



	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	133,341,838	19,797,000
<b>Total Revenues</b>	<b><u>133,341,838</u></b>	<b><u>19,797,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	10,187,896	950,000
Land Acquisition	15,386,986	320,000
Contract Construction	107,766,956	15,250,000
Capital Acquisitions		3,277,000
<b>Total Expenditures</b>	<b><u>133,341,838</u></b>	<b><u>19,797,000</u></b>

**Project Name**     Drainage - ST  
**Project Number**   ST03006  
**Division Priority**   1

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	56,310,744	5,000,000
<b>Total Revenues</b>	<b><u>56,310,744</u></b>	<b><u>5,000,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,305,980	500,000
Land Acquisition	14450,986	0
Contract Construction	40,553,778	4,500,000
<b>Total Expenditures</b>	<b><u>56,310,744</u></b>	<b><u>5,000,000</u></b>

**Project Description / Justification:**

This project provides funds for improvements to existing drainage systems throughout the City. All unappropriated allocations are tied to projects previously approved by the Council on an individual basis and are now under design.

**Operating Budget Impact:**

None

Project Name Major Drainage Rehab/Replace  
 Project Number ST03098  
 Division Priority 2

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	24,406,310	5,000,000
<b>Total Revenues</b>	<b><u>24,406,310</u></b>	<b><u>5,000,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	3,106,310	0
Contract Construction	21,300,000	5,000,000
<b>Total Expenditures</b>	<b><u>24,406,310</u></b>	<b><u>5,000,000</u></b>

**Project Description / Justification:**

This project will provide funding for Major Drainage Rehabilitation that includes the improvement or replacement of major drainage infrastructure throughout the City of Memphis.

**Operating Budget Impact:**

None

**Project Name** Environmental Permitting - ST  
**Project Number** ST04041  
**Division Priority** 3

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,649,487	200,000
<b>Total Revenues</b>	<b><u>1,649,487</u></b>	<b><u>200,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,649,487	200,000
<b>Total Expenditures</b>	<b><u>1,649,487</u></b>	<b><u>200,000</u></b>

**Project Description / Justification:**

This project provides funds for the expenses associated with the Tennessee Department of Environment and Conservation permitting and environmental mitigation requirements for various City capital improvement projects.

**Operating Budget Impact:**

None

**Project Name** Bridge Repair Storm Water  
**Project Number** ST03083  
**Division Priority** 4

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	10,292,559	400,000
<b>Total Revenues</b>	<b><u>10,292,559</u></b>	<b><u>400,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	529,431	50,000
Land Acquisition	556,000	50,000
Contract Construction	9,207,128	300,000
<b>Total Expenditures</b>	<b><u>10,292,559</u></b>	<b><u>400,000</u></b>

**Project Description / Justification:**

This project provides funding for storm water related repairs and improvements to the City's 350 existing bridges. Two to three major projects and several smaller projects are expected each year. The types of projects anticipated include channel improvements to enhance storm water flow, rip rap placement and scour protection.

**Operating Budget Impact:**  
 None

Project Name Flood Control - ST  
 Project Number ST03059  
 Division Priority 5

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	6,574,998	1,000,000
<b>Total Revenues</b>	<b>6,574,998</b>	<b>1,000,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	199,948	0
Contract Construction	6,375,050	1,000,000
<b>Total Expenditures</b>	<b>6,574,998</b>	<b>1,000,000</b>

**Project Description / Justification:**

This project provides funds for the rehabilitation of existing flood control pumping stations.

**Operating Budget Impact:**

None

**Project Name**      Stormwater Pollution - ST  
**Project Number**    ST04038  
**Division Priority**    6

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	11,500,000	500,000
<b>Total Revenues</b>	<b><u>11,500,000</u></b>	<b><u>500,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	1,700,000	100,000
Contract Construction	9,800,000	400,000
<b>Total Expenditures</b>	<b><u>11,500,000</u></b>	<b><u>500,000</u></b>

**Project Description / Justification:**

This project provides funds for the construction of stormwater pollution treatment units such as screens, retention ponds, and clarifiers on various storm drains as required by EPA.

**Operating Budget Impact:**

None

**Project Name**      Curb and Gutter - ST  
**Project Number**   ST04010  
**Division Priority**   7

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	5,491,320	2,500,000
<b>Total Revenues</b>	<b><u>5,491,320</u></b>	<b><u>2,500,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	261,320	50,000
Land Development	0	0
Contract Construction	5,230,000	2,450,000
<b>Total Expenditures</b>	<b><u>5,491,320</u></b>	<b><u>2,500,000</u></b>

**Project Description / Justification:**

This project provides funds for the repair and replacement of curbs and gutters throughout the City.

**Operating Budget Impact:**

None

Project Name Airways over Nonconnah  
 Project Number ST03111  
 Division Priority 8

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	10,647,460	0
<b>Total Revenues</b>	<b><u>10,647,460</u></b>	<b><u>0</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	647,460	0
Contract Construction	10,000,000	0
<b>Total Expenditures</b>	<b><u>10,647,460</u></b>	<b><u>0</u></b>

**Project Description / Justification:**

Using reprogram funds, replace the existing Airways Bridge over Nonconnah Creek which the State has determined to have structural deficiencies due to stream channel degradation.

**Operating Budget Impact:**

None.

**Project Name**     Bartlett Rd/Fletcher - ST  
**Project Number**   ST01089  
**Division Priority**   9

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	4,668,960	1,470,000
<b>Total Revenues</b>	<b><u>4,668,960</u></b>	<b><u>1,470,000</u></b>
<b>Expenditure Types</b>		
Engineering - Architecture	638,960	0
Land Acquisition	230,000	270,000
Contract Construction	3,800,000	1,200,000
<b>Total Expenditures</b>	<b><u>4,668,960</u></b>	<b><u>1,470,000</u></b>

**Project Description / Justification:**

This project provides funds for improvements to Bartlett Road that creates a three-lane roadway. This is due in large part to the recent widening of Raleigh LaGrange Road and the scheduled widening of Summer Avenue by TDOT, which is expected to create an increase in traffic on Bartlett Road. The bridge near Fletcher Creek is also in need of replacement. Adjustments to the channel are required to conform to Fletcher Creek Storm Water Project which will begin in FY 2013.

**Operating Budget Impact:**

None

**Project Name**      Gayoso Bayou Culvert - ST  
**Project Number**   ST03021  
**Division Priority**   10

	<b>Reprogram</b>	<b>FY 2013</b>
<b>Revenue Sources</b>		
General Obligation Bonds	800,000	0
<b>Total Revenues</b>	<b>800,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0)	0
Land Acquisition	150,000	0
Contract Construction	650,000	0
<b>Total Expenditures</b>	<b>800,000</b>	<b>0</b>

**Project Description / Justification:**

Gayoso Bayou (reprogram funds) provides drainage for the majority of the downtown area. It was constructed over 100 years ago and the segment at Washington Ave where Wendy's is located is in need of replacement.

**Operating Budget Impact:**

None

**Project Name**     Watkins Storm Water  
**Project Number**   ST03084  
**Division Priority**   11

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	0	450,000
<b>Total Revenues</b>	<b>0</b>	<b>450,000</b>
<b>Expenditure Types</b>		
Engineering - Architecture	0	50,000
Contract Construction	0	400,000
<b>Total Expenditures</b>	<b>0</b>	<b>450,000</b>

**Project Description / Justification:**

This project provides funds for the replacement of Watkins Bridge over Cypress Creek. The existing bridge has been rated "Scour Critical" by the State. The channel has degraded significantly over the years threatening the bridge piers and the embankments are failing. The replacement bridge will span the creek without piers in the channel which impede storm water flow.

**Operating Budget Impact:**

None

Project Name      Subdivision Drainage - ST  
 Project Number   ST03008  
 Division Priority   12

	<u>Reprogram</u>	<u>FY 2013</u>
<b>Revenue Sources</b>		
General Obligation Bonds	1,000,000	0
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>
<b>Expenditure Types</b>		
Engineering - Architecture	149,000	0
Contract Construction	851,000	0
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>

**Project Description / Justification:**

This project provides funds for drainage projects in new developments. The developer is responsible for the costs of the first 100 square feet of any cross-sectional area of a drainage ditch. Any cost beyond the 100 square feet are covered by the City through this project.

**Operating Budget Impact:**

None



# CIP SUMMARY BY DIVISION

# STORM WATER

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	133,341,838	19,797,000	14,600,000	15,600,000	15,100,000	15,150,000	213,588,838
<b>Total Revenues</b>	<b>133,341,838</b>	<b>19,797,000</b>	<b>18,600,000</b>	<b>15,600,000</b>	<b>15,100,000</b>	<b>15,150,000</b>	<b>213,588,838</b>
<b>Expenditure Types</b>							
Engineering - Architecture	10,187,896	950,000	900,000	950,000	950,000	1,000,000	14,937,896
Land Acquisition	15,386,986	320,000	50,000	50,000	50,000	50,000	15,906,986
Contract Construction	107,766,956	15,250,000	13,650,000	14,600,000	14,100,000	14,100,000	179,466,956
Capital Acquisitions		3,277,000					3,277,000
<b>Total Expenditures</b>	<b>133,341,838</b>	<b>19,797,000</b>	<b>14,600,000</b>	<b>15,600,000</b>	<b>15,100,000</b>	<b>15,150,000</b>	<b>213,588,838</b>



# CIP SUMMARY BY PROJECT

# STORM WATER

Division Priority	Project Number	Project Name	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
1	ST03006	Drainage - ST	56,310,744	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	81,310,744
2	ST03098	Major Drainage Rehab/ Replace	24,406,310	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	49,406,310
3	ST04041	Environmental Permitting - ST	1,649,487	200,000	200,000	200,000	200,000	50,000	2,499,487
4	ST03083	Bridge Repair Storm Water	10,292,559	400,000	400,000	400,000	400,000	400,000	12,292,559
5	ST03059	Flood Control - ST	6,574,998	1,000,000	1,000,000	1,000,000	500,000	700,000	10,074,998
6	ST04038	Stormwater Pollution - ST	11,500,000	500,000	500,000	500,000	500,000	500,000	14,000,000
7	ST04010	Curb and Gutter - ST	5,491,320	2,500,000	2,500,000	3,500,000	3,500,000	3,500,000	20,991,320
8	ST03111	Airways over Nonconnah	10,647,460	0	0	0	0	0	10,647,460
9	ST01089	Bartlett Rd/Fletcher - ST	4,668,960	1,470,000	0	0	0	0	6,138,960
10	ST03021	Gayoso Bayou Culvert - ST	800,000	0	0	0	0	0	800,000
11	ST03084	Watkins Storm Water	0	450,000	0	0	0	0	450,000
12	ST03008	Subdivision Drainage - ST	1,000,000	0	0	0	0	0	1,000,000
	ST05007	Capital Acquisition	0	3,277,000	0	0	0	0	3,277,000
<b>Total</b>			<b>133,341,838</b>	<b>19,797,000</b>	<b>14,600,000</b>	<b>15,600,000</b>	<b>15,100,000</b>	<b>15,150,000</b>	<b>213,588,838</b>



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**     Drainage - ST  
**Project Number**   ST03006  
**Division Priority**   1

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	56,310,744	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	81,310,744
<b>Total Revenues</b>	<b>56,310,744</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>81,370,744</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,305,980	500,000	500,000	500,000	500,000	500,000	3,805,980
Land Acquisition	14,450,986	0	0	0	0	0	14,450,986
Contract Construction	40,553,778	4,500,000	4,500,000	4,500,000	4,500,000	4,500,000	63,053,778
<b>Total Expenditures</b>	<b>56,310,744</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>81,310,744</b>

**Project Description / Justification:**

This project provides funds for improvements to existing drainage systems throughout the City. All unappropriated allocations are tied to projects previously approved by the Council on an individual basis and are now under design.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Major Drainage Rehab/Replace  
**Project Number** ST03098  
**Division Priority** 2

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	24,406,310	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	49,406,310
<b>Total Revenues</b>	<b>24,406,310</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>49,406,310</b>
<b>Expenditure Types</b>							
Engineering - Architecture	3,106,310	0	0	0	0	0	3,106,310
Contract Construction	21,300,000	5,000,000	5,000,000	5,000,000	5,000,000	5,000,000	46,300,000
<b>Total Expenditures</b>	<b>24,406,310</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>5,000,000</b>	<b>49,406,310</b>

**Project Description / Justification:**

This project will provide funding for Major Drainage Rehabilitation that includes the improvement or replacement of major drainage infrastructure throughout the City of Memphis.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Environmental Permitting - ST  
**Project Number** ST04041  
**Division Priority** 3

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,649,487	200,000	200,000	200,000	200,000	50,000	2,499,487
<b>Total Revenues</b>	<b>1,649,487</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>50,000</b>	<b>2,499,487</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,649,487	200,000	200,000	200,000	200,000	50,000	2,499,487
<b>Total Expenditures</b>	<b>1,649,487</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>200,000</b>	<b>50,000</b>	<b>2,499,487</b>

**Project Description / Justification:**

This project provides funds for the expenses associated with the Tennessee Department of Environment and Conservation permitting and environmental mitigation requirements for various City capital improvement projects.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Bridge Repair Storm Water  
**Project Number** ST03083  
**Division Priority** 4

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	10,292,559	400,000	400,000	400,000	400,000	400,000	12,292,559
<b>Total Revenues</b>	<b>10,292,559</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>12,292,559</b>
<b>Expenditure Types</b>							
Engineering - Architecture	529,4310	50,000	50,000	50,000	50,000	50,000	779,431
Land Acquisition	556,000	50,000	50,000	50,000	50,000	50,000	806,000
Contract Construction	9,207,128	300,000	300,000	300,000	300,000	300,000	10,707,128
<b>Total Expenditures</b>	<b>10,292,559</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>400,000</b>	<b>12,292,559</b>

**Project Description / Justification:**

This project provides funding for storm water related repairs and improvements to the City's 350 existing bridges. Two to three major projects and several smaller projects are expected each year. The types of projects anticipated include channel improvements to enhance storm water flow, rip rap placement and scour protection.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Flood Control - ST  
**Project Number** ST03059  
**Division Priority** 5

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	6,574,998	1,000,000	1,000,000	1,000,000	500,000	700,000	10,774,998
<b>Total Revenues</b>	<b>6,574,998</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>500,000</b>	<b>700,000</b>	<b>10,774,998</b>
<b>Expenditure Types</b>							
Engineering - Architecture	199,948	0	0	0	0	200,000	399,948
Contract Construction	6,375,050	1,000,000	1,000,000	1,000,000	500,000	500,000	10,375,050
<b>Total Expenditures</b>	<b>6,574,998</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>1,000,000</b>	<b>500,000</b>	<b>700,000</b>	<b>10,774,998</b>

**Project Description / Justification:**

This project provides funds for the rehabilitation of existing flood control pumping stations.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Stormwater Pollution - ST  
**Project Number** ST04038  
**Division Priority** 6

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	11,500,000	500,000	500,000	500,000	500,000	500,000	14,000,000
<b>Total Revenues</b>	<b>11,500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>14,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	1,700,000	100,000	100,000	100,000	100,000	100,000	2,200,000
Contract Construction	9,800,000	400,000	400,000	400,000	400,000	400,000	11,800,000
<b>Total Expenditures</b>	<b>11,500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>500,000</b>	<b>14,000,000</b>

**Project Description / Justification:**

This project provides funds for the construction of stormwater pollution treatment units such as screens, retention ponds, and clarifiers on various storm drains as required by EPA.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**     Curb and Gutter - ST  
**Project Number**   ST04010  
**Division Priority**   7

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	5,491,320,	2,500,000	2,500,000	3,500,000	3,500,000	3,500,000	20,991,320
<b>Total Revenues</b>	<b>5,491,320</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>20,991,320</b>
<b>Expenditure Types</b>							
Engineering - Architecture	261,320)	50,000	50,000	100,000	100,000	100,000	661,320
Land Development	0	0	0	0	0	0	0
Contract Construction	5,230,000	2,450,000	2,450,000	3,400,000	3,400,000	3,400,000	20,330,000
<b>Total Expenditures</b>	<b>5,491,320</b>	<b>2,500,000</b>	<b>2,500,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>3,500,000</b>	<b>20,991,320</b>

**Project Description / Justification:**

This project provides funds for the repair and replacement of curbs and gutters throughout the City.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name** Airways over Nonconnah  
**Project Number** ST03111  
**Division Priority** 8

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	10,647,460	0	0	0	0	0	10,647,460
<b>Total Revenues</b>	<b>10,647,460</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,647,460</b>
<b>Expenditure Types</b>							
Engineering - Architecture	647,460	0	0	0	0	0	647,460
Contract Construction	10,000,000	0	0	0	0	0	10,000,000
<b>Total Expenditures</b>	<b>10,647,460</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>10,647,460</b>

**Project Description / Justification:**

Using reprogram funds, replace the existing Airways Bridge over Nonconnah Creek which the State has determined to have structural deficiencies due to stream channel degradation.

**Operating Budget Impact:**

None.



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**     Bartlett Rd/Fletcher - ST  
**Project Number**   ST01089  
**Division Priority**   9

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	4,668,960	1,470,000	0	0	0	0	6,138,960
<b>Total Revenues</b>	<b>4,668,960</b>	<b>1,470,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,138,960</b>
<b>Expenditure Types</b>							
Engineering - Architecture	638,960	0	0	0	0	0	638,960
Land Acquisition	230,000	270,000	0	0	0	0	500,000
Contract Construction	3,800,000	1,200,000	0	0	0	0	5,800,000
<b>Total Expenditures</b>	<b>4,668,960</b>	<b>1,470,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>6,138,960</b>

**Project Description / Justification:**

This project provides funds for improvements to Bartlett Road that creates a three-lane roadway. This is due in large part to the recent widening of Raleigh LaGrange Road and the scheduled widening of Summer Avenue by TDOT, which is expected to create an increase in traffic on Bartlett Road. The bridge near Fletcher Creek is also in need of replacement. Adjustments to the channel are required to conform to Fletcher Creek Storm Water Project which will begin in FY 2013.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**     Gayoso Bayou Culvert - ST  
**Project Number**   ST03021  
**Division Priority**   10

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	800,000	0	0	0	0	0	800,000
<b>Total Revenues</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	0	0	0	0	0	0
Land Acquisition	150,000	0	0	0	0	0	150,000
Contract Construction	650,000	0	0	0	0	0	650,000
<b>Total Expenditures</b>	<b>800,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>800,000</b>

**Project Description / Justification:**

Gayoso Bayou (reprogram funds) provides drainage for the majority of the downtown area. It was constructed over 100 years ago and the segment at Washington Ave where Wendy's is located is in need of replacement.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**     Watkins Storm Water  
**Project Number**   ST03084  
**Division Priority**   11

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	0	450,000	0	0	0	0	450,000
<b>Total Revenues</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	0	50,000	0	0	0	0	50,000
Contract Construction	0	400,000	0	0	0	0	400,000
<b>Total Expenditures</b>	<b>0</b>	<b>450,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>450,000</b>

**Project Description / Justification:**

This project provides funds for the replacement of Watkins Bridge over Cypress Creek. The existing bridge has been rated "Scour Critical" by the State. The channel has degraded significantly over the years threatening the bridge piers and the embankments are failing. The replacement bridge will span the creek without piers in the channel which impede storm water flow.

**Operating Budget Impact:**

None



# CIP DETAIL BY PROJECT

# STORM WATER

**Project Name**      Subdivision Drainage - ST  
**Project Number**   ST03008  
**Division Priority**   12

	Reprogram	FY 2013	FY 2014	FY 2015	FY 2016	FY 2017	Total
<b>Revenue Sources</b>							
General Obligation Bonds	1,000,000	0	0	0	0	0	1,000,000
<b>Total Revenues</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>
<b>Expenditure Types</b>							
Engineering - Architecture	149,000	0	0	0	0	0	149,000
Contract Construction	851,000	0	0	0	0	0	851,000
<b>Total Expenditures</b>	<b>1,000,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1,000,000</b>

**Project Description / Justification:**

This project provides funds for drainage projects in new developments. The developer is responsible for the costs of the first 100 square feet of any cross-sectional area of a drainage ditch. Any cost beyond the 100 square feet are covered by the City through this project.

**Operating Budget Impact:**

None



# CAPITAL ACQUISITION

# STORM WATER

<u>Item Description</u>	<u>Quantity</u>	<u>Unit Cost</u>	<u>Total Cost</u>	<u>Vehicles</u>	<u>Equipment</u>	<u>Furniture</u>	<u>Total Capital Acquisition</u>
Backhoe with attachments	1	130,000	130,000		130,000		130,000
Crew Cab Truck	3	85,000	255,000	255,000			255,000
Diagnostic Equipment	1	25,000	25,000		25,000		25,000
GIS Equipment	2	30,000	60,000		60,000		60,000
Heavy Equipment Attachments	2	100,000	200,000		200,000		200,000
Leaf Collection Vehicle	1	250,000	250,000	250,000			250,000
Loader	1	102,000	102,000		102,000		102,000
Lowboy Trailer	1	100,000	100,000	100,000			100,000
Pickup Truck	5	35,000	175,000	175,000			175,000
SUV	1	30,000	30,000	30,000			30,000
Single Axle Dump Truck	4	100,000	400,000	400,000			400,000
Street Sweeper (LG)	2	200,000	400,000		400,000		400,000
Tandem Axle Dump Truck	3	150,000	450,000	450,000			450,000
Track Excavator	1	300,000	300,000		300,000		300,000
Track Loader	1	250,000	250,000		250,000		250,000
Wheel Loader	1	150,000	150,000		150,000		150,000
<b>Total Division</b>				<b>1,660,000</b>	<b>1,617,000</b>	<b>0</b>	<b>3,277,000</b>



