



# City of Chattanooga

Ron Littlefield, Mayor  
City Hall  
Chattanooga, Tennessee 37402

## MEMORANDUM

**TO:** Chattanooga City Council

**FROM:** Mayor Ron Littlefield

**DATE:** June 5, 2012

**RE:** 2013 Capital Budget

Enclosed is the proposed capital improvement plan for the five year period ending June 30, 2017. Total of all requests for FY 2013 were \$220,413,957. We are recommending a fiscal year 2013 budget of \$95,054,621; of which \$50.6 million and \$44.5 million are allocated to the City's general government and enterprise operations respectively.

The five year total is \$450,291,089. I look forward to working with you as we review the City's FY 2013 five year capital improvement plan.

# City of Chattanooga

Ron Littlefield, Mayor



Five - Year

Capital Improvements Plan

Fiscal Year 2013-2017

# Total Five Year Request

Departments	Requested FY 12/13	Requested FY 13/14	Requested FY14/15	Requested FY 15/16	Requested FY 16/17	Total 5 Year Request
⊕ A - General Government	4,500,000	1,000,000	500,000	500,000	500,000	7,000,000
⊕ G - General Svcs	6,730,500	0	0	0	0	6,730,500
⊕ A. - Information Services	2,555,000	220,000	74,000	0	0	2,849,000
⊕ H - Police	21,270,000	670,000	17,495,000	495,000	495,000	40,425,000
⊕ J - Fire	11,037,500	2,926,850	5,420,000	1,130,000	1,130,000	21,644,350
⊕ K - Public Works	84,938,241	49,746,264	70,755,864	63,565,000	53,170,000	322,175,369
⊕ L - Parks	20,131,063	19,980,000	10,901,000	7,223,000	350,000	58,585,063
⊕ M - Education, Arts, & Culture	500,000	1,700,000	200,000	200,000	200,000	2,800,000
⊕ Interceptor Sewer	61,647,653	30,533,653	20,033,653	20,633,653	16,383,653	149,232,265
⊕ Solid Waste	1,063,000	1,090,000	1,650,000	605,000	19,000	4,427,000
⊕ Water Quality.	6,041,000	16,031,000	3,440,000	9,025,000	2,550,000	37,087,000
<b>Grand Total</b>	<b>\$ 220,413,957</b>	<b>\$ 123,897,767</b>	<b>\$ 130,469,517</b>	<b>\$ 103,376,653</b>	<b>\$ 74,797,653</b>	<b>\$ 652,955,547</b>
<b>Total Capital Request (A - M)</b>	<b>151,662,304</b>	<b>76,243,114</b>	<b>105,345,864</b>	<b>73,113,000</b>	<b>55,845,000</b>	<b>462,209,282</b>
<b>Enterprise Fund/Other Funds</b>	<b>68,751,653</b>	<b>47,654,653</b>	<b>25,123,653</b>	<b>30,263,653</b>	<b>18,952,653</b>	<b>190,746,265</b>
<b>Total All Funds</b>	<b>220,413,957</b>	<b>123,897,767</b>	<b>130,469,517</b>	<b>103,376,653</b>	<b>74,797,653</b>	<b>652,955,547</b>

# Department Summary

## Fiscal Year 2013

Department	Requested FY 12/13	Recommended FY13
General Government	4,500,000	3,250,000
General Svcs	6,730,500	2,321,000
Information Services	2,555,000	1,880,000
Police	21,270,000	100,000
Fire	11,037,500	575,000
Public Works	84,938,241	31,119,621
Parks	20,131,063	10,853,000
Education, Arts, & Culture	500,000	500,000
<b>Total Governmental Funds</b>	<b>151,662,304</b>	<b>50,598,621</b>
<b>ENTERPRISE FUNDS:</b>		
Interceptor Sewer	61,647,653	38,450,000
Solid Waste	1,063,000	350,000
Water Quality	6,041,000	5,656,000
<b>Total Enterprise Funds</b>	<b>68,751,653</b>	<b>44,456,000</b>
<b>Total All Funds</b>	<b>220,413,957</b>	<b>95,054,621</b>

# FY2013 Summary Allocations & Funding Sources

Department	Requested FY 12/13	Recommended FY13	RECOMMENDED FUNDING SOURCES						Sources Total FY12/13
			General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	
General Government	4,500,000	3,250,000	50,000	0	0	800,000	2,400,000	0	3,250,000
General Svcs	6,730,500	2,321,000	17,500	286,000	0	0	2,000,000	17,500	2,321,000
Information Services	2,555,000	1,880,000	50,000	1,830,000	0	0	0	0	1,880,000
Police	21,270,000	100,000	100,000	0	0	0	0	0	100,000
Fire	11,037,500	575,000	0	575,000	0	0	0	0	575,000
Public Works	84,938,241	31,119,621	2,080,000	5,275,000	0	1,243,542	605,000	21,916,079	31,119,621
Parks	20,131,063	10,853,000	325,000	1,898,000	8,000,000	585,000	0	45,000	10,853,000
Education, Arts, & Culture	500,000	500,000	0	500,000	0	0	0	0	500,000
<b>Total General Funds</b>	<b>151,662,304</b>	<b>50,598,621</b>	<b>2,622,500</b>	<b>10,364,000</b>	<b>8,000,000</b>	<b>2,628,542</b>	<b>5,005,000</b>	<b>21,978,579</b>	<b>50,598,621</b>
<b>ENTERPRISE FUNDS:</b>									
Interceptor Sewer	61,647,653	38,450,000	0	33,100,000	0	0	5,350,000	0	38,450,000
Solid Waste	1,063,000	350,000	0	0	0	0	350,000	0	350,000
Water Quality	6,041,000	5,656,000	0	5,656,000	0	0	0	0	5,656,000
<b>Total Enterprise Funds</b>	<b>68,751,653</b>	<b>44,456,000</b>	<b>0</b>	<b>38,756,000</b>	<b>0</b>	<b>0</b>	<b>5,700,000</b>	<b>0</b>	<b>44,456,000</b>
<b>Total All Funds</b>	<b>220,413,957</b>	<b>95,054,621</b>	<b>2,622,500</b>	<b>49,120,000</b>	<b>8,000,000</b>	<b>2,628,542</b>	<b>10,705,000</b>	<b>21,978,579</b>	<b>95,054,621</b>

# Project Summary by Depart.

<b>General Government</b>		<b>\$ 5,130,000</b>
Library - Central HVAC & Lighting	400,000	
CARTA Match Funds	800,000	
Fortwood Center	50,000	
WellAdvantage Healthcare Center	2,000,000	
Maintain Software currency (ERP only)	775,000	
TimeClock implementation-Final phase	50,000	
HR Perf Mgt, Self-Service, HR svc enhance	300,000	
End of Life Network Structure upgrade	255,000	
Wireless	500,000	

# Project Summary by Depart.

<b>General Services</b>		<b>2,321,000</b>
City Hall Campus	286,000	
Fleet Leasing Program	2,000,000	
Bessie Smith Hall	35,000	

# Project Summary by Depart.

<b>Police Capital Projects</b>		<b>100,000</b>
Whole Dehumidification System for Major Crimes (mold)	100,000	
<b>Fire Capital Projects</b>		<b>575,000</b>
Fire Station Replacement	575,000	

# Project Summary by Depart.

## **PUBLIC WORKS**

**\$31,119,621**

<b>Public Works (Traffic Engineering)</b>		<b>7,530,000</b>
Chattanooga Regional ITS System	7,400,000	
New Traffic Signals and Major Repairs	50,000	
Neighborhood Traffic Management	80,000	
<b>Public Works (City-Wide Services)</b>		<b>280,000</b>
Wheel Loaders	140,000	
Asphalt Pavers	140,000	

Continued on next slide

# Project Summary by Depart.

## PUBLIC WORKS

**\$31,119,621**

<b>Public Works (Infrastructure Improvements)</b>		<b>23,309,621</b>
ESIP Connector Road Extension (Volunteer Ordin Cor	12,500,000	
VW SIA Road	600,000	
Pavement Management	1,788,000	
Hamilton County Rail Authority Railroad Rehab/RI-Goodwin D	2,750,000	
Volkswagen Drive SIA Intersection Improvements	475,000	
Regional Address Project	350,000	
Gunbarrel Road Widening at Mall Entrance	300,000	
Shallowford Road Widening (NB I-75 Lifestyle Way)	400,000	
Main Terrain Park	817,000	
Central Avenue Extension	1,637,034	
Fairmont Avenue	150,000	
Sidewalks	200,000	
CDBG Sidewalks	317,587	
SRTS Sidewalk Project	300,000	
Gunbarrel Road - Shallowford to Standifer Gap	725,000	

# Project Summary by Depart.

<b>PARKS &amp; RECREATION DEPARTMENT</b>		<b>10,853,000</b>
S. Chickamauga Creek Greenway	140,000	
Zoo Improvements	250,000	
Hixson Recreation Center	1,400,000	
Ross's Landing Riverfront Hardedge repairs	8,000,000	
Roof Replacement	223,000	
Summit of Softball	400,000	
HVAC Systems	200,000	
John A Patten Park - Restrooms	75,000	
St. Elmo Passive Park - Restrooms	75,000	
1st Street Redesign	90,000	
<b>EDUCATION, ARTS &amp; CULTURE</b>		<b>500,000</b>
Memorial Auditorium & Tivoli repair & Maintenance	500,000	

# Enterprise Summary

<b>Enterprise Operations</b>		<b>44,456,000</b>
<b>Interceptor Sewer</b>	<b>38,450,000</b>	
<b>Solid Waste Fund</b>	<b>350,000</b>	
<b>Water Quality Management</b>	<b>5,656,000</b>	

# Project Summary by Dept.

## Enterprise Funds

<b>INTERCEPTOR SEWER</b>		<b>38,450,000</b>
PS & CSO SCADA Replacement & Upgrade	3,500,000	
Bar & Fine Screen Replacement @ MBWWTP	5,000,000	
Upgrade & Replacement of Disinfection System	6,100,000	
SEP Consent Decree	1,000,000	
Construction Program Management	1,500,000	
CMOM Projects	1,000,000	
East Brainerd Sewer Basin	18,500,000	
Long Term Control Plan Update	350,000	
Process Control Optimization	250,000	
TDOT Project/Contingency	1,000,000	
Laboratory Upgrade	250,000	
<b>SOLID WASTE FUND</b>		<b>350,000</b>
Automated recycle containers	300,000	
Gas Recovery City Landfill	50,000	

# Project Summary by Dept.

## Enterprise Funds

<b>WATER QUALITY</b>		<b>5,656,000</b>
Heavy Equipment	856,000	
WPA System	600,000	
3500 Block Broad Street	800,000	
Briarwood Circle	1,500,000	
McCutcheon Road	750,000	
Levee Certification & Repairs	400,000	
LID Retrofit	500,000	
Floodplain modeling	250,000	

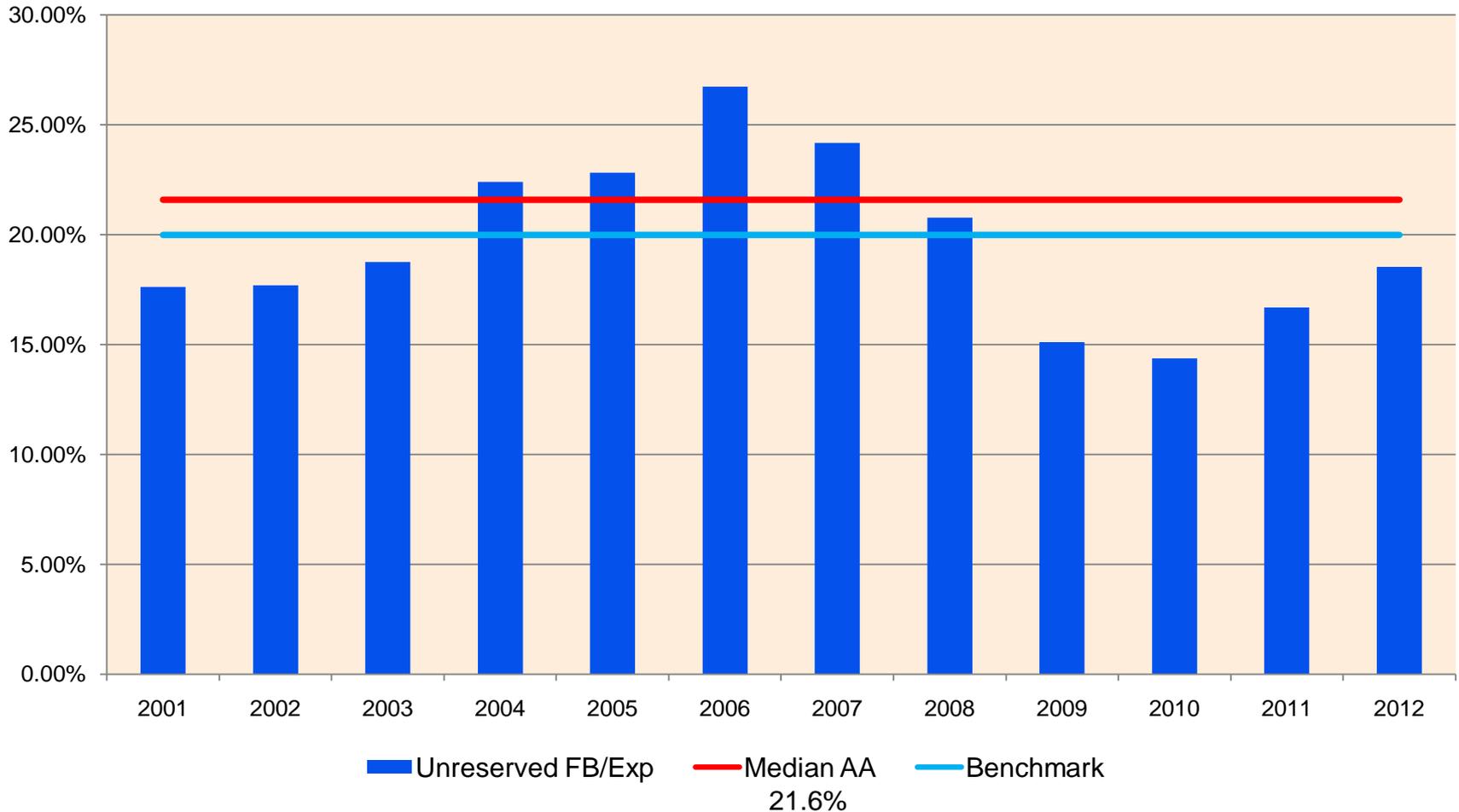
# Total General Fund Balance

Fiscal Year Ended	Rev. & Transfers In	Expenditures & Transfers out	Total Fund Balance	Unreserved Fund Balance	Inc/(Decr.) in unreserved Fund balance	Total FB/Rev	Total FB/Exp	Unreserved FB/Rev	Unreserved FB/Exp
1997	135,617,165	133,488,337	35,598,921	30,433,940		26.25%	26.67%	22.44%	22.80%
1998	142,454,680	133,169,232	44,884,369	32,614,374	2,180,434	31.51%	33.70%	22.89%	24.49%
1999	147,924,205	151,387,278	41,421,296	32,088,845	(525,529)	28.00%	27.36%	21.69%	21.20%
2000	152,306,195	158,176,781	35,550,710	27,948,149	(4,140,696)	23.34%	22.48%	18.35%	17.67%
2001	148,891,330	151,339,019	33,494,589	26,676,518	(1,271,631)	22.50%	22.13%	17.92%	17.63%
2002	165,501,565	163,028,459	35,967,695	28,860,723	2,184,205	21.73%	22.06%	17.44%	17.70%
2003	168,715,991	164,005,706	40,677,980	30,784,700	1,923,977	24.11%	24.80%	18.25%	18.77%
2004	171,948,445	163,267,064	49,359,361	36,602,895	5,818,195	28.71%	30.23%	21.29%	22.42%
2005	168,838,642	170,747,803	47,450,200	38,975,983	2,373,088	28.10%	27.79%	23.08%	22.83%
2006	177,315,652	168,723,142	56,042,710	45,138,561	6,162,578	31.61%	33.22%	25.46%	26.75%
2007	185,226,387	186,138,748	55,130,349	45,027,258	(111,303)	29.76%	29.62%	24.31%	24.19%
2008	193,049,930	196,085,010	52,094,869	40,746,518	(4,280,740)	26.99%	26.57%	21.11%	20.78%
2009	200,143,993	208,491,863	43,746,999	31,520,660	(9,225,858)	21.86%	20.98%	15.75%	15.12%
2010	195,642,310	197,764,894	39,829,493	28,415,466	(3,105,194)	20.36%	20.14%	14.52%	14.37%
2011	213,250,763	202,800,127	50,280,129	33,863,477	5,448,011	23.58%	24.79%	15.88%	16.70%
2012	228,406,876	221,270,125	57,416,880	41,000,228	7,136,751	25.14%	25.95%	17.95%	18.53%

According to an September 2011 Moody's publication, the median value of general fund balance as % of revenue for AA rating is 21.6%.

Decrease between 2009 and 2010 Revenue was from PSIC grant collections.

# Unreserved Fund Balance as a % of General Fund Expenditures

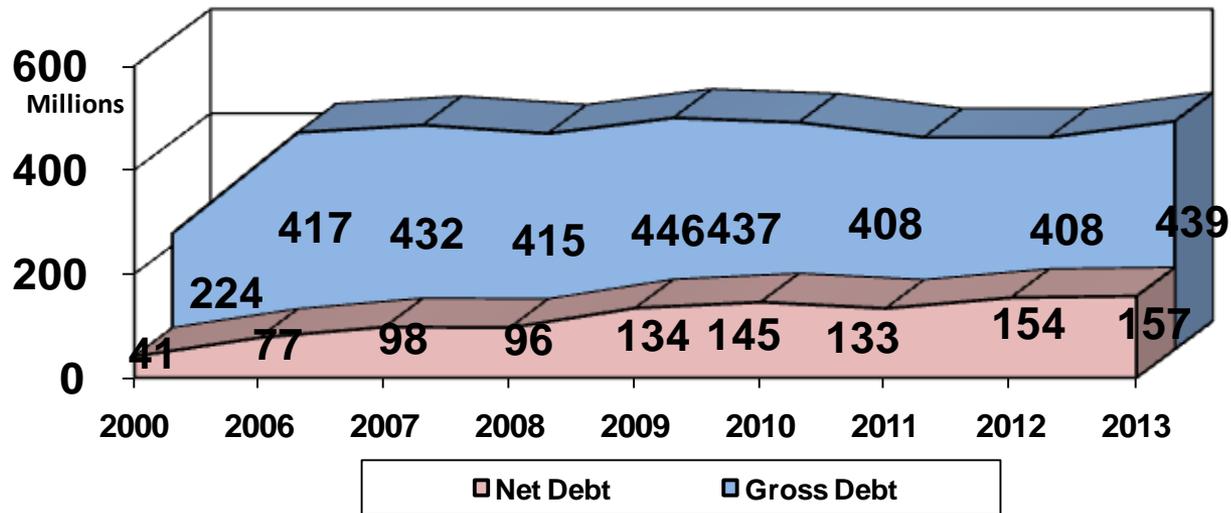


According to an September 2011 Moody's publication, the median value of general fund balance as % of revenue for AA rating is 21.6%.

# Governmental and Enterprise O/S Debt

FY12 Debt Summary	Million \$	Retired to date	O/S as of 6/30/2012	Issue in FY13	Retired 2013	Est for FY13
<b>Gross Debt</b>	423.4	15.5	407.9	64.6	33.1	439.4
<b>Less: Self Supporting Debt</b>						
Hotel Motel	50.3	1.0	49.3	8.0	2.2	55.1
ISS	77.5	4.1	73.4	33.1	9.0	97.5
Solid Waste	18.1	0.3	17.8	0.0	1.6	16.1
Water Quality	7.8	0.1	7.7	6.0	1.0	12.8
CDRC Cap. Lease	103.5	3.0	100.5	0.0	4.2	96.3
HUD Sec. 108 Notes	3.7	0.0	3.7	0.0	0.3	3.4
Golf Course Capital Lease	0.2	0.1	0.1	0.0	0.1	0.0
Debt Service Fund Balance	5.0		1.4			1.4
<b>Total Self Supporting</b>	<b>266.0</b>	<b>8.6</b>	<b>253.8</b>	<b>47.1</b>	<b>18.4</b>	<b>282.5</b>
<b>Net Direct Debt</b>	<b>157.4</b>	<b>6.9</b>	<b>154.1</b>	<b>17.5</b>	<b>14.6</b>	<b>156.9</b>

# Governmental and Enterprise O/S Debt



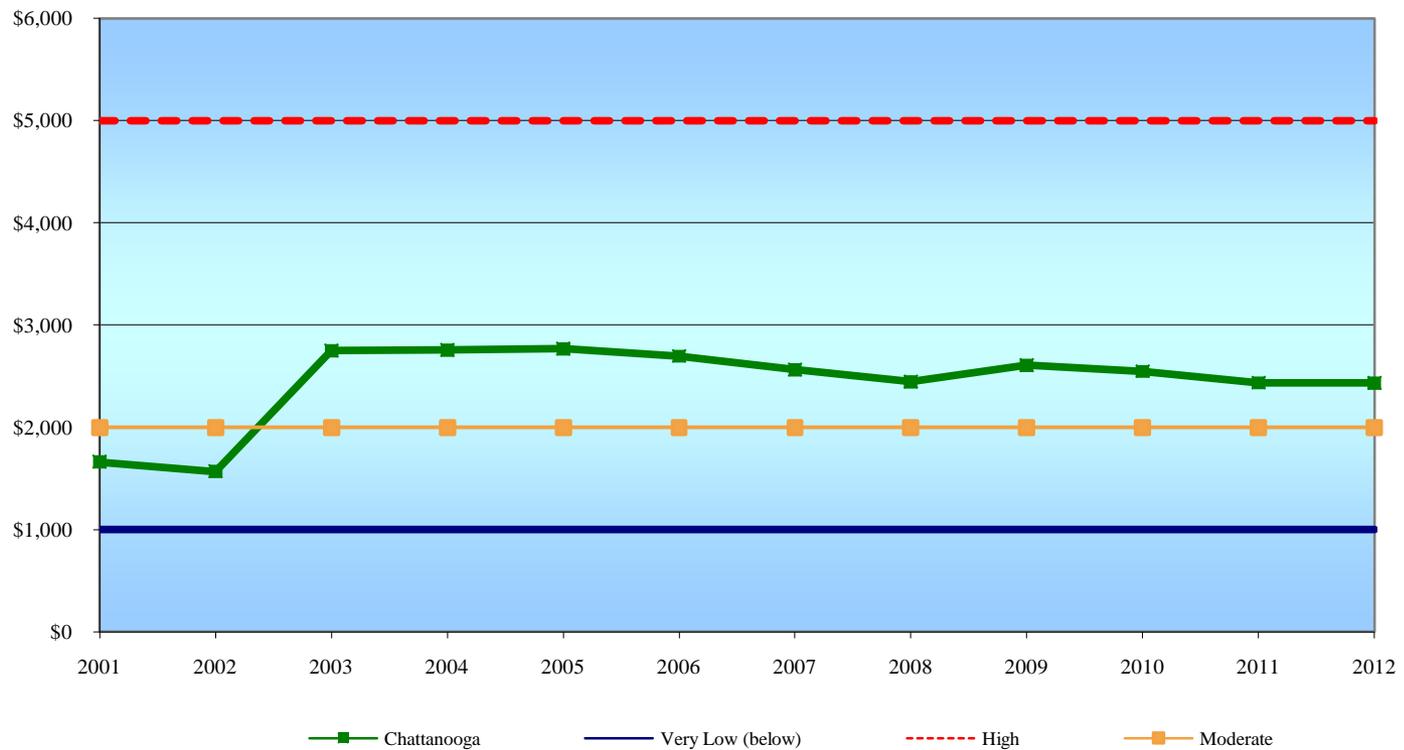
# Net GO Debt as % of Assessed Value

Net Debt as a % of Assessed Valuation



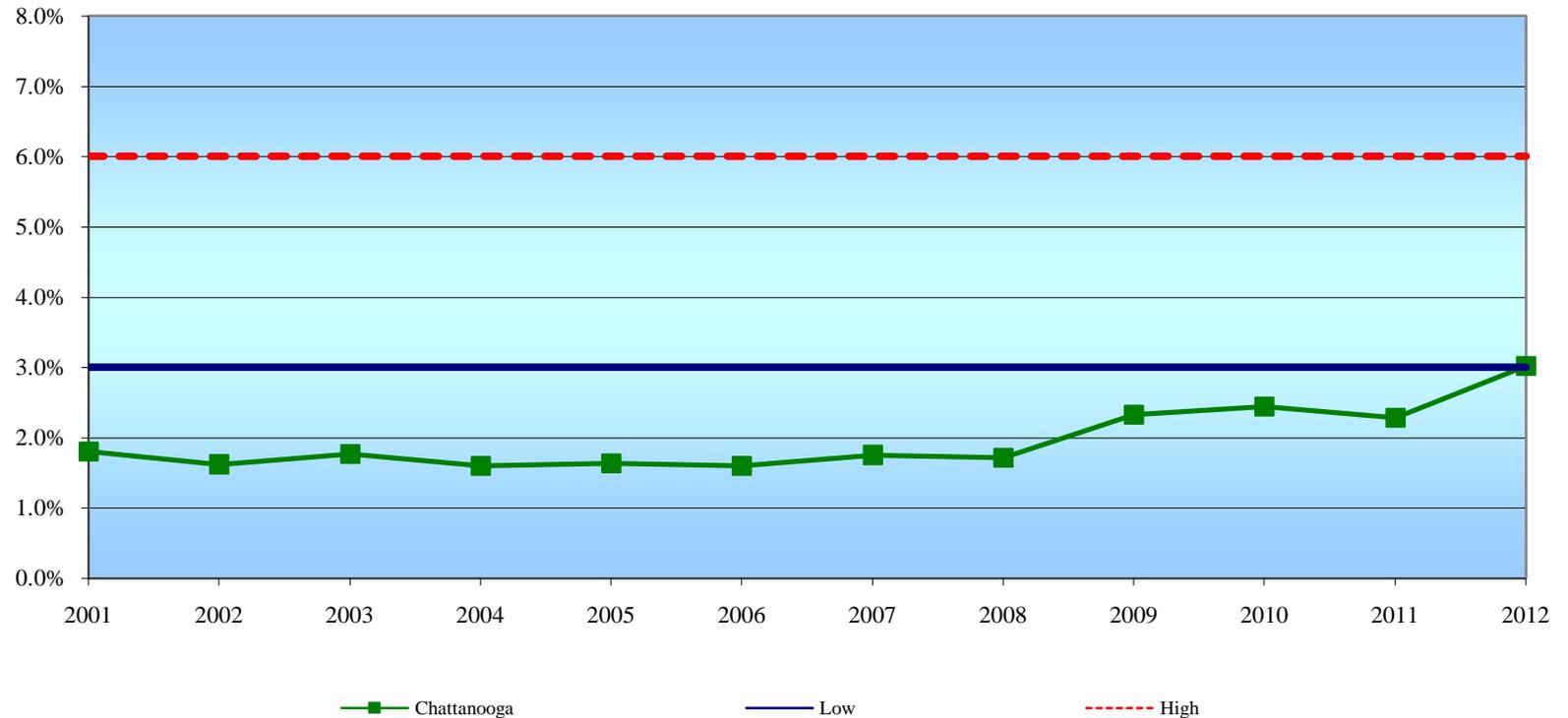
# Overall Debt Per Capita

Overall Debt Per Capita



# Net Debt Per Capita

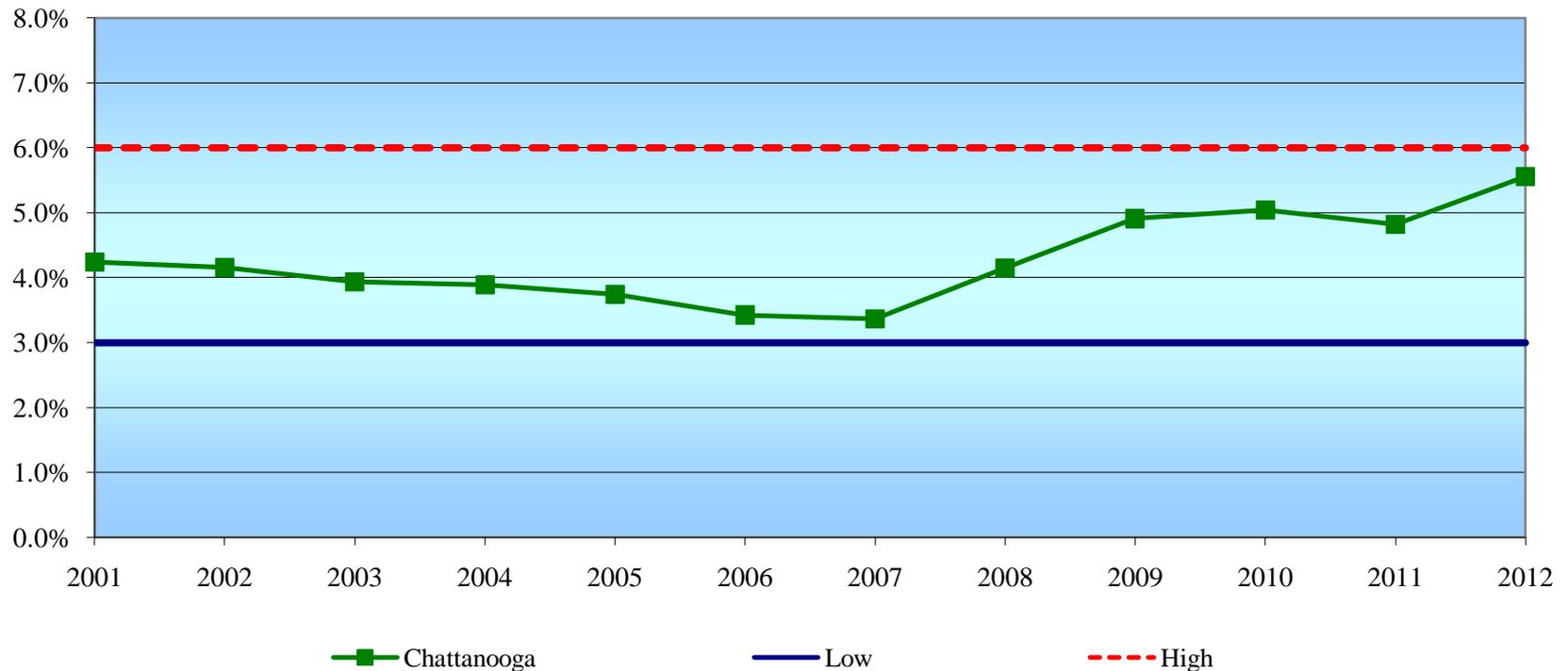
Per Capita Debt / Per Capita Income



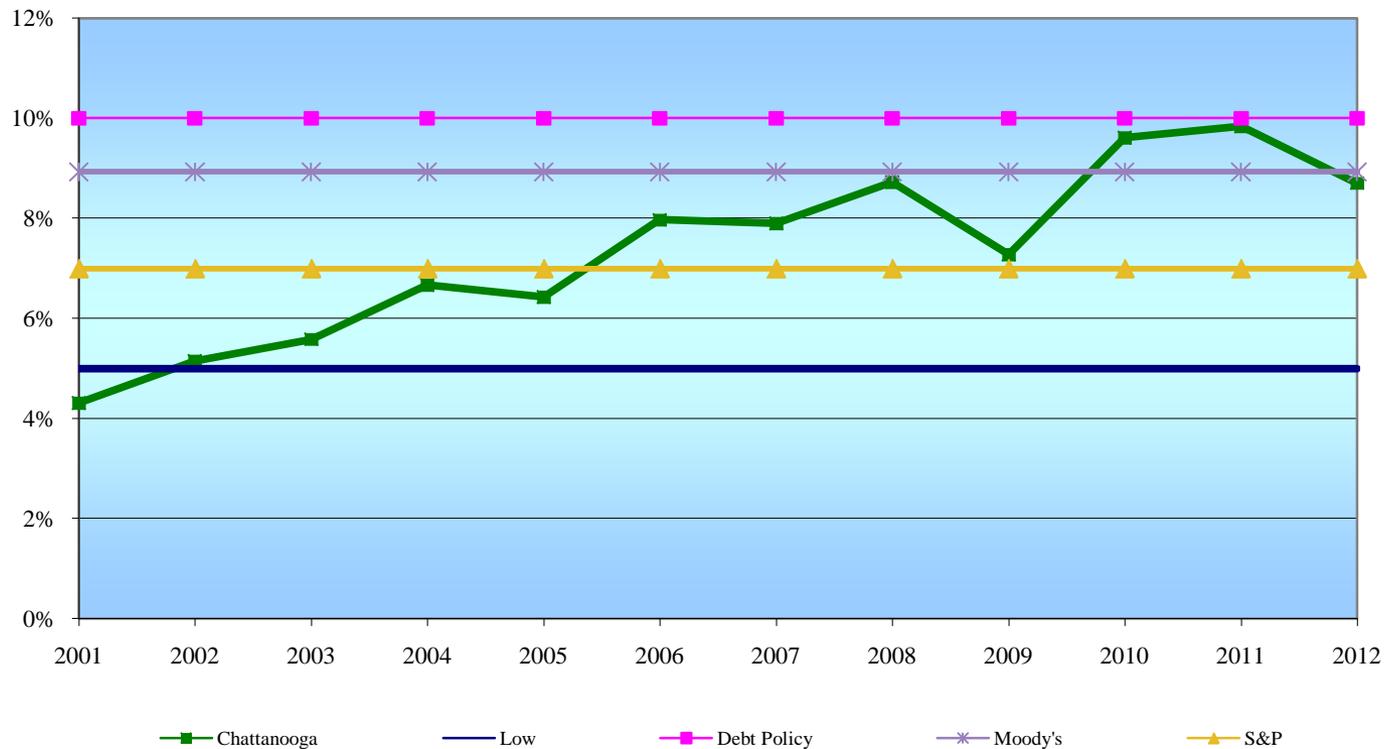
Benchmarks are for net overlapping per capita.

# Net & Overlapping Debt per Capita as % of Per Capita Income

Per Capita Debt / Per Capita Income



# Debt Service as % of General Fund Operating Expenditures (Including Transfers Out)



# ISS DEBT TREND

Year	Debt O/S	Debt Service
FY 2002	116,046,067	14,407,811
FY 2003	123,491,640	12,737,571
FY 2004	131,448,967	14,041,032
FY 2005	127,396,823	14,595,850
FY 2006	116,878,339	15,307,663
FY 2007	109,164,894	15,371,803
FY 2008	98,154,112	15,152,267
FY 2009	98,468,500	14,841,414
FY 2010	90,181,577	13,632,860
FY 2011	82,208,790	11,256,648
FY 2012	73,376,419	12,055,678
FY 2013	97,454,831	14,716,630

# Key Dates

- Recommended Capital to Council – June 5
- 1<sup>st</sup> Reading – June 19
- 2<sup>nd</sup> Reading – June 26



# FY13 FUNDING SOURCES

**RECOMMENDED FUNDING SOURCES**

<b>Department</b>	<b>Requested FY 12/13</b>	<b>Recommended FY13</b>	<b>General Fund Cash/Reserves</b>	<b>Bonds/SRF</b>	<b>Hotel/Motel</b>	<b>Economic Dev</b>	<b>Other City Sources</b>	<b>External Sources</b>	<b>Sources Total FY12/13</b>
General Government	4,500,000	3,250,000	50,000	0	0	800,000	2,400,000	0	<b>3,250,000</b>
General Svcs	6,730,500	2,321,000	17,500	286,000	0	0	2,000,000	17,500	<b>2,321,000</b>
Information Services	2,555,000	1,880,000	50,000	1,830,000	0	0	0	0	<b>1,880,000</b>
Police	21,270,000	100,000	100,000	0	0	0	0	0	<b>100,000</b>
Fire	11,037,500	575,000	0	575,000	0	0	0	0	<b>575,000</b>
Public Works	84,938,241	31,119,621	2,080,000	5,275,000	0	1,243,542	605,000	21,916,079	<b>31,119,621</b>
Parks	20,131,063	10,853,000	325,000	1,898,000	8,000,000	585,000	0	45,000	<b>10,853,000</b>
Education, Arts, & Culture	500,000	500,000	0	500,000	0	0	0	0	<b>500,000</b>
<b>Total General Funds</b>	<b>151,662,304</b>	<b>50,598,621</b>	<b>2,622,500</b>	<b>10,364,000</b>	<b>8,000,000</b>	<b>2,628,542</b>	<b>5,005,000</b>	<b>21,978,579</b>	<b>50,598,621</b>
<b>ENTERPRISE FUNDS:</b>									
Interceptor Sewer	61,647,653	38,450,000	0	33,100,000	0	0	5,350,000	0	<b>38,450,000</b>
Solid Waste	1,063,000	350,000	0	0	0	0	350,000	0	<b>350,000</b>
Water Quality	6,041,000	5,656,000	0	5,656,000	0	0	0	0	<b>5,656,000</b>
<b>Total Enterprise Funds</b>	<b>68,751,653</b>	<b>44,456,000</b>	<b>0</b>	<b>38,756,000</b>	<b>0</b>	<b>0</b>	<b>5,700,000</b>	<b>0</b>	<b>44,456,000</b>
<b>Total All Funds</b>	<b>220,413,957</b>	<b>95,054,621</b>	<b>2,622,500</b>	<b>49,120,000</b>	<b>8,000,000</b>	<b>2,628,542</b>	<b>10,705,000</b>	<b>21,978,579</b>	<b>95,054,621</b>

				RECOMMENDED FUNDING SOURCES								
Page#	Department Projects by Priority			Requested FY 12/13	Recommended FY12/13	General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	Sources Total FY12/13
	<b>A - General Government</b>			<b>4,500,000</b>	<b>3,250,000</b>	<b>50,000</b>	<b>0</b>	<b>0</b>	<b>800,000</b>	<b>2,400,000</b>	<b>0</b>	<b>3,250,000</b>
11	1	Eastgate Branch Relocation	250,000	0	0							0
		Library - Central HVAC & Lighting	1,000,000	400,000	0					400,000		400,000
12	2	CARTA Match Funds	1,200,000	800,000				800,000				800,000
13	5	Fortwood Center	50,000	50,000	50,000							50,000
14	1	WellAdvantage Healthcare Center	2,000,000	2,000,000						2,000,000		2,000,000
	<b>G - General Svcs</b>			<b>6,730,500</b>	<b>2,321,000</b>	<b>17,500</b>	<b>286,000</b>	<b>0</b>	<b>0</b>	<b>2,000,000</b>	<b>17,500</b>	<b>2,321,000</b>
17	1	City Hall Campus	510,500	286,000		286,000						286,000
18	2	Bessie Smith Hall	35,000	35,000	17,500						17,500	35,000
19	3	Warehouse on Main Street	50,000	0	0							0
20	4	Brownfield Project	40,000	0	0							0
21	5	Fleet Leasing Program	6,095,000	2,000,000						2,000,000		2,000,000
	<b>A. - Information Services</b>			<b>2,555,000</b>	<b>1,880,000</b>	<b>50,000</b>	<b>1,830,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,880,000</b>
24	1	End of Life Network Infrastructure upgrade	255,000	255,000	0	255,000						255,000
27		Maintain Software currency (ERP only)	775,000	775,000		775,000						775,000
28		Phone system replacement	100,000	0	0							0
29		TimeClock implementation-Final phase	50,000	50,000	50,000							50,000
30		TORA ,upgrade end of life hardware,LINUX	375,000	0	0	0						0
31	2	HR Performance Mgt, Self-Service, HR service enhan	300,000	300,000		300,000						300,000
32		Wireless	700,000	500,000	0	500,000						500,000
	<b>H - Police</b>			<b>21,270,000</b>	<b>100,000</b>	<b>100,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>100,000</b>
37	1	Motorola Portable Digital Radios	95,000	0	0							0
38	2	In-car Laptop Computers	400,000	0	0							0
39	3	Whole Dehumidification System for Major Crimes (mold)	100,000	100,000	100,000							100,000
40	4	Police Service Center Parking Lots	400,000	0								0
41	5	Hamilton County 911 Chiller / Bldg Replace/Repair	100,000	0	0							0
42	6	Annex Renovation & Expansion	175,000	0	0							0
43	7	Range	20,000,000	0	0							0
44	8	Multi Purpose Training Facility	0	0	0							0
	<b>J - Fire</b>			<b>11,037,500</b>	<b>575,000</b>	<b>0</b>	<b>575,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>575,000</b>
48	1	Apparatus	2,000,000	0	0							0
49	2	Self-Contained Breathing Apparatus	1,575,000	0		0						0
51	3	Station Generators	80,000	0	0							0
52	4	Fire Station Major Improvements	100,000	0	0							0
53	5	Security/Fire System for Fire Resource Building	125,000	0	0							0
54	6	Fire Station Replacement	1,633,500	575,000	0	575,000						575,000
57	7	Nederman System	52,000	0	0							0
58	8	Burn Building	1,000,000	0	0							0
60	9	Turnout Gear	572,000	0	0							0
61	10	Fire Service Expansion	3,900,000	0	0							0
	<b>K - Public Works</b>			<b>84,938,241</b>	<b>31,119,621</b>	<b>2,080,000</b>	<b>5,275,000</b>	<b>0</b>	<b>1,243,542</b>	<b>605,000</b>	<b>21,916,079</b>	<b>31,119,621</b>
	<b>Public Works - Traffic</b>			<b>8,070,000</b>	<b>7,530,000</b>	<b>130,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>7,400,000</b>	<b>7,530,000</b>
65	1	Chattanooga Regional ITS System	7,400,000	7,400,000							7,400,000	7,400,000
66	2	New Traffic Signals and Major Repairs	150,000	50,000	50,000						0	50,000
67	3	T.E. - Loops and Pavement Marking	100,000	0	0						0	0
68	4	Signal Equip. Upgrades & Replacement	170,000	0	0						0	0
69	5	Traffic Signing Retroreflectivity Upgrades	150,000	0	0						0	0
70	6	Neighborhood Traffic Management	100,000	80,000	80,000						0	80,000
	<b>Public Works - Citywide Svcs</b>			<b>975,000</b>	<b>280,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>280,000</b>	<b>0</b>	<b>280,000</b>
71	1	Automated Brine Maker	100,000	0	0						0	0
72	2	Security Cameras	60,000	0	0						0	0
73	3	Pothole Patching Truck	175,000	0	0						0	0
74	4	Articulated Ag. Tractors	220,000	0	0						0	0

**RECOMMENDED FUNDING SOURCES**

Page#	Department Projects by Priority		Requested FY 12/13	Recommended FY12/13	General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	Sources Total FY12/13
75	5	Wheel Loaders	280,000	140,000	0				140,000	0	140,000
76	6	Asphalt Paver	140,000	140,000	0				140,000	0	140,000
77	7	Large Bucket Truck	0	0	0					0	0
78	8	Pothole Patching Truck	0	0	0					0	0
79	9	Heavy Haul Tractor	0	0	0					0	0
80	10	Dozer	0	0	0					0	0
81	11	Skid Steer Loader	0	0	0					0	0
82	12	Small Motor Grader	0	0	0					0	0
83	13	Dozer	0	0	0					0	0
84	14	Track Excavator	0	0	0					0	0
85	15	Crane Truck	0	0	0					0	0
86	16	Hydraulic Excavator	0	0	0					0	0
87	17	Road Reclaimer	0	0	0					0	0
88	18	Carpenter Shop	0	0	0					0	0
89	19	Skid Steer Loader	0	0	0					0	0
90	20	Motor Grader	0	0	0					0	0
	<b>Public Works - Engineering</b>		<b>75,893,241</b>	<b>23,309,621</b>	<b>1,950,000</b>	<b>5,275,000</b>	<b>0</b>	<b>1,243,542</b>	<b>325,000</b>	<b>14,516,079</b>	<b>23,309,621</b>
91	1	ESIP Connector Road Extension (Volunteer Ordin Connector)	12,500,000	12,500,000		1,250,000				11,250,000	12,500,000
92	2	VW SIA Road	600,000	600,000				300,000		300,000	600,000
93	3	Pavement Management	5,000,000	1,788,000	1,500,000					288,000	1,788,000
94	4	HC Rail Authority Railroad Rehab (replace RI -Goodwin Dr.)	2,750,000	2,750,000		2,750,000				0	2,750,000
96	5	Volkswagen Drive SIA Intersection Improvements2	300,000	475,000				475,000		0	475,000
97	6	Bonny Oaks Drive at Volkswagen Drive	175,000	0				0		0	0
98	7	Shallowford Road - Airport Road to Jerse Pike	1,928,410	0		0				0	0
99	8	Regional Address Project	350,000	350,000		0		350,000		0	350,000
100	9	Gunbarrel Road Widening at Mall Entrance	300,000	300,000		300,000				0	300,000
101	10	Shallowford Road Widening (NB I-75 Lifestyle Way)	400,000	400,000	300,000	0				100,000	400,000
102	11	Main Terrain Park	817,000	817,000				62,000	325,000	430,000	817,000
103	12	Central Avenue Extension	1,975,615	1,637,034				56,542		1,580,492	1,637,034
104	13	Central Avenue - 11th St. to Blackford St.	475,000	0	0					0	0
105	14	3rd/4th Street Widening Project	322,000	0	0					0	0
106	15	Fairmont Avenue	150,000	150,000		150,000				0	150,000
107	16	Bridge Repairs (city-owned)	400,000	0	0					0	0
108	17	Roundabout - Igou Gap Road and Jenkins Road	400,000	0		0				0	0
109	19	Manufacturers Road at US27 Off Ramp	655,000	0	0					0	0
110	20	Cassandra Smith Rd at Hamill Rd Intersection Impro	600,000	0	0					0	0
111	21	Roadway Slope Failures	2,500,000	0	0					0	0
112	22	CDBG Sidewalks	320,000	317,587	0					317,587	317,587
113	23	Gunbarrel Road - Shallowford to Standifer Gap	725,000	725,000		725,000				0	725,000
114	24	Manufacturer Rd/Hamm Rd Streetscape and Riverwalk	4,000,000	0	0					0	0
115	25	Hwy 58 Improvements Pedestrian and Bike Facilities	1,200,000	0	0					0	0
117	26	Streetscape - Main Street -	200,000	0	0					0	0
118	27	Brainerd Road Streetscape Eastgate Loop	1,500,000	0	0					0	0
119	28	Shallowford Rd Gunbarrel to Jenkins	100,000	0	0					0	0
120	29	Road Improvements - Igou Gap - West	500,000	0	0					0	0
121	30	Sidewalks	500,000	200,000	100,000	100,000				0	200,000
122	31	Roundabout - Jersey Pike at Hancock Road	65,000	0	0					0	0
123	32	Road Rehabilitation - South Terrace	400,000	0	0					0	0
124	33	Pedestrian Street Lights	210,216	0	0					0	0
125	34	Inventory System	100,000	0	0					0	0
126	35	Davidson Road Widening (Mackey Bridge to Julian Dr)	375,000	0	0					0	0

			RECOMMENDED FUNDING SOURCES								
Page#	Department Projects by Priority		Requested FY 12/13	Recommended FY12/13	General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	Sources Total FY12/13
127	36	Wilcox Tunnel Rehabilitation	32,000,000	0	0					0	0
129	37	Crest Road Rehabilitation Project	800,000	0	0					0	0
131	100	SRTS Sidewalk Projects	300,000	300,000	50,000					250,000	300,000
132	103	East Brainerd Road Improvements (Central - N. King	0	0	0					0	0
133	122	Downtown Intersection Improvements	0	0	0					0	0
134	136	Intersection Improvements - City-wide	0	0	0					0	0
135	139	Goodwin Drive (Gunbarrel - Hamilton Place Blvd)	0	0	0					0	0
136	205	Roundabout - Gadd Road at Norcross	0	0	0					0	0
137	208	TDOT - US127 Downtown Project	0	0	0					0	0
138	234	Road Rehabilitation - Glenwood Drive	0	0	0					0	0
139	241	Road Rehabilitation - Meadowbrook Heights S/D	0	0	0					0	0
140	250	Roundabout - Access Road at Hixson Pike	0	0	0					0	0
141	342	Streetscape - Market St (400 & 500 block)	0	0	0					0	0
142	343	Road Rehabilitation - Julian Road	0	0	0					0	0
143	345	Roundabout - N. Moore Road at Midland Pike	0	0	0					0	0
144	346	Road Rehabilitation - Hooker Road (Wilson Road to	0	0	0					0	0
145	348	Roundabout - Tennessee Avenue at W. 40th Street	0	0	0					0	0
146	449	Roundabout - Elder Mountain Road at Franklin Drive	0	0	0					0	0
147	451	Roundabout - Middle Valley Road at Lower Mill Road	0	0	0					0	0
148	452	Roundabout - Morrison Springs Road at Mountain Cre	0	0	0					0	0
149	453	Intersection Improvement - Florida Ave at Tenn	0	0	0					0	0
150	454	Gunbarrel Road - East Brainerd Road to Davidson	0	0	0					0	0
151	456	Concord Drive Roadway Improvements Franks - EBR	0	0	0					0	0
152	500	Road Rehabilitation - Mountain Creek Road	0	0	0					0	0
153	501	Wilcox Blvd - Greenwood Ave. to Shallowford Rd.	0	0	0					0	0
	<b>L - Parks</b>		<b>20,131,063</b>	<b>10,853,000</b>	<b>325,000</b>	<b>1,898,000</b>	<b>8,000,000</b>	<b>585,000</b>	<b>0</b>	<b>45,000</b>	<b>10,853,000</b>
156	1	S. Chickamauga Creek Greenway	298,163	140,000				140,000		0	140,000
158	2	Zoo Improvements	250,000	250,000	250,000					0	250,000
160	3	Hixson Recreation Center	1,400,000	1,400,000		1,400,000				0	1,400,000
162	4	Ross's Landing Riverfront Hardedge repairs	8,600,000	8,000,000	0		8,000,000				8,000,000
163	5	Ross's Landing Park Visitor Services	500,000	0				0		0	0
164	6	Montague Park Development	1,311,000	0	0					0	0
165	7	"Summit of Softball" Sports Complex	772,000	400,000	0			400,000		0	400,000
167	8	Tyner Tournament Ballfield Complex	1,100,000	0	0					0	0
168	9	Carver Recreation Pool	40,000	0	0					0	0
170	10	Public Art	100,000	0	0					0	0
172	11	TN Riverpark, C.B. Robinson Bridge River Crossing	475,000	0	0					0	0
173	12	Stringers Ridge Park	50,000	0	0					0	0
174	13	Lighting Improvements	200,000	0	0					0	0
175	14	Golf Equip/Landscap/Improv - Equipment	60,000	0	0					0	0
176	15	Paving	50,000	0	0					0	0
177	16	Roof Replacements	223,000	223,000		223,000				0	223,000
178	17	Paint & Rehabilitation	28,500	0	0					0	0
179	18	Tennis Court Rehabilitation	30,000	0	0					0	0
180	19	HVAC Systems	400,000	200,000		200,000				0	200,000
181	20	Playground Improvements	100,000	0	0					0	0
182	21	Fencing and Ballfield Backstops	44,400	0	0					0	0
183	22	Park Maintenance Equipment	130,000	0	0					0	0
184	23	Warner Park Improvements	60,000	0	0					0	0

			RECOMMENDED FUNDING SOURCES								
Page#	Department Projects by Priority		Requested FY 12/13	Recommended FY12/13	General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	Sources Total FY12/13
185	24	Warner Park Pool Improvements	250,000	0	0					0	0
186	25	Washington Hills Park	100,000	0	0					0	0
187	26	Heritage Park Development (Jenkins Rd.)	450,000	0	0					0	0
188	27	DuPont Park Development	50,000	0	0					0	0
190	28	John A. Patten Park - Restrooms	150,000	75,000		75,000				0	75,000
191	29	Phillip's Park Rose Garden	30,000	0	0					0	0
192	30	Brainerd RC Park	60,000	0	0					0	0
193	31	Playground Equipment	165,000	0	0					0	0
194	32	Carver Recreation Center	30,000	0	0					0	0
195	33	East Lake Park Enhancements	300,000	0	0					0	0
196	34	Boulevard Park Soccer Project	30,000	0	0					0	0
197	35	Patton Parkway Memorial Site Improvement	50,000	0	0					0	0
198	36	Parks Maintenance Facility (Watkins St. Office)	50,000	0	0					0	0
199	37	Skatepark Improvements	54,000	0	0					0	0
200	38	Recreation Center Expansion	150,000	0	0					0	0
201	39	N. Chatt Neighborhood Recreation Facility	500,000	0	0					0	0
202	40	Greenway Farm	175,000	0	0					0	0
203	41	St. Elmo Passive Park (Restrooms)	75,000	75,000	75,000					0	75,000
204	42	Walnut Street Bridge Relighting and Repainting	50,000	0	0					0	0
206	43	North Chickamauga Creek Greenway	1,000,000	0	0					0	0
207	44	ADA Repairs	100,000	0	0					0	0
208	45	1st Street Redesign	90,000	90,000			45,000			45,000	90,000
<b>M - Education, Arts, &amp; Culture</b>			<b>500,000</b>	<b>500,000</b>	<b>0</b>	<b>500,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>500,000</b>
211	1	Memorial Auditorium & Tivoli repair & Maintenance	500,000	500,000		500,000					500,000
214	2	Community Theatre Renovation	0	0	0						0
<b>Interceptor Sewer</b>			<b>61,647,653</b>	<b>38,450,000</b>	<b>0</b>	<b>33,100,000</b>	<b>0</b>	<b>0</b>	<b>5,350,000</b>	<b>0</b>	<b>38,450,000</b>
218	0	PS & CSO SCADA Replacement & Upgrade	3,500,000	3,500,000		3,500,000					3,500,000
219		Bar & Fine Screen Replacement @ MBWWTP	5,000,000	5,000,000		5,000,000					5,000,000
220		Upgrade & Replacement of Desinfection System	6,100,000	6,100,000		6,100,000					6,100,000
221		SEP Consent Decree	1,000,000	1,000,000	0			1,000,000			1,000,000
222		Construction Program Management	2,000,000	1,500,000				1,500,000			1,500,000
223		CMOM Projects	1,000,000	1,000,000				1,000,000			1,000,000
224		Citico Creek CSOTF PS (Study)	300,000	0							0
225		EQ Basin Blowers	0	0							0
226		Chattanooga Creek Interceptor Rehabilitation	0	0							0
227		Tannery Flats Rehabilitation	0	0							0
228		SSES Chattanooga Creek	0	0							0
229		SSES Dobbs Branch	0	0							0
230		SSES South Chickamauga Creek 1 & 5	0	0							0
231		Long Term Control Plan Update	350,000	350,000				350,000			350,000
232		Process Control Optimization	500,000	250,000				250,000			250,000
233	8	East Brainerd Sewer Basin	18,500,000	18,500,000		18,500,000					18,500,000
234	10	TDOT Projects / Contingency	2,000,000	1,000,000				1,000,000			1,000,000
235	11	DuPont PS Upgrade Phase I , II & III	21,114,000	0		0					0
236	12	Collegedale PS upgrade	0	0							0
237	15	Collegedale Interceptor and P/S (purchase)	33,653	0				0			0
238	16	MBWWTP Warehouse	0	0							0
239	17	Laboratory Upgrade	250,000	250,000				250,000			250,000
240	18	MBWWTP Water Reuse & Usage	0	0							0
241	22	Orchard Knob PS Upgrade	0	0							0
242	23	Spring Creek PS Upgrade	0	0							0
243	24	North Chattanooga Collection System Rehabilitation	0	0							0
244	28	Digester Gas Optimization	0	0							0
245	32	Lupton City Sewer Rehabilitation	0	0							0

			RECOMMENDED FUNDING SOURCES								
Page#	Department Projects by Priority		Requested FY 12/13	Recommended FY12/13	General Fund Cash/Reserves	Bonds/SRF	Hotel/Motel	Economic Dev	Other City Sources	External Sources	Sources Total FY12/13
246	33	West Tiftonia Connector	0	0							0
247	34	VAAP PS Upgrade	0	0							0
248	35	Friar Branch PS Upgrade	0	0							0
	<b>Solid Waste</b>		<b>1,063,000</b>	<b>350,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>350,000</b>	<b>0</b>	<b>350,000</b>
251	1	Automated Recycle Containers	300,000	300,000					300,000		300,000
252		Sanitary Landfill Equipment	293,000	0							0
253		Wood Compost Facility Equipment	380,000	0							0
254	5	Wood Compost Facility Motorized Gate	40,000	0							0
255	7	Gas Recovery City Landfill	50,000	50,000	0				50,000		50,000
	<b>Water Quality.</b>		<b>6,041,000</b>	<b>5,656,000</b>	<b>0</b>	<b>5,656,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>5,656,000</b>
258	1	Main Terrain Art Park	250,000	0		0					0
259	2	Wood Recycling Outfall Improvements	50,000	0		0					0
260	3	City Yards Outfall #2	35,000	0		0					0
261	4	Heavy Equipment	856,000	856,000		856,000					856,000
262	5	WPA System	600,000	600,000		600,000					600,000
263	6	3500 block Broad Street	800,000	800,000		800,000					800,000
264	7	Briarwood Circle	1,500,000	1,500,000		1,500,000					1,500,000
265	8	McCutcheon Road	750,000	750,000		750,000					750,000
266	9	Levee Certification & Repairs	400,000	400,000		400,000					400,000
267	10	LID Retrofit	500,000	500,000		500,000					500,000
268	11	floodplain modeling	250,000	250,000		250,000					250,000
269	12	Private Sanitary Service Lateral Repair	50,000	0		0					0
270	13	Aerial Photography	0	0	0						0
271	14	Watershed Baseline Studies	0	0	0						0
272	15	Flood Plain acquisition	0	0	0						0
273	16	Drainage system retrofit	0	0	0						0
274	17	Concord & Golf Streets	0	0	0						0
275	18	Latta Street	0	0	0						0
276	19	Marshall Avenue	0	0	0						0
277	20	Volunteer Drive	0	0	0						0
278	21	Westside Drive	0	0	0						0
279	22	US 27 downstream improvements	0	0	0						0
280	23	2800 block Hamby Circle	0	0	0						0
281	24	6700 block Standifer Gap Road	0	0	0						0
282	25	Infrared Survey	0	0	0						0
283	26	LIDAR topography updates	0	0	0						0
284	27	Hickory Valley Road	0	0	0						0



# 5 YEAR PLAN

RESOLUTION NO. \_\_\_\_\_

A RESOLUTION ADOPTING A FIVE-YEAR CAPITAL IMPROVEMENT PLAN FOR FISCAL YEARS 2013-2017, SUBJECT TO FUTURE REVISION; A COPY OF WHICH IS ATTACHED HERETO AND MADE A PART HEREOF BY REFERENCE.

---

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF CHATTANOOGA, TENNESSEE, That there be and is hereby adopted a five-year Capital Improvement Plan for Fiscal Years 2013-2017 for the City of Chattanooga, subject to future revisions; a copy of which is attached hereto and made a part hereof by reference.

ADOPTED: \_\_\_\_\_, 2012

Department	Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
General Government	3,250,000	2,250,000	500,000	500,000	500,000	7,000,000
General Svcs	2,321,000	2,095,000	2,000,000	0	0	6,416,000
Information Services	1,880,000	895,000	74,000	0	0	2,849,000
Police	100,000	495,000	1,070,000	670,000	495,000	2,830,000
Fire	575,000	2,900,000	1,810,000	3,492,000	3,182,000	11,959,000
Public Works	31,119,621	65,680,851	42,265,804	44,205,804	22,000,000	205,272,080
Parks	10,853,000	1,008,000	2,600,000	750,000	4,661,000	19,872,000
Education, Arts, & Culture	500,000	700,000	1,200,000	200,000	200,000	2,800,000
<b>Total General Funds</b>	<b>50,598,621</b>	<b>76,023,851</b>	<b>51,519,804</b>	<b>49,817,804</b>	<b>31,038,000</b>	<b>258,998,080</b>
<b>ENTERPRISE FUNDS:</b>						
Interceptor Sewer	38,450,000	43,664,000	30,000,000	20,600,000	17,350,000	150,064,000
Solid Waste	350,000	1,013,000	1,090,000	1,650,000	624,000	4,727,000
Water Quality	5,656,000	8,826,009	9,920,000	9,600,000	2,500,000	36,502,009
<b>Total Enterprise Funds</b>	<b>44,456,000</b>	<b>53,503,009</b>	<b>41,010,000</b>	<b>31,850,000</b>	<b>20,474,000</b>	<b>191,293,009</b>
<b>Total All Funds</b>	<b>95,054,621</b>	<b>129,526,860</b>	<b>92,529,804</b>	<b>81,667,804</b>	<b>51,512,000</b>	<b>450,291,089</b>

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
	<b>A - General Government</b>		<b>3,250,000</b>	<b>2,250,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>7,000,000</b>
11	1	Eastgate Branch Relocation	0	250,000	0	0	0	250,000
		Library - Central HVAC & Lighting	400,000	600,000	0	0	0	1,000,000
12	2	CARTA Match Funds	800,000	1,400,000	500,000	500,000	500,000	3,700,000
13	5	Fortwood Center	50,000	0	0	0	0	50,000
14	1	WellAdvantage Healthcare Center	2,000,000	0	0	0	0	2,000,000
	<b>G - General Svcs</b>		<b>2,321,000</b>	<b>2,095,000</b>	<b>2,000,000</b>	<b>0</b>	<b>0</b>	<b>6,416,000</b>
17	1	City Hall Campus	286,000	0	0	0	0	286,000
18	2	Bessie Smith Hall	35,000	0	0	0	0	35,000
19	3	Warehouse on Main Street	0	0	0	0	0	0
20	4	Brownfield Project	0	0	0	0	0	0
21	5	Fleet Leasing Program	2,000,000	2,095,000	2,000,000	0	0	6,095,000
	<b>A. - Information Services</b>		<b>1,880,000</b>	<b>895,000</b>	<b>74,000</b>	<b>0</b>	<b>0</b>	<b>2,849,000</b>
24	1	End of Life Network Infrastructure upgrade	255,000	170,000	74,000	0	0	499,000
27		Maintain Software currency (ERP only)	775,000	0	0	0	0	775,000
28		Phone system replacement	0	150,000	0	0	0	150,000
29		TimeClock implementation-Final phase	50,000	0	0	0	0	50,000
30		TORA ,upgrade end of life hardware,LINUX	0	375,000	0	0	0	375,000
31	2	HR Performance Mgt, Self-Service, HR service enhan	300,000	0	0	0	0	300,000
32		Wireless	500,000	200,000	0	0	0	700,000
	<b>H - Police</b>		<b>100,000</b>	<b>495,000</b>	<b>1,070,000</b>	<b>670,000</b>	<b>495,000</b>	<b>2,830,000</b>
37	1	Motorola Portable Digital Radios	0	95,000	95,000	95,000	95,000	380,000
38	2	In-car Laptop Computers	0	400,000	400,000	400,000	400,000	1,600,000
39	3	Whole Dehumidification System for Major Crimes (mold)	100,000	0	0	0	0	100,000
40	4	Police Service Center Parking Lots	0	0	400,000	0	0	400,000
41	5	Hamilton County 911 Chiller / Bldg Replace/Repair	0	0	0	0	0	0
42	6	Annex Renovation & Expansion	0	0	175,000	175,000	0	350,000
43	7	Range	0	0	0	0	0	0
44	8	Multi Purpose Training Facility	0	0	0	0	0	0
	<b>J - Fire</b>		<b>575,000</b>	<b>2,900,000</b>	<b>1,810,000</b>	<b>3,492,000</b>	<b>3,182,000</b>	<b>11,959,000</b>
48	1	Apparatus	0	0	500,000	500,000	1,000,000	2,000,000
49	2	Self-Contained Breathing Apparatus	0	0	0	0	0	0
51	3	Station Generators	0	0	160,000	80,000	80,000	320,000
52	4	Fire Station Major Improvements	0	0	150,000	50,000	50,000	250,000
53	5	Security/Fire System for Fire Resource Building	0	0	0	0	0	0
54	6	Fire Station Replacement	575,000	0	0	0	0	575,000
57	7	Nederman System	0	0	0	0	52,000	52,000
58	8	Burn Building	0	0	0	0	0	0
60	9	Turnout Gear	0	0	0	572,000	0	572,000
61	10	Fire Service Expansion	0	2,900,000	1,000,000	2,290,000	2,000,000	8,190,000

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
	<b>K - Public Works</b>		<b>31,119,621</b>	<b>65,680,851</b>	<b>42,265,804</b>	<b>44,205,804</b>	<b>22,000,000</b>	<b>205,272,080</b>
	<b>Public Works - Traffic</b>		7,530,000	7,250,000	7,650,000	7,650,000	150,000	30,230,000
65	1	Chattanooga Regional ITS System	<b>7,400,000</b>	<b>7,000,000</b>	<b>7,500,000</b>	<b>7,500,000</b>	0	29,400,000
66	2	New Traffic Signals and Major Repairs	50,000	100,000	100,000	100,000	100,000	450,000
67	3	T.E. - Loops and Pavement Marking	0	0	0	0	0	0
68	4	Signal Equip. Upgrades & Replacement	0	0	0	0	0	0
69	5	Traffic Signing Retroreflectivity Upgrades	0	150,000	50,000	50,000	50,000	300,000
70	6	Neighborhood Traffic Management	80,000	0	0	0	0	80,000
	<b>Public Works - Citywide Svcs</b>		280,000	1,015,000	820,000	350,000	0	2,465,000
71	1	Automated Brine Maker	0	100,000	0	0	0	100,000
72	2	Security Cameras	0	60,000	0	0	0	60,000
73	3	Pothole Patching Truck	0	175,000	0	0	0	175,000
74	4	Articulated Ag. Tractors	0	220,000	0	0	0	220,000
75	5	Wheel Loaders	140,000	140,000	0	0	0	280,000
76	6	Asphalt Paver	140,000	0	0	0	0	140,000
77	7	Large Bucket Truck	0	145,000	0	0	0	145,000
78	8	Pothole Patching Truck	0	175,000	0	0	0	175,000
79	9	Heavy Haul Tractor	0	0	150,000	0	0	150,000
80	10	Dozer	0	0	125,000	0	0	125,000
81	11	Skid Steer Loader	0	0	120,000	0	0	120,000
82	12	Small Motor Grader	0	0	125,000	0	0	125,000
83	13	Dozer	0	0	300,000	0	0	300,000
84	14	Track Excavator	0	0	0	350,000	0	350,000
85	15	Crane Truck	0	0	0	0	0	0
86	16	Hydraulic Excavator	0	0	0	0	0	0
87	17	Road Reclaimer	0	0	0	0	0	0
88	18	Carpenter Shop	0	0	0	0	0	0
89	19	Skid Steer Loader	0	0	0	0	0	0
90	20	Motor Grader	0	0	0	0	0	0
	<b>Public Works - Engineering</b>		<b>23,309,621</b>	<b>57,415,851</b>	<b>33,795,804</b>	<b>36,205,804</b>	<b>21,850,000</b>	<b>172,577,080</b>
91	1	ESIP Connector Road Extension (Volunteer Ordin Connector)	12,500,000	9,000,000				21,500,000
92	2	VW SIA Road	<b>600,000</b>	<b>600,000</b>	<b>6,000,000</b>	<b>0</b>	<b>0</b>	7,200,000
93	3	Pavement Management	1,788,000	2,000,000	2,000,000	2,000,000	2,000,000	9,788,000
94	4	Road Improvements - Goodwin Drive	2,750,000	0	0	0	0	2,750,000
96	5	Volkswagen Drive SIA Intersection Improvements2	475,000	0	0	0	0	475,000
97	6	Bonny Oaks Drive at Volkswagen Drive	0	0	0	0	0	0
98	7	Shallowford Road - Airport Road to Jersey Pike	<b>0</b>	<b>2,515,470</b>	<b>8,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	20,515,470
99	8	Regional Address Project	350,000	0	0	0	0	350,000
100	9	Gunbarrel Road Widening at Mall Entrance	300,000	0	0	0	0	300,000
101	10	Shallowford Road Widening (NB I-75 Lifestyle Way)	400,000	0	0	0	0	400,000

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
102	11	Main Terrain Park	817,000	0	0	0	0	817,000
103	12	Central Avenue Extension	<b>1,637,034</b>	<b>338,581</b>	<b>2,605,804</b>	<b>2,605,804</b>	<b>0</b>	7,187,223
104	13	Central Avenue - 11th St. to Blackford St.	0	475,000	0	1,000,000	3,250,000	4,725,000
105	14	3rd/4th Street Widening Project	<b>0</b>	<b>322,000</b>	<b>1,000,000</b>	<b>10,000,000</b>	<b>0</b>	11,322,000
106	15	Fairmont Avenue	150,000	0	0	0	0	150,000
107	16	Bridge Repairs (city-owned)	0	400,000	400,000	300,000	250,000	1,350,000
108	17	Roundabout - Igou Gap Road and Jenkins Road	0	400,000	650,000	0	0	1,050,000
109	19	Manufacturers Road at US27 Off Ramp	0	1,164,800	0	0	0	1,164,800
110	20	Cassandra Smith Rd at Hamill Rd Intersection Impro	0	0	0	600,000	0	600,000
111	21	Roadway Slope Failures	0	0	1,500,000	1,500,000	1,000,000	4,000,000
112	22	CDBG Sidewalks	<b>317,587</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	<b>300,000</b>	1,517,587
113	23	Gunbarrel Road - Shallowford to Standifer Gap	725,000	1,000,000	1,750,000	1,000,000	0	4,475,000
114	24	Manufacturer Rd/Hamm Rd Streetscape and Riverwalk	<b>0</b>	<b>4,000,000</b>	<b>1,200,000</b>	<b>2,000,000</b>	<b>3,400,000</b>	10,600,000
115	25	Hwy 58 Improvements Pedestrian and Bike Facilities	<b>0</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>1,200,000</b>	<b>0</b>	3,600,000
117	26	Streetscape - Main Street -	0	0	0	200,000	200,000	400,000
118	27	Brainerd Road Streetscape Eastgate Loop	<b>0</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>1,500,000</b>	<b>0</b>	4,500,000
119	28	Shallowford Rd Gunbarrel to Jenkins	0	100,000	0	0	0	100,000
120	29	Road Improvements - Igou Gap - West	0	0	0	500,000	1,200,000	1,700,000
121	30	Sidewalks	200,000	0	0	500,000	0	700,000
122	31	Roundabout - Jersey Pike at Hancock Road	0	0	65,000	750,000	0	815,000
123	32	Road Rehabilitation - South Terrace	0	0	0	0	0	0
124	33	Pedestrian Street Lights	0	0	0	0	0	0
125	34	Inventory System	0	100,000	0	0	0	100,000
126	35	Davidson Road Widening (Mackey Bridge to Julian Dr)	0	0	375,000	0	0	375,000
127	36	Wilcox Tunnel Rehabilitation	<b>0</b>	<b>32,000,000</b>	5,000,000	5,000,000	5,000,000	47,000,000
129	37	Crest Road Rehabilitation Project	0	0	0	0	0	0
131	100	SRTS Sidewalk Projects	300,000	0	<b>250,000</b>	<b>250,000</b>	<b>250,000</b>	1,050,000
132	103	East Brainerd Road Improvements (Central - N. King	0	0	0	0	0	0
133	122	Downtown Intersection Improvements	0	0	0	0	0	0
134	136	Intersection Improvements - City-wide	0	0	0	0	0	0
135	139	Goodwin Drive (Gunbarrel - Hamilton Place Blvd)	0	0	0	0	0	0
136	205	Roundabout - Gadd Road at Norcross	0	0	0	0	0	0
137	208	TDOT - US127 Downtown Project	0	0	0	0	0	0
138	234	Road Rehabilitation - Glenwood Drive	0	0	0	0	0	0
139	241	Road Rehabilitation - Meadowbrook Heights S/D	0	0	0	0	0	0
140	250	Roundabout - Access Road at Hixson Pike	0	0	0	0	0	0
141	342	Streetscape - Market St (400 & 500 block)	0	0	0	0	0	0
142	343	Road Rehabilitation - Julian Road	0	0	0	0	0	0
143	345	Roundabout - N. Moore Road at Midland Pike	0	0	0	0	0	0
144	346	Road Rehabilitation - Hooker Road (Wilson Road to	0	0	0	0	0	0
145	348	Roundabout - Tennessee Avenue at W. 40th Street	0	0	0	0	0	0
146	449	Roundabout - Elder Mountain Road at Franklin Drive	0	0	0	0	0	0
147	451	Roundabout - Middle Valley Road at Lower Mill Road	0	0	0	0	0	0

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
148	452	Roundabout - Morrison Springs Road at Mountain Cre	0	0	0	0	0	0
149	453	Intersection Improvement - Florida Ave at Tenn	0	0	0	0	0	0
150	454	Gunbarrel Road - East Brainerd Road to Davidson	0	0	0	0	0	0
151	456	Concord Drive Roadway Improvements Franks - EBR	0	0	0	0	0	0
152	500	Road Rehabilitation - Mountain Creek Road	0	0	0	0	0	0
153	501	Wilcox Blvd - Greenwood Ave. to Shallowford Rd.	0	0	0	0	0	0
	<b>L - Parks</b>		<b>10,853,000</b>	<b>1,008,000</b>	<b>2,600,000</b>	<b>750,000</b>	<b>4,661,000</b>	<b>19,872,000</b>
156	1	S. Chickamauga Creek Greenway	140,000	158,000	1,050,000	500,000	1,000,000	2,848,000
158	2	Zoo Improvements	250,000	250,000	250,000	250,000	250,000	1,250,000
160	3	Hixson Recreation Center	1,400,000	0	1,300,000	0	500,000	3,200,000
162	4	Ross's Landing Riverfront Hardedge repairs	8,000,000	600,000	0	0	0	8,600,000
163	5	Ross's Landing Park Visitor Services	0	0	0	0	500,000	500,000
164	6	Montague Park Development	0	0	0	0	1,311,000	1,311,000
165	7	"Summit of Softball" Sports Complex	400,000	0	0	0	0	400,000
167	8	Tyner Tournament Ballfield Complex	0	0	0	0	1,100,000	1,100,000
168	9	Carver Recreation Pool	0	0	0	0	0	0
170	10	Public Art	0	0	0	0	0	0
172	11	TN Riverpark, C.B. Robinson Bridge River Crossing	0	0	0	0	0	0
173	12	Stringers Ridge Park	0	0	0	0	0	0
174	13	Lighting Improvements	0	0	0	0	0	0
175	14	Golf Equip/Landscap/Improv - Equipment	0	0	0	0	0	0
176	15	Paving	0	0	0	0	0	0
177	16	Roof Replacements	223,000	0	0	0	0	223,000
178	17	Paint & Rehabilitation	0	0	0	0	0	0
179	18	Tennis Court Rehabilitation	0	0	0	0	0	0
180	19	HVAC Systems	200,000	0	0	0	0	200,000
181	20	Playground Improvements	0	0	0	0	0	0
182	21	Fencing and Ballfield Backstops	0	0	0	0	0	0
183	22	Park Maintenance Equipment	0	0	0	0	0	0
184	23	Warner Park Improvements	0	0	0	0	0	0
185	24	Warner Park Pool Improvements	0	0	0	0	0	0
186	25	Washington Hills Park	0	0	0	0	0	0
187	26	Heritage Park Development (Jenkins Rd.)	0	0	0	0	0	0
188	27	DuPont Park Development	0	0	0	0	0	0
190	28	John A. Patten Park - Restrooms	75,000	0	0	0	0	75,000
191	29	Phillip's Park Rose Garden	0	0	0	0	0	0
192	30	Brainerd RC Park	0	0	0	0	0	0
193	31	Playground Equipment	0	0	0	0	0	0

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
194	32	Carver Recreation Center	0	0	0	0	0	0
195	33	East Lake Park Enhancements	0	0	0	0	0	0
196	34	Boulevard Park Soccer Project	0	0	0	0	0	0
197	35	Patton Parkway Memorial Site Improvement	0	0	0	0	0	0
198	36	Parks Maintenance Facility (Watkins St. Office)	0	0	0	0	0	0
199	37	Skatepark Improvements	0	0	0	0	0	0
200	38	Recreation Center Expansion	0	0	0	0	0	0
201	39	N. Chatt Neighborhood Recreation Facility	0	0	0	0	0	0
202	40	Greenway Farm	0	0	0	0	0	0
203	41	St. Elmo Passive Park (Restrooms)	75,000	0	0	0	0	75,000
204	42	Walnut Street Bridge Relighting and Repainting	0	0	0	0	0	0
206	43	North Chickamauga Creek Greenway	0	0	0	0	0	0
207	44	ADA Repairs	0	0	0	0	0	0
208	45	1st Street Redesign	90,000	0	0	0	0	90,000
<b>M - Education, Arts, &amp; Culture</b>			<b>500,000</b>	<b>700,000</b>	<b>1,200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>2,800,000</b>
211	1	Memorial Auditorium & Tivoli repair & Maintenance	500,000	200,000	200,000	200,000	200,000	1,300,000
214	2	Community Theatre Renovation	0	500,000	1,000,000	0	0	1,500,000
<b>Interceptor Sewer</b>			<b>38,450,000</b>	<b>43,664,000</b>	<b>30,000,000</b>	<b>20,600,000</b>	<b>17,350,000</b>	<b>150,064,000</b>
218	0	PS & CSO SCADA Replacement & Upgrade	3,500,000	0	0	0	0	3,500,000
219		Bar & Fine Screen Replacement @ MBWWTP	5,000,000	0	0	0	0	5,000,000
220		Upgrade & Replacement of Disinfection System	6,100,000	0	0	0	0	6,100,000
221		SEP Consent Decree	1,000,000	0	0	0	0	1,000,000
222		Construction Program Management	1,500,000	2,500,000	2,000,000	2,000,000	2,000,000	10,000,000
223		CMOM Projects	1,000,000	0	0	0	0	1,000,000
224		Citico Creek CSOTF PS (Study)	0	300,000	0	0	0	300,000
225		EQ Basin Blowers	0	3,500,000	0	0	0	3,500,000
226		Chattanooga Creek Interceptor Rehabilitation	0	0	4,000,000	0	0	4,000,000
227		Tannery Flats Rehabilitation	0	0	1,000,000	0	0	1,000,000
228		SSES Chattanooga Creek	0	0	0	3,300,000	0	3,300,000
229		SSES Dobbs Branch	0	0	0	2,400,000	0	2,400,000
230		SSES South Chickamauga Creek 1 & 5	0	0	0	8,900,000	0	8,900,000
231		Long Term Control Plan Update	350,000	0	0	0	0	350,000
232		Process Control Optimization	250,000	250,000	0	0	0	500,000
233	8	East Brainerd Sewer Basin	18,500,000	0	0	0	0	18,500,000
234	10	TDOT Projects / Contingency	1,000,000	1,000,000	0	0	0	2,000,000
235	11	DuPont PS Upgrade Phase I , II & III	0	21,114,000	0	0	0	21,114,000
236	12	Collegedale PS upgrade	0	5,000,000	0	0	0	5,000,000
237	15	Collegedale Interceptor and P/S (purchase)	0	0	0	0	0	0
238	16	MBWWTP Warehouse	0	0	2,000,000	0	0	2,000,000
239	17	Laboratory Upgrade	250,000	0	0	0	0	250,000
240	18	MBWWTP Water Reuse & Usage	0	0	2,000,000	0	0	2,000,000
241	22	Orchard Knob PS Upgrade	0	0	5,000,000	0	0	5,000,000
242	23	Spring Creek PS Upgrade	0	0	0	4,000,000	0	4,000,000

Page#	Department Projects by Priority		Recommended FY12/13	Recommended FY13/14	Recommended FY14/15	Recommended FY15/16	Recommended FY16/17	5 Year Plan Total
243	24	North Chattanooga Collection System Rehabilitation	0	0	0	0	5,000,000	5,000,000
244	28	Digester Gas Optimization	0	0	4,000,000	0	6,000,000	10,000,000
245	32	Lupton City Sewer Rehabilitation	0	0	0	0	3,000,000	3,000,000
246	33	West Tiftonia Connector	0	0	0	0	350,000	350,000
247	34	VAAP PS Upgrade	0	0	0	0	1,000,000	1,000,000
248	35	Friar Branch PS Upgrade	0	10,000,000	10,000,000	0	0	20,000,000
	<b>Solid Waste</b>		<b>350,000</b>	<b>1,013,000</b>	<b>1,090,000</b>	<b>1,650,000</b>	<b>624,000</b>	<b>4,727,000</b>
251	1	Automated Recycle Containers	300,000	300,000	300,000	0	0	900,000
252		Sanitary Landfill Equipment	0	293,000	240,000	800,000	624,000	1,957,000
253		Wood Compost Facility Equipment	0	380,000	550,000	850,000	0	1,780,000
254	5	Wood Compost Facility Motorized Gate	0	40,000	0	0	0	40,000
255	7	Gas Recovery City Landfill	50,000	0	0	0	0	50,000
	<b>Water Quality.</b>		<b>5,656,000</b>	<b>8,826,009</b>	<b>9,920,000</b>	<b>9,600,000</b>	<b>2,500,000</b>	<b>36,502,009</b>
258	1	Main Terrain Art Park	0	0	0	0	0	0
259	2	Wood Recycling Outfall Improvements	0	0	0	0	0	0
260	3	City Yards Outfall #2	0	0	0	0	0	0
261	4	Heavy Equipment	856,000	826,000	265,000	225,000	0	2,172,000
262	5	WPA System	600,000	1,000,000	1,000,000	1,000,000	1,000,000	4,600,000
263	6	3500 block Broad Street	800,000	4,500,000	5,000,000	0	0	10,300,000
264	7	Briarwood Circle	1,500,000	0	0	0	0	1,500,000
265	8	McCutcheon Road	750,000	0	0	0	0	750,000
266	9	Levee Certification & Repairs	400,000	1,000,000	0	0	0	1,400,000
267	10	LID Retrofit	500,000	0	0	0	0	500,000
268	11	floodplain modeling	250,000	250,000	250,000	250,000	250,000	1,250,000
269	12	Private Sanitary Service Lateral Repair	0	0	0	0	0	0
270	13	Aerial Photography	0	0	350,000	350,000	0	700,000
271	14	Watershed Baseline Studies	0	0	100,000	100,000	0	200,000
272	15	Flood Plain acquisition	0	1,000,000	1,000,000	1,000,000	1,000,000	4,000,000
273	16	Drainage system retrofit	0	250,000	250,000	250,000	250,000	1,000,000
274	17	Concord & Golf Streets	0	0	170,000	0	0	170,000
275	18	Latta Street	0	0	180,000	0	0	180,000
276	19	Marshall Avenue	0	0	85,000	0	0	85,000
277	20	Volunteer Drive	0	0	100,000	0	0	100,000
278	21	Westside Drive	0	0	120,000	0	0	120,000
279	22	US 27 downstream improvements	0	0	1,000,000	0	0	1,000,000
280	23	2800 block Hamby Circle	0	9	25,000	125,000	0	150,009
281	24	6700 block Standifer Gap Road	0	0	25,000	400,000	0	425,000
282	25	Infrared Survey	0	0	0	100,000	0	100,000
283	26	LIDAR topography updates	0	0	0	300,000	0	300,000
284	27	Hickory Valley Road	0	0	0	5,500,000	0	5,500,000