wetting Units	*GP1213*	2		30,000				*30,000*
Vehicle #421 Dump Truck Replacement	*GP1214*	2		110,000				*110,000*
Small Sweeper	*GP1215*	3		50,000				*50,000*
Leaf Truck Replacement	*GP1216*	3		40,000	40,000			*80,000*
Emergency Generators	*GP1300*	4			70,000			*70,000*
Storage Building-Transportation	*GP1301*	3			20,000			*20,000*
Street Resurfacing	*NC1001*	2	600,000	700,000	750,000	800,000	850,000	*3,700,000*
Carpet Replacement	*NC1200*	n/a		40,000	40,000	20,000	20,000	*120,000*
Park Maintenance	*NC1201*	3		75,000	75,000	75,000		*225,000*
Parking Lot Paving	*NC1202*	4		50,000	50,000	50,000	50,000	*200,000*
Repaving Main Access Road-Bays Mountain	*NC1203*	2		30,000	100,000			*130,000*
Police Emergency Blue Lights	*NC1204*	2		45,500	45,500	49,000		*140,000*
Police Dash Mounted Radar Units	*NC1205*	3		30,000	30,000	30,000		*90,000*

Source	Project#	Priority	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund Total			600,000	2,550,000	2,257,500	1,691,000	1,140,000	*8,238,500*
Grant Funds								
Bays Mountain Park Land Acquisition	*GP1201*	3	25,000	25,000	25,000	25,000	25,000	*125,000*
Grant Funds Total			25,000	25,000	25,000	25,000	25,000	*125,000*
Other Funding Sources								
Sidewalk Improvements	*GP1002*	2		150,000	150,000	150,000	150,000	*600,000*
Greenbelt Improvements	*GP1013*	3		200,000	200,000	200,000		*600,000*
V.O. Dobbins Roof Replacement	*GP1200*	n/a		174,500	111,500			*286,000*
Other Funding Sources Total				524,500	461,500	350,000	150,000	*1,486,000*
Sewer Bonds								
Rock Springs Sewer Expansion Phase II	*SW1200*	n/a		6,200,000				*6,200,000*
EQ Storage	*SW1201*	n/a		3,500,000			3,500,000	*7,000,000*
Sewer Bonds Total				9,700,000			3,500,000	*13,200,000*
Sewer Fund								
Lift Station Improvements Phase VI	*SW0701*	3			100,000			*100,000*
Misc SL Annexations	*SW0804*	2			500,000		500,000	*1,000,000*
Inflow & Infiltration Sewer Upgrades	*SW0904*	2					2,500,000	*2,500,000*
Water & Sewer Training Facility	*SW1005*	4				25,000		*25,000*
Facilities Building Improvements	*SW1006*	3	50,000					*50,000*
Reedy Creek Basin Basins & Upgrades	*SW1100*	n/a	1,000,000					*1,000,000*
Lift Station Generator Project	*SW1300*	3			200,000			*200,000*
Sewer Fund Total			1,050,000		800,000	25,000	3,000,000	*4,875,000*
Sewer SRF Loan								
Inflow & Infiltration Sewer Upgrades	*SW0904*	2		1,500,000				*1,500,000*
Gibson Mill Road Sewerline Upgrade	*SW1003*	3		450,000				*450,000*
Lovedale Pump Station	*SW1301*	n/a			7,500,000			*7,500,000*
Sewer SRF Loan Total				1,950,000	7,500,000			*9,450,000*
Visitor Enhancement Funds								
Bays Mountain Ropes and Climbing Course	*GP1026*	2		30,000				*30,000*
Allandale Amphitheater	*GP1208*	4	33,000					*33,000*
Hunter Wright Stadium	*NC1101*	n/a	35,000					*35,000*
Visitor Enhancement Funds Total			68,000	30,000				*98,000*
Water Bonds								
Galvanized Replacement Program	*WA0904*	2	1,500,000					*1,500,000*
Gibson Mill Road Waterline Upgrade	*WA1004*	3	350,000					*350,000*
WTP Plant Improvements	*WA1200*	n/a		3,000,000	3,000,000			*6,000,000*

Source	Project#	Priority	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Water Bonds Total			1,850,000	3,000,000	3,000,000			*7,850,000*
Water Fund								
Water & Sewer Training Facility	*SW1005*	4				25,000		*25,000*
Water Storage Tanks Rehab	*WA0704*	2	133,200	50,000	50,000	50,000	50,000	*333,200*
Misc. Water Annexations & Extensions	*WA0902*	3			500,000	500,000	500,000	*1,500,000*
Galvanized Replacement Program	*WA0904*	2		1,500,000	1,500,000	1,500,000	1,500,000	*6,000,000*
Facilities Improvements	*WA1001*	3	150,000					*150,000*
Filter 11 & 12 Rehab	*WA1003*	2	175,000					*175,000*
Pump Station Generator Project	*WA1401*	3				500,000	500,000	*1,000,000*
Water Fund Total			458,200	1,550,000	2,050,000	2,575,000	2,550,000	*9,183,200*
GRAND TOTAL			4,051,200	20,778,000	22,976,500	11,566,000	11,915,000	*71,286,700*

City of Kingsport, Tennessee

Capital Improvement Plan

FY '11 thru FY '15

BUDGET ITEM SUMMARY

Budget Item	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Depreciation	68,600	68,600	68,600	68,600		*274,400*
Fuel	24,500	33,000	34,500	34,500		*126,500*
Interest	61,500	82,000				*143,500*
Maintenance Supplies	21,300	25,800	25,800	38,300		*111,200*
Other (Insurance, Utilities)	52,150	121,150	145,150	190,150		*508,600*
Principal		61,500				*61,500*
Repairs/Maintenance	63,000	27,500	33,000	28,500		*152,000*
Staff Cost	-18,400	-18,400	-18,400	681,600		*626,400*
TOTAL	**272,650**	**401,150**	**288,650**	**1,041,650**		***2,004,100***

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Development Services
Contact Building & Codes Manager

Project # GP1000
Project Name Dilapidated Structures

Type Unassigned
Useful Life
Category Building & Codes
Priority n/a

Total Project Cost: $75,000

Description

To set aside funds for dilapidated Structures.

Justification

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Construction/Maintenance		25,000				25,000
Total	Total		25,000				25,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	General Fund		25,000				25,000
Total	Total		25,000				25,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Economic Development
Contact Asst City Manager -Dev Serv

Project # GP1016
Project Name Economic Development Land

Type Improvement
Useful Life
Category Land
Priority 2 Very Important

Total Project Cost: $1,700,000

Description

Temporary Placeholder

Justification

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,000,000	Land Acquisition		100,000	200,000	200,000	200,000	700,000
Total	Total		100,000	200,000	200,000	200,000	700,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,000,000	Bonds		100,000	200,000	200,000	200,000	700,000
Total	Total		100,000	200,000	200,000	200,000	700,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Facilities Maintenance
Contact Building Maintenance Manage

Project # GP1006
Project Name Facilities Maintenance

Type Improvement
Useful Life 15 Years
Category Buildings
Priority 3 Important

Total Project Cost: $400,000

Description

Pro-active replacement of City Equipment throughout all City Buildings

Justification

HVAC equipment wears out. The majority of our HVAC units are 12 to 20 years old.

The elevator in the in the Public Library is 78 years old.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Construction/Maintenance		70,000	70,000	80,000	80,000	300,000
Total	Total		70,000	70,000	80,000	80,000	300,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	General Fund		70,000	70,000	80,000	80,000	300,000
Total	Total		70,000	70,000	80,000	80,000	300,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Facilities Maintenance
Contact Building Maintenance Manage

Project # GP1200
Project Name V.O. Dobbins Roof Replacement

Type Improvement
Useful Life 20 Years
Category Buildings
Priority n/a

Total Project Cost: **$286,000**

Description

FY10 Phase One-Replace roof on east side of building containing the gym, classrooms, and cafeteria. Approximately 18,365 sq.ft.

FY11 Phase Two-Replace roof over front offices and classrooms. Approximately 11,713 sq.ft.

Justification

Rubber roof membrane has deteriorated and has shrunken to the point it is pulling away from the parapet walls. We continue to have numberous leak problems. To be replaced with thermal plastic fully adhered roofing.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		174,500	111,500			286,000
Total		174,500	111,500			286,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Other Funding Sources		174,500	111,500			286,000
Total		174,500	111,500			286,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Facilities Maintenance
Contact Building Maintenance Manage

Project # GP1203
Project Name Engineering Building Roof

Type Improvement
Useful Life 20 Years
Category Buildings
Priority 2 Very Important

Total Project Cost: $85,000

Description

Replacement of the existing tar and gravel roof.

Justification

Tar and gravel roof has exceeded its life expectancy and has started to leak.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		85,000				85,000
Total		85,000				85,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Bonds		85,000				85,000
Total		85,000				85,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Facilities Maintenance
Contact Building Maintenance Manage
Type Maintenance
Useful Life
Category Buildings
Priority n/a

Project # NC1200
Project Name Carpet Replacement

Total Project Cost: $130,000

Description

Replace carpet through out city facilities.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total	Future
Construction/Maintenance		40,000	40,000	20,000	20,000	120,000	10,000
Total		40,000	40,000	20,000	20,000	120,000	Total

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total	Future
General Fund		40,000	40,000	20,000	20,000	120,000	10,000
Total		40,000	40,000	20,000	20,000	120,000	Total

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Information Services
Contact Information Services Manager

Project # GP1211
Project Name Rack Mounted Server/Vmware Upgrade

Type Equipment
Useful Life 10 Years
Category Equipment
Priority 3 Important

Total Project Cost: $100,000

Description

Upgrade and move 26 tower servers to 5 rack mounted virtual servers with disk array.

Justification

This system improvement will enhance use of shared file structures significantly by using current Virtual Server Technology. Additional servers may be added to the system without actual hardware purchase. Also, in the event a server goes down, it can be moved to another virtual system and continue running. Much greater system integrity will be realized as well as more efficient and effective use of the systems.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		50,000	50,000			100,000
Total		50,000	50,000			100,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		50,000	50,000			100,000
Total		50,000	50,000			100,000

Budget Impact/Other

Increased stability of server system and reduced backup of data structures. Time savings.

Prior

100,000

Total

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Parks & Recreation Manager
Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Project # GP0911
Project Name K-Play Phase II & III

Total Project Cost: $1,000,000

Description

Complete the master plan design for Eastman and Domtar parks by providing additional improvements to the K-Play facilities such as adding picnic pavilions, remote restrooms, walking trails, additional spectator seating, security systems, sports fields improvments and spectator shelters.

Justification

Improve and expand services in athletics.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Planning/Design		20,000	20,000			40,000
Total	Construction/Maintenance		228,200	228,200	200,000	203,600	860,000
	Total		248,200	248,200	200,000	203,600	900,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Bonds		250,000	250,000	200,000	200,000	900,000
Total	Total		250,000	250,000	200,000	200,000	900,000

Budget Impact/Other

Maintenance and operations.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
15,000	Maintenance Supplies	5,000	8,000	8,000			21,000
Total	Repairs/Maintenance	20,000	15,000	20,000			55,000
	Total	25,000	23,000	28,000			76,000

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Leisure Services Director

Project # GP0913
Project Name Riverwalk

Type Improvement
Useful Life
Category Riverwalk
Priority 2 Very Important

Total Project Cost: $1,700,000

Description

Funding for this porject will focus on contined efforts to purchase/consolidate key properties within the district. It will also go towards engineering and design studies/implementation of select infrastructure improvements within the district (ie. Road improvements, streetscape enhancements, park amenities, and the continued improvement of the Greenbelt).

Justification

Following the guidelines set forth in the recently completed master plan for the Kingsport Riverfront District, the City of Kingsport continues to work towards bringing this project to fruition.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
900,000	Construction/Maintenance		400,000	400,000			800,000
Total	Total		400,000	400,000			800,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
900,000	Bonds		400,000	400,000			800,000
Total	Total		400,000	400,000			800,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Library Manager

Project # GP0914
Project Name Library Improvements

Type Improvement
Useful Life 30 Years
Category Buildings
Priority 3 Important

Total Project Cost: **$8,600,000**

Description

Planning and design began in FY09. Construction will begin in FY13 and be complete in FY14. Renovations/expansion will include green design elements.

Justification

As per a space needs assessment report completed by library consultant, Anders Dahlgren, the library needs 18,000 additional square feet to carry it into the next twenty years.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Improvements			3,500,000	5,000,000		8,500,000
Total	Total			3,500,000	5,000,000		8,500,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Bonds			3,500,000	5,000,000		8,500,000
Total	Total			3,500,000	5,000,000		8,500,000

Budget Impact/Other

Hiring of additional staff; 14.1 FTE. Increased utility costs, office supplies and library programs costs.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies				20,000		20,000
Other (Insurance, Utilities)				45,000		45,000
Staff Cost				700,000		700,000
Total				765,000		765,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Leisure Services Director
Type Improvement
Useful Life
Category Bays Mountain Park
Priority 3 Important

Project # GP1005
Project Name Bays Mountain Park Improvements

Total Project Cost: $200,000

Description

Restrooms will be remodeled. Two will be made ADA compliant. Continued funding will allow for facilities upgrades.

Justification

To provide a well planned and aesthetically designed well maintained park facility that offers a wide variety of cultural and recreational opportunities.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance	40,000	40,000	40,000	40,000	40,000	200,000
Total	40,000	40,000	40,000	40,000	40,000	200,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
40,000	General Fund		40,000	40,000	40,000	40,000	160,000
Total	Total		40,000	40,000	40,000	40,000	160,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Parks & Recreation Manager
Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Project # GP1013
Project Name Greenbelt Improvements

Total Project Cost: $660,000

Description

Expansion of Greenbelt (property acquisition, design, construction).

Justification

To allow additional greenway connections in the Kingsport community.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
60,000	Construction/Maintenance		197,000	200,000	197,000		594,000
Total	Public Art		3,000		3,000		6,000
	Total		200,000	200,000	200,000		600,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
60,000	Other Funding Sources		200,000	200,000	200,000		600,000
Total	Total		200,000	200,000	200,000		600,000

Budget Impact/Other

Maintenance and operations costs.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies	10,000	10,000	10,000	10,000		40,000
Repairs/Maintenance	30,000	30,000	30,000	30,000		120,000
Total	40,000	40,000	40,000	40,000		160,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Leisure Services Director

Project # GP1026
Project Name Bays Mountain Ropes and Climbing Course

Type Improvement
Useful Life 20 Years
Category Park Improvements
Priority 2 Very Important

Total Project Cost: $80,000

Description

Low Ropes Course: A series of on the ground team building components.
An Alpine Tower: Includes more challenging vertically oriented team building ropes course components.
Wall: A climbing facility on which to teach , practice, and train for rock climbing, mountaineering, wilderness rescue, physical conditioning, etc.

Justification

This facility would provide a highly focused team building venue for participants from all walks of life, i.e. private corporate teams, police, fire fighters, scouts, rescue squads, students, day campers, etc. Our community is putting more and more emphisis on wellness. The exercises aforded by this facility can be tailored to the participant or participant group. Participants representing all levels of conditioning can be properly challenged.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
25,000	Construction/Maintenance		25,000				25,000
Total	Purchases Over $5,000		30,000				30,000
	Total		55,000				55,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
25,000	General Fund		25,000				25,000
Total	Visitor Enhancement Funds		30,000				30,000
	Total		55,000				55,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Parks & Recreation Manager

Project # GP1031
Project Name V.O. Dobbins Park Improvements

Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Total Project Cost: $200,000

Description

Renovation of the outdoor spaces and park features at the V.O. Dobbins campus.

Justification

Meet community needs in the Riverview neighborhood. Complement renovated indoor facilities at V.O. Dobbins community.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		100,000	100,000			200,000
Total		100,000	100,000			200,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		100,000	100,000			200,000
Total		100,000	100,000			200,000

Budget Impact/Other

Maintenance and Operations costs.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
3,500	Maintenance Supplies	1,500	1,500	1,500	1,500		6,000
Total	Other (Insurance, Utilities)	5,000	5,000	5,000	5,000		20,000
	Total	6,500	6,500	6,500	6,500		26,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Leisure Services Director

Project # GP1201
Project Name Bays Mountain Park Land Acquisition

Type Improvement
Useful Life 25 years
Category Bays Mountain Park
Priority 3 Important

Total Project Cost: $175,000

Description

The Bays Mountain Park Commission and Staff recommend the preservation of the areas through donation, acquisition, conservation easement acquisition and appropriate zoning.

Justification

To provide a well planned and aesthetically designed community that offers a wide variety of cultural and recreational opportunities and encourages citizen involvement in community affairs.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Land Acquisition	25,000	25,000	25,000	25,000	25,000	125,000
Total	Total	25,000	25,000	25,000	25,000	25,000	125,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Grant Funds	25,000	25,000	25,000	25,000	25,000	125,000
Total	Total	25,000	25,000	25,000	25,000	25,000	125,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Parks & Recreation Manager
Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Project # GP1202
Project Name Skatepark Phase II & II

Total Project Cost: $208,500

Description

Expansion of the Scott Adams Skatepark.

Justification

Meet increased user needs.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Planning/Design		22,000				22,000
Construction/Maintenance		44,000	142,500			186,500
Total		66,000	142,500			208,500

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Bonds		313,500	142,500			456,000
Total		313,500	142,500			456,000

Budget Impact/Other

Maintenance and operations costs.

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Parks & Recreation Manager
Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Project # GP1206
Project Name J. Fred Johnson Park

Total Project Cost: $700,000

Description

Renovation of J. Fred Johnson Park.

Justification

Improve Kingsport Park system facilities. Compliment Veterans Monument.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Planning/Design		200,000				200,000
Construction/Maintenance			300,000	200,000		500,000
Total		200,000	300,000	200,000		700,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		200,000	300,000	200,000		700,000
Total		200,000	300,000	200,000		700,000

Budget Impact/Other

Maintenance and operations costs.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies	2,500	4,000	4,000	4,000		14,500
Repairs/Maintenance	2,500	2,000	2,000	2,000		8,500
Total	5,000	6,000	6,000	6,000		23,000

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Leisure Services
Contact Parks & Recreation Manager
Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Project # GP1207
Project Name General Park Improvements

Total Project Cost: $700,000

Description

Develop a comprehensive Kingsport park system master plan and implementation of various plan concepts. (Including Rock Springs, Old Island, etc.)

Justification

Enhance and improve service to the Kingsport community.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
200,000	Planning/Design		25,000	10,000	10,000		45,000
Total	Construction/Maintenance		173,700	138,900	138,900		451,500
	Public Art		1,300	1,100	1,100		3,500
	Total		200,000	150,000	150,000		500,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
200,000	General Fund		200,000	150,000	150,000		500,000
Total	Total		200,000	150,000	150,000		500,000

Budget Impact/Other

Maintenance and operations costs.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Other (Insurance, Utilities)		30,000	50,000	50,000		130,000
Total		30,000	50,000	50,000		130,000

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Department Leisure Services
Contact Parks & Recreation Manager

Project # **GP1208**
Project Name **Allandale Amphitheater**

Type Improvement
Useful Life 20 Years
Category Buildings
Priority 4 Less Important

Total Project Cost: **$133,000**

Description

Construction of a multi-functional amphitheater on the grounds of Allandale Mansion. This will be a partnership project with the Friends of Allandale assuming the lead role for construction.

Friends of Allandale are actively seeking donations for this facility.

Justification

To provide an entertainment venue for the community and expand functionality of the facility.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance	33,000	100,000				133,000
Total	33,000	100,000				133,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		100,000				100,000
Visitor Enhancement Funds	33,000					33,000
Total	33,000	100,000				133,000

Budget Impact/Other

Maintenance and operations costs.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,500	Maintenance Supplies	1,000	1,000	1,000	1,000		4,000
Total	Other (Insurance, Utilities)	500	500	500	500		2,000
	Repairs/Maintenance		1,000				1,000
	Total	1,500	2,500	1,500	1,500		7,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Parks & Recreation Manager

Project # GP1209
Project Name Alandale Improvements

Type Improvement
Useful Life
Category Buildings
Priority 3 Important

Total Project Cost: $150,000

Description

Maintenance/Repair-Paint barn, paint pavilion, restore bridge balusters and replace pond auerator.

Facility Enhancements-Dance barn expansion and new parking lot.

Justification

To maintain the integrity of the historic mansion and expand functionality of the facility.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Improvements		50,000	100,000			150,000
Total		50,000	100,000			150,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		50,000	100,000			150,000
Total		50,000	100,000			150,000

Budget Impact/Other

Maintenance and Operations costs.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies	1,000	1,000	1,000	1,000		4,000
Other (Insurance, Utilities)	500	500	500	500		2,000
Repairs/Maintenance	1,000	1,000	1,000	1,000		4,000
Total	2,500	2,500	2,500	2,500		10,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # NC1101

Project Name Hunter Wright Stadium

Department Leisure Services

Contact Leisure Services Director

Type Maintenance

Useful Life

Category Buildings

Priority n/a

Total Project Cost: $35,000

Description

Repairs and improvements to Hunter Wright Stadium.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance	35,000					35,000
Total	35,000					35,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Visitor Enhancement Funds	35,000					35,000
Total	35,000					35,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Parks & Recreation Manager

Project # NC1201
Project Name Park Maintenance

Type Improvement
Useful Life
Category Park Improvements
Priority 3 Important

Total Project Cost: $225,000

Description

Maintenance and repair of Kingsport parks and facilities.

Justification

Provide quality leisure service facilities.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Improvements		75,000	75,000	75,000		225,000
Total		75,000	75,000	75,000		225,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		75,000	75,000	75,000		225,000
Total		75,000	75,000	75,000		225,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Leisure Services
Contact Leisure Services Director

Project # NC1203
Project Name Repaving Main Access Road-Bays Mountain

Type Maintenance
Useful Life 25 years
Category Street Paving
Priority 2 Very Important

Total Project Cost: $130,000

Description

Street and Sanitation Manager has indicated that the main access road will require resurfacing within the next 5 years. Continued and increased usage of the maintenance service road will require paving to improve serviceability.

Justification

Public convenience and workforce efficiency.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		30,000	100,000			130,000
Total		30,000	100,000			130,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		30,000	100,000			130,000
Total		30,000	100,000			130,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Department Public Safety
Contact Deputy Police Chief

Project # GP0915
Project Name Justice Center

Type Improvement
Useful Life 30 Years
Category Buildings
Priority 2 Very Important

Total Project Cost: **$3,690,000**

Description

Expand the Justice Center by adding a thrid floor.

Justification

The Police Department will use the third floor for Central Dispatch and clerical offices. The County courts will move to one location at the Justice Center freeing up spaces on the second floor of City Hall.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
200,000	Construction/Maintenance			1,990,000	1,500,000		3,490,000
Total	Total			1,990,000	1,500,000		3,490,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
200,000	Bonds			1,990,000	1,500,000		3,490,000
Total	Total			1,990,000	1,500,000		3,490,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # GP1210

Project Name Police In-Car Video Recorders

Department Public Safety
Contact Deputy Police Chief
Type Equipment
Useful Life 10 Years
Category Equipment Over $5,000
Priority 3 Important

Total Project Cost: **$210,000**

Description

Police In-Car Video Recorders. Currently, less that 10% of marked police vehicles are equipped with video capability. This project could purchase 36 cameras at an average cost of $5,500 per unit.

Justification

Provides recorded data and evidence; enhances officer safety; can reduce liability claims against the officer and city.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		70,000	70,000	70,000		210,000
Total		70,000	70,000	70,000		210,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		70,000	70,000	70,000		210,000
Total		70,000	70,000	70,000		210,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # GP1300

Project Name Emergency Generators

Department Public Safety
Contact Fire Chief
Type Equipment
Useful Life 30 Years
Category Equipment Over $5,000
Priority 4 Less Important

Total Project Cost: **$70,000**

Description

Install an emergency generator at fire stations 4 and 5. One is on West Stone Drive and the other is on Lynn Garden Drive. The generators are approximately $35,000 each installed.

Justification

This would complete an ongoing project to install a generator at each station. These would keep the fire stations ready to respond and give citizens with emergency medical needs for electricity a place to go.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000			70,000			70,000
Total			70,000			70,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund			70,000			70,000
Total			70,000			70,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Public Safety
Contact Deputy Police Chief

Project # NC1204
Project Name Police Emergency Blue Lights

Type Equipment
Useful Life 10-15 Years
Category Equipment
Priority 2 Very Important

Total Project Cost: $140,000

Description

Police emergency blue lights for marked police vehicles to replace outdated "street hawk" lights. Approximately 40 police vehicles are equipped with lights that are at least 10-15 years old and are of poor visibility quality and working order. The unit cost is $3,500 each.

Justification

More advanced technoloty utilizing stobes and LEDs causing less drain on vehicle battery and charging system. In addition, the new technology offers a greater visibility distance which increases officer/citizen safety. Also, due to the low profile of the lights on top of the vehicle, better fuel economy can be recognized.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Equipment		45,500	45,500	49,000		140,000
Total		45,500	45,500	49,000		140,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		45,500	45,500	49,000		140,000
Total		45,500	45,500	49,000		140,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Public Safety
Contact Deputy Police Chief

Project # NC1205
Project Name Police Dash Mounted Radar Units

Type Equipment
Useful Life 10 Years
Category Equipment
Priority 3 Important

Total Project Cost: **$90,000**

Description

Police dash mounted radar units. This project could purchase 36 dash mounted radar units at an approximate cost of $2,500.00 per unit.

Justification

Incrased traffic enforcement efforts.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Equipment		30,000	30,000	30,000		90,000
Total		30,000	30,000	30,000		90,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		30,000	30,000	30,000		90,000
Total		30,000	30,000	30,000		90,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Project # **DL1002**

Project Name **Lodal Replacement**

Department Solid Waste
Contact Streets and Sanitation Manager
Type Equipment
Useful Life
Category Equipment Over $5,000
Priority 3 Important

Total Project Cost: **$240,000**

Description

Replacement of two side-loading garbage trucks that are not on the fleet replacement list.

Justification

We currently have two sideloading garbage trucks that are used for back-up for our automated collection trucks. They have been taken off the fleet replacment fund.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		240,000				240,000
Total		240,000				240,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		240,000				240,000
Total		240,000				240,000

Budget Impact/Other

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
43,950	Depreciation	68,600	68,600	68,600	68,600		274,400
Total	Fuel	24,500	33,000	33,000	33,000		123,500
	Other (Insurance, Utilities)	150	150	150	150		600
	Repairs/Maintenance	3,500	7,000	7,000	7,000		24,500
	Total	96,750	108,750	108,750	108,750		423,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # DL1200

Project Name Recycling Boxes

Department Solid Waste

Contact

Type Equipment

Useful Life

Category Equipment: PW Equip

Priority n/a

Total Project Cost: **$81,000**

Description

Purchase recycling boxes.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Equipment		27,000	27,000	27,000		81,000
Total		27,000	27,000	27,000		81,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		27,000	27,000	27,000		81,000
Total		27,000	27,000	27,000		81,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # DL1201

Project Name Roll Off Boxes

Department Solid Waste

Contact Streets and Sanitation Manager

Type Equipment

Useful Life

Category Equipment: PW Equip

Priority n/a

Total Project Cost: **$60,000**

Description

Purchase Roll-Off Boxes.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Equipment		30,000	30,000			60,000
Total		30,000	30,000			60,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		30,000	30,000			60,000
Total		30,000	30,000			60,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # GP0912

Project Name Storm Water Management

Department Storm Water

Contact Storm Water Engineer

Type Improvement

Useful Life

Category Storm Water/ Drainage

Priority 2 Very Important

Total Project Cost: $1,300,000

Description

Justification

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
600,000	Construction/Maintenance		300,000	400,000			700,000
Total	Total		300,000	400,000			700,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
600,000	Bonds		300,000	400,000			700,000
Total	Total		300,000	400,000			700,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1041
Project Name **Automated Leaf Machine**

Type Equipment
Useful Life 10 Years
Category Equipment Over $5,000
Priority 2 Very Important

Total Project Cost: **$200,000**

Description

A new automated leaft machine. It's a self contained unit that has a joystick control that allows a one man operation of leaf pick-up.

Justification

This machine could take the place of two of our leaf units that have 3 men per unit. It could result in 2 less temporary employees being put on seasonal work. Or if we kept one of the older units in service it would take the place of a leaf crew that has been justified through annexation and one other leaf crew. The employees on staff that do leaf collection could be placed with landscaping crews during this time frame.

Prior
200,000
Total

Prior
200,000
Total

Budget Impact/Other

The depreciation of the vehicle would be a cost to the operating budget and a reduction of temporary employees would be a cost savings to the operating budget.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
300	Other (Insurance, Utilities)	19,500	19,500	19,500	19,500		78,000
Total	Staff Cost	-19,200	-19,200	-19,200	-19,200		-76,800
	Total	300	300	300	300		1,200

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1043
Project Name Small Paver

Type Equipment
Useful Life 15 Years
Category Equipment Over $5,000
Priority 3 Important

Total Project Cost: **$130,000**

Description

A small paver with a screed deck of 4 to 10 feet.

Justification

We currently do not have the capability to pave small trails or pathways with a width of less than 10 feet. The purchase of this machine would allow us to pave trails such as areas of the Greenbelt with a width of less than 10 feet or golf cart trails such as those at Cattails at Meadowview Conference Center if it is deemed that city staff can pave those areas.

Prior
130,000
Total

Prior
130,000
Total

Budget Impact/Other

The depreciation for the vehicle will be an expense to the operating budget. Spread over fifteen years it should be approximatley $9,000 per year.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
9,000	Other (Insurance, Utilities)	9,000	9,000	9,000	9,000		36,000
Total	Total	9,000	9,000	9,000	9,000		36,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1212
Project Name Salt Machine Replacements

Type Equipment
Useful Life 15 Years
Category Equipment Over $5,000
Priority 2 Very Important

Total Project Cost: **$22,500**

Description

This money will allow us to start a replacment schedule for our in-bed salt spreaders.

Justification

Our in-bed spreaders are getting to the end of their life expectency. They are not covered under the fleet replacement fund. This will allow us to replace two of the oldest spreaders.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		22,500				22,500
Total		22,500				22,500

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		22,500				22,500
Total		22,500				22,500

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1213
Project Name Anti-Icing Pre Wetting Units

Type Equipment
Useful Life 15 Years
Category Equipment Over $5,000
Priority 2 Very Important

Total Project Cost: **$30,000**

Description

This will provide two additional prewetting units to help in our snow removal efforts. We currently are in the process of implementing anti-icing. We have one system currently installed.

Justification

This past year we saw a shortage of road salt. An Anti-icing system will help keep our snow removal efforts at the forefront. This should also ehlp with efficiency and help us to be more pro-active rather than reactive.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		30,000				30,000
Total		30,000				30,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		30,000				30,000
Total		30,000				30,000

Budget Impact/Other

There is the possibility that anti-icing will help reduce costs in the long run.

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1214
Project Name Vehicle #421 Dump Truck Replacement

Type Equipment
Useful Life 10 Years
Category Equipment Over $5,000
Priority 2 Very Important

Total Project Cost: **$110,000**

Description

Replace Vehicle #421 which is a tandem axle dump truck which is not covered in our Fleet Maintenance Vehicle Replacement Fund. This truck was a front end loader that was converted to a dump truck during the mid nineties when the City abandoned commercial garbage pickup.

The single axle truck was totaled in an accident. We took the money that would have replaced the single axle and rebuilt Vehicles 420 & 421 which were tandom axle trucks.

The agreement was that Fleet would replace one vehicle and the department would replace the other vehicle.

Justification

Due to annexations and our attemps to pave more street with City forces, this vehicle has become extremely important to our operations. Several years ago two fron end loaders were converted into tandem axle dump trucks. One of these was put in the fleet replacement fund this one was not. Over the years due to annexations and other factors this vehicle has become critically important.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		110,000				110,000
Total		110,000				110,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		110,000				110,000
Total		110,000				110,000

Budget Impact/Other

There should be a reduction in the costs for repairs and maintenance to the operating budget.

There will be additional cost for depreciation..

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
11,000	Other (Insurance, Utilities)	11,000	11,000	11,000	11,000		44,000
Total	Total	11,000	11,000	11,000	11,000		44,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1215
Project Name Small Sweeper

Type Equipment
Useful Life 7 Years
Category Equipment Over $5,000
Priority 3 Important

Total Project Cost: **$50,000**

Description

A small Sweeper with vacuum hose attachement to augment downtown sweeping.

Justification

We currently have to clean the patio islands downtown by hand. This small sweeper should be able to clean those. We can also use it to show our presence at downtown events andat certain Fun Fest events.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		50,000				50,000
Total		50,000				50,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		50,000				50,000
Total		50,000				50,000

Budget Impact/Other

The depreciation of the vehcile puls a small amount for repair and maintenance would be the costs to the operating budget.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
6,000	Other (Insurance, Utilities)	6,000	6,000	6,000	6,000		24,000
Total	Total	6,000	6,000	6,000	6,000		24,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Streets & Sanitation
Contact Streets and Sanitation Manager

Project # GP1216
Project Name Leaf Truck Replacement

Type Equipment
Useful Life 10 Years
Category Equipment Over $5,000
Priority 3 Important

Total Project Cost: **$80,000**

Description

Replacement of 4 leaf trucks that are not on the Fleet replacement list. These vehicles were used as trash trucks and we bought brush grabbers to replace them. They were held over for Grounds Manintenance.

Justification

We currently are using four leaf trucks that are not on the fleet replacement list. They are vital to our leaf pick-up process. They could be spread over the next few years.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000		40,000	40,000			80,000
Total		40,000	40,000			80,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		40,000	40,000			80,000
Total		40,000	40,000			80,000

Budget Impact/Other

The depreciation of the vehicle would be the cost to the operating budget.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
4,000	Other (Insurance, Utilities)	8,000	12,000	16,000	16,000		52,000
Total	Total	8,000	12,000	16,000	16,000		52,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # NC1202

Project Name Parking Lot Paving

Department Streets & Sanitation

Contact Streets and Sanitation Manager

Type Maintenance

Useful Life

Category Parking Lot Paving

Priority 4 Less Important

Total Project Cost: $200,000

Description

To provide for repair and construction of various city owned parking lot projects that come up during the year.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		50,000	50,000	50,000	50,000	200,000
Total		50,000	50,000	50,000	50,000	200,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund		50,000	50,000	50,000	50,000	200,000
Total		50,000	50,000	50,000	50,000	200,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Transportation
Contact Streets and Sanitation Manager

Project # GP1002
Project Name Sidewalk Improvements

Type Improvement
Useful Life 25 years
Category Sidewalk Maintenance/Constru
Priority 2 Very Important

Total Project Cost: $700,000

Description

Funds to provide for repair and construction of various sidewalk projects that come up during the year.

Justification

Generally we encounter several small to medium type sidewalk projects that come up during the year. Additionally, we add new sidewalks to the City's system via this fund.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Construction/Maintenance		150,000	150,000	150,000	150,000	600,000
Total	Total		150,000	150,000	150,000	150,000	600,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
100,000	Other Funding Sources		150,000	150,000	150,000	150,000	600,000
Total	Total		150,000	150,000	150,000	150,000	600,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Transportation
Contact City Engineer

Project # GP1204
Project Name Minor Road Improvements

Type Improvement
Useful Life 25 years
Category Street Construction
Priority 2 Very Important

Total Project Cost: $250,000

Description

Funds to provide for repair and construction of various small to medium type street projects that come up during the year.

Justification

Generally we encounter several small to medium type drainage projects that come up during the year. These are generally projects that are unforseen and not budgeted. These funds provide a mechanism to take care of those projects.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Construction/Maintenance		50,000	50,000	50,000	50,000	200,000
Total	Total		50,000	50,000	50,000	50,000	200,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	General Fund		50,000	50,000	50,000	50,000	200,000
Total	Total		50,000	50,000	50,000	50,000	200,000

Budget Impact/Other

There should be no operational costs involved.

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Transportation
Contact Streets and Sanitation Manager

Project # GP1205
Project Name Minor Drainage

Type Improvement
Useful Life
Category Storm Water/ Drainage
Priority 2 Very Important

Total Project Cost: $250,000

Description

Funds to provide for repair and construciton of various small to medium type drainage projects that come up during the year.

Justification

Generally we encounter several small to medium type drainage projects that come up during the year. These are generally projects that are uforseen and not budgeted. These funds provide a mechanism to take care of those projects.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Construction/Maintenance		50,000	50,000	50,000	50,000	200,000
Total	Total		50,000	50,000	50,000	50,000	200,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	General Fund		50,000	50,000	50,000	50,000	200,000
Total	Total		50,000	50,000	50,000	50,000	200,000

Budget Impact/Other

There should be no operational costs involved.

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # GP1301

Project Name Storage Building-Transportation

Department Transportation

Contact Facilities Maintenance Manage

Type Improvement

Useful Life 25 years

Category Buildings

Priority 3 Important

Total Project Cost: $20,000

Description

This project provides for the construction of a block storage building at the transportation facility located at 123 Cherokee Street.

Justification

The construction of this building will provide protection and extend the life of the machinary and equipment used by the Transportation Division. Items expected to be stored in this shed include the bucket truck and paint machine.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Improvements			20,000			20,000
Total			20,000			20,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
General Fund			20,000			20,000
Total			20,000			20,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Transportation
Contact Public Works Director

Project # GP1500
Project Name Fort Robinson Drive Bridge

Type Improvement
Useful Life
Category Bridges
Priority 2 Very Important

Total Project Cost: $1,150,000

Description

Repair and replacement plan for Fort Robinson Drive bridge over Dry Hollow Creek.

Justification

The Tennessee Department of Transportation bridge inspection team has given the bridge a general condition rating of "poor". Subsequent independent consultant inspection also categorized the bridge as poor, with recommended repairs to be done now, with replacement of the bridge within 5-6 years.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance					1,150,000	1,150,000
Total					1,150,000	1,150,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Bonds					1,150,000	1,150,000
Total					1,150,000	1,150,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Transportation
Contact Streets and Sanitation Manager

Project # NC1001
Project Name Street Resurfacing

Type Maintenance
Useful Life 25 years
Category Street Paving
Priority 2 Very Important

Total Project Cost: $4,300,000

Description

To provide for repair and construction of various street resufacing projects that come up during the year.

Justification

To maintain the streets in the community.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
600,000	Construction/Maintenance	600,000	700,000	750,000	800,000	850,000	3,700,000
Total	Total	600,000	700,000	750,000	800,000	850,000	3,700,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
600,000	General Fund	600,000	700,000	750,000	800,000	850,000	3,700,000
Total	Total	600,000	700,000	750,000	800,000	850,000	3,700,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW0701
Project Name Lift Station Improvements Phase VI

Type Improvement
Useful Life 20 Years
Category Lift Station Improvements
Priority 3 Important

Total Project Cost: $100,000

Description

Completion of Phase VI Lift Station Improvements.

Justification

Phase VI includes Abelien, Thorton and Wesley lift stations. Design for all three stations was funded in FY09. Construction costs for Abeline was funded in FY09.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance			100,000			100,000
Total			100,000			100,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Fund			100,000			100,000
Total			100,000			100,000

Budget Impact/Other

Inspection and maintenance costs will be covered within the existing operating budget.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
500	Repairs/Maintenance	1,000	1,500	2,000	2,500		7,000
Total	Total	1,000	1,500	2,000	2,500		7,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/W D & C Manager

Project # SW0804
Project Name Misc SL Annexations

Type Improvement
Useful Life 40 Years
Category Wastewater
Priority 2 Very Important

Total Project Cost: $1,000,000

Description

To serve the newly annexed areas with Sewer.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance			500,000		500,000	1,000,000
Total			500,000		500,000	1,000,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Fund			500,000		500,000	1,000,000
Total			500,000		500,000	1,000,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW0904
Project Name Inflow & Infiltration Sewer Upgrades

Type Upgrade
Useful Life 30 Years
Category Wastewater
Priority 2 Very Important

Total Project Cost: $5,250,000

Description

Upgrade of sewerlines to limit inflow & infiltration.

Justification

To upgrade the sewerline so that it meets current TDEC standards. To limit overflows in the collection system which are violations of the Clean Water Act.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,250,000	Planning/Design		1,500,000				1,500,000
Total	Construction/Maintenance					2,500,000	2,500,000
	Total		1,500,000			2,500,000	4,000,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,250,000	Sewer Fund					2,500,000	2,500,000
Total	Sewer SRF Loan		1,500,000				1,500,000
	Total		1,500,000			2,500,000	4,000,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/W D & C Manager

Project # SW1003
Project Name Gibson Mill Road Sewerline Upgrade

Type Improvement
Useful Life 30 Years
Category Sewer Line Upgrade
Priority 3 Important

Total Project Cost: $600,000

Description

Upgrade of the Gibson Mill Road sewer line due to the relocation of Gilbson Mill Road.

Justification

To upgrade the sewerline so that it meets current TDEC standards. To repair the line during the relocation to limit the possibility that repairs will need to be made in the roadway soon after its completion.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
150,000	Construction/Maintenance		450,000				450,000
Total	Total		450,000				450,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
150,000	Sewer SRF Loan		450,000				450,000
Total	Total		450,000				450,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW1004
Project Name Wastwater Plant UV Disinfection

Type Improvement
Useful Life 20 Years
Category Wastewater
Priority 3 Important

Total Project Cost: **$19,000,000**

Description

Design, procurement and installation of ultraviolet disinfection at the wastewater treatment plant.

Justification

Chlorine gas is currently used for disinfection at the wastewater treatment plant. The plant stores up to 20,000 lbs. of chlorine gas on site. While chlorine is the single most commonly used chemical for disinfection of water and wastewater in the United States, gas chlorine presents special hazards that have important regulatory implications. Employee safety and increasing regulatory requirements are pushing water systems to move toward safer alternatives. There are at least three pieces of legislation that will place systems under the Department of Homeland Security, to perform vulnerability assessments, implement security plans or eliminate the use of chlorine gas. UV disinfection will eliminate the need for another hazardous chemical, sulfur dioxide, for declorination and eliminate the possibility for chlorine violations. Eliminates OSHA's Process Safety Management requirements and EPA's Risk Management requirements.

Prior

19,000,000

Total

Prior

1,900,000

Total

Budget Impact/Other

There will be a decrease in chemical cost to the operating budget of approximately $30,000 due to the elimination of chlorine gas. However, there will be an increase of approximately $35,000 in electrical costs with UV disinfection.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Other (Insurance, Utilities)		35,000	35,000	35,000		105,000
Repairs/Maintenance		-30,000	-30,000	-30,000		-90,000
Total		5,000	5,000	5,000		15,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact Public Works Director

Project # SW1005
Project Name Water & Sewer Training Facility

Type Building
Useful Life 30 Years
Category Buildings
Priority 4 Less Important

Total Project Cost: $50,000

Description

Training and meeting facility for water and sewer.

Justification

A training building that would be suitable to hold web-casts, seminars, practical classes and vendor demonstrations would be a tremendous asset to the city. The water and sewer departments are actively involved in TAUD, AWWA and WEF. A training facility located in Kingsport would allw us to host more of the professional association's training. All public works divisions could benefit from this facility.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance				50,000		50,000
Total				50,000		50,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Fund				25,000		25,000
Water Fund				25,000		25,000
Total				50,000		50,000

Budget Impact/Other

Maintenance and cleaning of the building would be covered out of water and sewer operating budgets.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies				500		500
Total				500		500

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Waste Water
Contact Public Works Director

Project # SW1006
Project Name Facilities Building Improvements

Type Improvement
Useful Life 25 years
Category Buildings
Priority 3 Important

Total Project Cost: $100,000

Description

Window replacement for water and sewer maintenance building.

Justification

Windows at both facilities are single pane and are inoperable.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Construction/Maintenance	50,000					50,000
Total	Total	50,000					50,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
50,000	Sewer Fund	50,000					50,000
Total	Total	50,000					50,000

Budget Impact/Other

Repairs and maintenance will be covered within current water plant operating budget. Project will not have a significant impact to operating budget. There will also be an energy savings when project is complete.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Maintenance Supplies	300	300	300	300		1,200
Repairs/Maintenance	5,000					5,000
Staff Cost	500	500	500	500		2,000
Total	5,800	800	800	800		8,200

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/W D & C Manager
Type Improvement
Useful Life
Category Wastewater
Priority n/a

Project # **SW1100**
Project Name **Reedy Creek Basin Basins & Upgrades**

Total Project Cost: **$1,000,000**

Description

Improvements to Reedy Creek.

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance	1,000,000					1,000,000
Total	1,000,000					1,000,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Fund	1,000,000					1,000,000
Total	1,000,000					1,000,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW1200
Project Name Rock Springs Sewer Expansion Phase II

Type Improvement
Useful Life
Category Wastewater
Priority n/a

Total Project Cost: **$6,200,000**

Description

To extend Sewer to Peppertree, Hidden Acres and Vantage Point Annexation areas.

Justification

To meet the plan of service requirements for annexations.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		6,200,000				6,200,000
Total		6,200,000				6,200,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Bonds		6,200,000				6,200,000
Total		6,200,000				6,200,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* FY '15

Department Waste Water
Contact W/WW Facilities Manager

Project # SW1201
Project Name EQ Storage

Type Improvement
Useful Life
Category Wastewater
Priority n/a

Total Project Cost: $7,000,000

Description

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance		3,500,000			3,500,000	7,000,000
Total		3,500,000			3,500,000	7,000,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Bonds		3,500,000			3,500,000	7,000,000
Total		3,500,000			3,500,000	7,000,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW1300
Project Name Lift Station Generator Project

Type Improvement
Useful Life 20 Years
Category Wastewater
Priority 3 Important

Total Project Cost: $200,000

Description

Design, procurement and installation of back up generators for major pumping stations in West Kingsport and Eastern portion of South Kingsport Drainage Basins. West Kingsport basin will include installation of generators on two stations: West kingsport and Couds Ford. South Kingsport Drainage Basin will include installation of generators on four stations:
Sams, Childress Ferry, Old Mill and Cooks Valley.

Justification

Installation of back up generators will reduce the risk of collection system violations by decreasing the number of overflows due to power outages. West Kingsport drainage basin has two major pumping stations: West Kingsport which receives flow from eight smaller stations and Clouds Ford which receives flow from seven stations. A number of the critical stations in the Western portion of the drainage basin have been equipped with generators. There are four stations that daisy chain in the Eastern portion of the basin that receive a considerable amount of flow. Sam's station receives flow from four stations and has a sensitive overflow point; Childress Ferrry which receives flow from two stations plus flow from Sam's; Old Mill which recewives flow from two stations plus Childress Ferry. Cooks Valley station receives all the flow from the Cooks Valley area and overflows directly into the lake.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Planning/Design			30,000			30,000
Construction/Maintenance			70,000			70,000
Purchases Over $5,000			100,000			100,000
Total			200,000			200,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer Fund			200,000			200,000
Total			200,000			200,000

Budget Impact/Other

Impacts to operation budget include routine preventative maintenance, repair and diesel fuel.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Fuel			1,500			1,500
Repairs/Maintenance			1,000			1,000
Total			2,500			2,500

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Waste Water
Contact W/WW Facilities Manager

Project # SW1301
Project Name Lovedale Pump Station

Type Improvement
Useful Life
Category Wastewater
Priority n/a

Total Project Cost: $7,500,000

Description

Replacement of Lovedale Pump Station

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Construction/Maintenance			7,500,000			7,500,000
Total			7,500,000			7,500,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Sewer SRF Loan			7,500,000			7,500,000
Total			7,500,000			7,500,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/W D & C Manager

Project # WA0704
Project Name Water Storage Tanks Rehab

Type Upgrade
Useful Life 30 Years
Category Water
Priority 2 Very Important

Total Project Cost: $1,133,200

Description

Rehabilitation of water storage tanks in the distribution system.

Justification

To upgrade the storage tanks so that they meet current TDEC standards.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
800,000	Construction/Maintenance	133,200	50,000	50,000	50,000	50,000	333,200
Total	Total	133,200	50,000	50,000	50,000	50,000	333,200

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
800,000	Water Fund	133,200	50,000	50,000	50,000	50,000	333,200
Total	Total	133,200	50,000	50,000	50,000	50,000	333,200

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/W D & C Manager

Project # WA0902
Project Name Misc. Water Annexations & Extensions

Type Improvement
Useful Life 30 Years
Category Water
Priority 3 Important

Total Project Cost: $3,164,200

Description

New water line installations due to annexations and extension of service to new areas.

Justification

To meet our annexation obligations and to serve previously unserved areas.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,664,200	Planning/Design			75,000	75,000	75,000	225,000
Total	Construction/Maintenance			425,000	425,000	425,000	1,275,000
	Total			500,000	500,000	500,000	1,500,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
1,664,200	Water Fund			500,000	500,000	500,000	1,500,000
Total	Total			500,000	500,000	500,000	1,500,000

Budget Impact/Other

The impact on the budget will be principal & interest payments beginning in FY11.

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/W D & C Manager

Project # WA0904
Project Name Galvanized Replacement Program

Type Upgrade
Useful Life 30 Years
Category Water
Priority 2 Very Important

Total Project Cost: $9,790,000

Description

Replace corroded galvanized pipeline that is prone to breaks and leaks.

Justification

To upgrade the waterlines so that they meet current TDEC standards. The galvanized lines in our system cause the majority of the leaks. Most galvanized lines have been in the ground for 30 years or more and have served beyond their useful life.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
2,290,000	Planning/Design	250,000	250,000	250,000	250,000	250,000	1,250,000
Total	Construction/Maintenance	1,250,000	1,250,000	1,250,000	1,250,000	1,250,000	6,250,000
	Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
2,290,000	Water Bonds	1,500,000					1,500,000
Total	Water Fund		1,500,000	1,500,000	1,500,000	1,500,000	6,000,000
	Total	1,500,000	1,500,000	1,500,000	1,500,000	1,500,000	7,500,000

Budget Impact/Other

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Department Water
Contact W/W D & C Manager

Project # **WA1001**
Project Name **Facilities Improvements**

Type Improvement
Useful Life 25 years
Category Buildings
Priority 3 Important

Total Project Cost: **$325,000**

Description

Womdpw replacement for water treatment plant and water maintenance building. Sandblasting and painting of pipe gallery. Repair and painting of foyer area of water treatment plant.

Justification

Windows at both facilities are sing pane and inoperable. Many of the windows at the water plant date back to 1926. Replacement of windows will result in an energy savings of approximately $7500 annually. The water treatment plant was building 1926. The building was last painted in the 1980's. A majority of the painting was completed in-house this year. The pipe gallery and foyer require a significant amount of preparation and repair before painting. This is outside of plant staff's expertise.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
175,000	Construction/Maintenance	150,000					150,000
Total	Total	150,000					150,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
175,000	Water Fund	150,000					150,000
Total	Total	150,000					150,000

Budget Impact/Other

Repairs and maintenance will be covered within the current water plant's operating budget.
The project will have an estimated $7,500 annual savings in energy costs.

Prior	Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
-7,200	Other (Insurance, Utilities)	-7,500	-7,500	-7,500	-7,500		-30,000
Total	Staff Cost	300	300	300	300		1,200
	Total	-7,200	-7,200	-7,200	-7,200		-28,800

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/WW Facilities Manager

Project # WA1003
Project Name Filter 11 & 12 Rehab

Type Improvement
Useful Life 15 Years
Category Water
Priority 2 Very Important

Total Project Cost: $175,000

Description

Filter under drain inspection and media change out.

Justification

Filter media depth does not meet State of Tennessee design criteria. State design criteria for mixed media filters requires 24"-36" of media. Core sampling showed that filters 11 & 12 had insufficient media depths and under drains have not been fully inspected in 15 years. Filters 1 thru 10 were rehabbed in 2005. Filters 11 & 12 were omitted due to insufficient funds.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Planning/Design	25,000					25,000
Construction/Maintenance	150,000					150,000
Total	175,000					175,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Water Fund	175,000					175,000
Total	175,000					175,000

Budget Impact/Other

Repairs and Maintenance will be covered within current operating budgets. Filters should be inspected every five years to determine if media is needed.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Repairs/Maintenance				15,000		15,000
Total				15,000		15,000

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Project # WA1004

Project Name Gibson Mill Road Waterline Upgrade

Department Water
Contact W/W D & C Manager
Type Upgrade
Useful Life 30 Years
Category Water
Priority 3 Important

Total Project Cost: $644,900

Description

Relocation of the waterline due to the relocation of Gibson Mill Road.

Justification

Relocation of the waterline is required to keep the waterlines in the ROW. When the waterlines are allowed to stay in vacated ROW, there are many maintenance issue and easement issues that will eventually need to be overcome. The preference is to relocate the waterline during the road construction process to minimize disturbance when the waterline will need to be relocated in the future.

Prior	Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
294,900	Planning/Design	50,000					50,000
Total	Construction/Maintenance	300,000					300,000
	Total	350,000					350,000

Prior	Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
261,467	Water Bonds	350,000					350,000
Total	Total	350,000					350,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/WW Facilities Manager

Project # **WA1200**
Project Name **WTP Plant Improvements**

Type Improvement
Useful Life
Category Water
Priority n/a

Total Project Cost: **$6,000,000**

Description

Improvements to the Water Treatment Plant,

Justification

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Improvements		3,000,000	3,000,000			6,000,000
Total		3,000,000	3,000,000			6,000,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Water Bonds		3,000,000	3,000,000			6,000,000
Total		3,000,000	3,000,000			6,000,000

Budget Impact/Other

Capital Improvement Plan

FY '11 *thru* FY '15

City of Kingsport, Tennessee

Department Water
Contact W/W D & C Manager
Type Improvement
Useful Life
Category Water
Priority 3 Important

Project # **WA1401**
Project Name **Pump Station Generator Project**

Total Project Cost: **$1,000,000**

Description

Design, procurement and installation of back up generators for major generators such as Hillcrest, West View and Colonial View pump stations.

Justification

Hillcrest, West View and Colonial View are the largest pump stations in the system. Each station is relied upon to feed subsequent pressure zones. Hillcrest feed three consecutive pressure zones. There have not been any problems with prolonged water outages. However, prolonged power outages to any one of the stations could result in a significant number of customers to be without water.

Expenditures	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Purchases Over $5,000				500,000	500,000	1,000,000
Total				500,000	500,000	1,000,000

Funding Sources	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Water Fund				500,000	500,000	1,000,000
Total				500,000	500,000	1,000,000

Budget Impact/Other

Impacts to the operating budget include routine preventative maintenance, repair and diesel fuel.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Fuel				1,500		1,500
Repairs/Maintenance				1,000		1,000
Total				2,500		2,500

Capital Improvement Plan

City of Kingsport, Tennessee

FY '11 *thru* **FY '15**

Project # **WA1600**

Project Name **Raw Water Upgrades**

Department Water
Contact W/WW Facilities Manager
Type Upgrade
Useful Life 40 Years
Category Water
Priority 2 Very Important

Total Project Cost: **$2,000,000**

Description

Design and construction of water plant raw water transmission lines.

Justification

Raw water is pumped from the intake on the South Fork Holston River through a single 30" line and two 16" lines up the bluff through a tunnel to the water plant for treatment. The tunnel and one of the 16" lines were constructed in 1928. The remaining two lines were added in response to system growth. There is no room in the tunnel for a fourth line and all three lines are needed to meet current demand. If one of the pipes were to fail on the bluff or in the tunnel the system runs risk of not being able to meet demand. In 2003, Barge Waggoner investigated alternative routes, pipe materials and construction technologies. The final recommendation included directional drilling a single 42" DIP line in a 60" casing through the mountain.

Future
2,000,000
Total

Future
2,000,000
Total

Budget Impact/Other

The impact on the operating budget will be principal and interest payments beginning in FY12.

Budget Items	FY '11	FY '12	FY '13	FY '14	FY '15	Total
Interest	61,500	82,000				143,500
Principal		61,500				61,500
Total	61,500	143,500				205,000