

AN ORDINANCE BY CITY UTILITIES COMMITTEE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF ONE MILLION, ONE HUNDRED SEVENTY-TWO THOUSAND, SEVEN HUNDRED EIGHTY-EIGHT DOLLARS AND ZERO CENTS (\$1,172,788.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE PEACHTREE CREEK TRUNK STABILIZATION PROJECT; AND FOR OTHER PURPOSES.

Review List:

Jo Ann Macrina	Completed	07/11/2013 1:02 PM
Pamela Holmes	Completed	07/12/2013 9:09 AM
Adam Smith	Skipped	07/12/2013 5:42 PM
Mayor's Office	Completed	07/15/2013 10:28 AM
Office of Research and Policy Analysis	Completed	07/17/2013 2:14 PM
City Utilities Committee	Pending	
Atlanta City Council	Pending	

Certified by Presiding Officer	Certified by Clerk
Mayor's Action <i>See Authentication Page Attachment</i>	

**AN ORDINANCE
BY CITY UTILITIES COMMITTEE**

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WHEREAS, the City of Atlanta owns and operates a water and wastewater system; and

WHEREAS, the City of Atlanta, Department of Watershed Management has identified, in connection with the Capital Improvement Program, the need to fund certain costs from the General Reserves; and

WHEREAS, the purpose of the Peachtree Creek Trunk Stabilization Project is to rehabilitate 11,000 linear feet of existing 96-inch diameter sewer in the Peachtree Creek area; and

WHEREAS, these funds should be transferred from the General Reserves for Appropriations to facilitate the use of the funds for the Peachtree Creek Trunk Stabilization Project.

THE CITY COUNCIL OF THE CITY OF ATLANTA, GEORGIA, HEREBY ORDAINS *as follows*:

Section 1: That the Chief Financial Officer is authorized to amend the FY 2014 Water and Wastewater Renewal and Extension Fund (5052) Budget as follows:

TRANSFER FROM APPROPRIATIONS

The amount of:	\$1,172,788.00			
FDOA:				
Water & Wastewater R&E Fund	NDP Reservation of Fund Appropriations	Reserve Conversion Account	Accounting	
5052	200101	5999901	1512000	

ADD TO APPROPRIATIONS

The amount of:	\$1,172,788.00			
PTAEO:				
Peachtree Basin Cap Relief	Peachtree Creek Trunk Stabilization - Construction Management Task	Water & Wastewater R&E Fund	Consulting	City of Atlanta
17110846	108	505221391	5212001	COA
FDOA:				
Water & Wastewater R&E Fund	DWM Sewer Linear Maintenance/ Repair	Projects and Grants Budget	Sewage Collection & Storage	
5052	171002	5999999	4330000	
Peachtree Basin Cap Relief	Water & Wastewater R&E Fund			
110846	21391			

Section 2: That appropriations in the Water and Wastewater Renewal and Extension Fund (5052) Budget be transferred as follows:

ADD TO AWARD INSTALLMENT

The amount of:	\$1,172,788.00	R&E Water & Wastewater Fund		
		505221391		

Section 3: That all ordinances and parts of ordinances that are in conflict with the provisions of this ordinance are waived to the extent of the conflict.

TRANSMITTAL FORM FOR LEGISLATION

TO: MAYOR'S OFFICE

ATTN: CANDACE L. BYRD

Dept.'s Legislative Liaison: Maisha L. Wood

Contact Number: 404-330-6887

Originating Department: Watershed Management

Committee(s) of Purview: City Utilities Committee

Chief of Staff Deadline: July 5, 2013

Anticipated Committee Meeting Date(s): July 30, 2013

Anticipated Full Council Date: August 19, 2013

Legislative Counsel's Signature: [Signature]

Commissioner's Signature: [Signature]

Chief Financial Officer: n/a

Chief Information Officer Signature (for IT Procurements): n/a

Chief Procurement Officer Signature: n/a

CAPTION

AN ORDINANCE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF ONE MILLION, ONE HUNDRED SEVENTY-TWO THOUSAND, SEVEN HUNDRED EIGHTY-EIGHT DOLLARS AND ZERO CENTS (\$1,172,788.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE PEACHTREE CREEK TRUNK STABILIZATION PROJECT; AND FOR OTHER PURPOSES.

FINANCIAL IMPACT: (if any) (\$1,172,788.00)
Mayor's Staff Only

Received by CPO: _____
(date)

Received by LC from CPO: _____
(date)

Received by Mayor's Office: [Signature] 7-3-13
(date)

Reviewed by: [Signature] OCOS
(date) 7/9/13

Submitted to Council: _____ (date)

**AN ORDINANCE
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FDOA:				
<u>Water & Wastewater R&E Fund</u>	<u>NDP Reservation of Fund Appropriations</u>	<u>Reserve Conversion Account</u>	<u>Accounting</u>	
5052	200101	5999901	1512000	

ADD TO APPROPRIATIONS

The amount of:	\$1,172,788.00			
PTAEO:				
Peachtree Basin Cap Relief	<u>Peachtree Creek Trunk Stabilization – Construction Management Task</u>	<u>Water & Wastewater R&E Fund</u>	<u>Consulting</u>	<u>City of Atlanta</u>
17110846	108	505221391	5212001	COA
FDOA:				
<u>Water & Wastewater R&E Fund</u>	<u>DWM Sewer Linear Maintenance/ Repair</u>	<u>Projects and Grants Budget</u>	<u>Sewage Collection & Storage</u>	
5052	171002	5999999	4330000	
Peachtree Basin Cap Relief	<u>Water & Wastewater R&E Fund</u>			
110846	21391			

Section 2: That appropriations in the Water and Wastewater Renewal and Extension Fund (5052) Budget be transferred as follows:

ADD TO AWARD INSTALLMENT

The amount of:	\$1,172,788.00	<u>R&E Water & Wastewater Fund</u>		
		505221391		

Section 3: That all ordinances and parts of ordinances that are in conflict with the provisions of this ordinance are waived to the extent of the conflict.

Part II: Legislative White Paper: (This portion of the Legislative Request Form will be shared with City Council members and staff)

A. To be completed by Legislative Counsel:

Committee of Purview: City Utilities

Caption: AN ORDINANCE AUTHORIZING THE CHIEF FINANCIAL OFFICER TO AMEND THE FY 2014 WATER AND WASTEWATER RENEWAL AND EXTENSION FUND (5052) BUDGET IN THE AMOUNT OF ONE MILLION, ONE HUNDRED SEVENTY-TWO THOUSAND, SEVEN HUNDRED EIGHTY-EIGHT DOLLARS AND ZERO CENTS (\$1,172,788.00) TO TRANSFER FUNDS FROM THE GENERAL RESERVE FOR APPROPRIATIONS AND ADD TO APPROPRIATIONS FOR THE PEACHTREE CREEK TRUNK STABILIZATION PROJECT; AND FOR OTHER PURPOSES.

Council Meeting Date: August 19, 2013

Requesting Dept.: Watershed Department

B. To be completed by the department:

1. Please provide a summary of the purpose of this legislation (Justification Statement).

Example: The purpose of this legislation is to anticipate funds from a local assistance grant to purchase child safety seats.

The purpose of this legislation is to authorize the CFO to amend the FY 2014 Budget Water and Wastewater Renewal and Extension Fund (5052) in the amount of \$1,172,788.00 and to transfer funds from General Reserve for Appropriations and add to Appropriations funds for the Peachtree Creek Trunk Stabilization Project. The scope of work entails the rehabilitation of the existing 11,000-linear feet of a 96-inch diameter sewer using an unplasticized rigid polyvinylchloride (UPVC) spiral wound panel, grouted-in-lace liner system. The lining process uses a PVC profile strip which is installed into the existing sewer through an existing access point or a newly installed access location as identified on the contract drawings.

2. Please provide background information regarding this legislation.

Example: The task force of homelessness conducted a study regarding homelessness, its impact and consequences on the City. This resolution reflects the Mayor's desire to open a twenty-four hour center that will respond to the needs of the homelessness in Atlanta.

The City of Atlanta Department of Watershed Management has identified, in connection with the Capital Improvement Program (CIP), the need to fund certain costs from the Water and Wastewater Renewal and Extension Fund (5052) to facilitate projects.

3. If Applicable/Known:

- (a) **Contract Type (e.g. Professional Services, Construction Agreement, etc):** N/A
- (b) **Source Selection:** N/A
- (c) **Bids/Proposals Due:** N/A
- (d) **Invitations Issued:** N/A
- (e) **Number of Bids:** N/
- (f) **Proposals Received:** N/A
- (g) **Bidders/Proponents:** N/A
- (h) **Term of Contract:** N/A

4. Fund Account Center (Ex. Name and number): Various

Fund: _____ Account: _____ Center: _____

5. Source of Funds: Example: Local Assistance Grant

FDOA: \$1,172,788.00; 5052 (DWM Water & Wastewater RNE Fund) 200101 (NDP Reservation of Funds Appropriations) 5999901 (Reserve Conversion Account) 1512000 (Accounting)

6. Fiscal Impact: N/A

Example: This legislation will result in a reduction in the amount of _____ to Fund Account Center Number _____.

7. Method of Cost Recovery: N/A**Examples:**

- a. *Revenues generated from the permits required under this legislation will be used to fund the personnel needed to carry out the permitting process.*
- b. *Money obtained from a local assistance grant will be used to cover the costs of this Summer Food Program.*

This Legislative Request Form Was Prepared By: Tamika Gray



Kasim Reed
MAYOR

CITY OF ATLANTA

Jo Ann J. Macrina, PE
COMMISSIONER

DEPARTMENT OF WATERSHED MANAGEMENT
55 TRINITY AVENUE SW, SUITE 5400, SOUTH BLDG.
ATLANTA, GEORGIA 30303-3544
OFFICE 404-330-6081 FAX 404-658-7194

MEMORANDUM

TO: Tamika Gray, Watershed Manager, Sr.,
DWM – Bureau of Administration

FROM: Demetris Johnson, Financial Manager
DWM, Office of Engineering Service

DATE: May 16th, 2013

SUBJECT: PEACHTREE TRUNK STABILIZATION PROJECT

This serves as a formal request to fund Peachtree Trunk Stabilization Project capital project from funding source (TBD). The deemed amount is a total of \$1,172,788.00 for the project listed below.

PROJECT NAME	PEACHTREE TRUNK STABILIZATION PROJECT
Funding Total	\$1,172,788.00 – Design and Construction Management Services
Funding Source	TBD
Start/Finish Time	June - 2013
Project Details	The current scope of work calls for the rehabilitation of the existing 11,000 if of 96" diameter sewer using an unplasticized rigid polyvinylchloride (UPVC) spiral wound panel grouted-in-lace liner system. The lining process uses a PVC profile strip which is installed into the existing sewer through an existing access point or a newly installed access location as identified on the contract drawings.

Should you need additional information to precede with this request, please contact me at 404-546-1249. Thanks.

APPROVALS


Paula E. Days, CPMD Director


Eric L. Glover, PE, DC, OES

Cc: Mike Geisler, DC, Bureau of Financial Administration
Brenda Williams, OES, Project Manager

Project Information

WBS #: W-01.01.0122 Project Name: Peachtree Trunk Stabilization Project
 Sponsor: Bureau of Operations
 Project Manager: Williams, Branda L. Phone: 404-546-3351 Email: brewilliams@atlantaga.gov
 Program: Water Facilities Asset Management Consent Decree: No
 Council District(s): 6 NPU(s): E.F.

Project Description**1.01 SUMMARY**

The City of Atlanta experienced a record 500 year flood, which was declared a Major Disaster Area by the President of United States and a state emergency by then Mayor Shirley Franklin and Governor Sonny Purdue. As a result of the Flood, the Chattahoochee River and several of its tributaries, including Peachtree Creek, rose to levels up to twelve feet and inundated private and public building and facilities causing significant damage. The R.M. Clayton Water Reclamation Center was completely flooded and suffered complete failure for a number of days. Furthermore, as a result of the flood and the failure of the R.M. Clayton WRC, the City's sanitary sewer trunk line, known as the Peachtree Creek Trunk line, which feeds into R.M. Clayton, was inundated and backed up.

Following the September 2009 epic rain event, the Peachtree Creek trunk sustained structural damage, which resulted in flooding. The emergency repairs have evolved into a permanent solution that should improve the asset life of the Peachtree Trunk to 50 years in the areas where work is being performed. The current Peachtree Trunk Stabilization project is being completed under a Design/Bid/Build task order.

The current scope of work calls for the rehabilitation of the existing 11,000 lf of 96" diameter sewer using an unplasticized rigid polyvinylchloride (uPVC) spiral wound or panel grouted-in-place liner system. The lining process uses a PVC profile strip which is installed into the existing sewer through an existing access point or a newly installed access location as identified on the contract drawings. The adjacent ribbed profile strips shall be mechanically locked together with a separate joiner strip with an integral seal to form a complete liner system closely fitting to the inside of the host sewer. The liner system shall be installed to a fixed diameter or shape leaving an annular space between the installed liner and existing sewer wall. Depending on the installation and approved design calculations, additional reinforcing may be installed in the annular space. The annular space is then filled with cementitious grout as specified. The annulus shall be grouted in controlled lifts and/or an independent internal bracing system shall be utilized during the grouting operations to prevent buckling and deformation of the liner. Grouting and bracing shall be per the liner manufacturer's recommendation. The PVC ribs shall be mechanically locked into the grout.

Justification**Compliance, Public Health, Safety, Security and Environmental Protection**

This project is essential in order for the City of Atlanta to meet new permit requirements on a consistent basis (air and water quality). This project improves performance of the processes to allow the RM Clayton WRC facility to meet or exceed current National Pollutant Discharge Elimination System (NPDES) effluent discharge limits. Finishing the lining completely to RM Clayton WRC will assist in curtailing inflow and infiltration as well as provide the needed structural integrity of the trunk with a new asset life of approximately 50 years.

System Reliability

This additional lining would also provide a continuous section of the Old Peachtree Trunk that is rehabilitated to nearly new condition with an improved asset life of around 50 years.

Cost & Schedule

Start Date:	06/15/2013	Finish Date:	08/15/2014
Cost Estimate:	\$31,172,788.00		
Total Funded:	\$31,172,788.00	Total Unfunded:	\$0.00

Cost By Category/Phase

Cost By Category/Phase	Cost
Design/Bid Phase	\$ 84,528.00
Construction	\$30,000,000.00
Construction Management Services	\$ 1,088,260.00

Budget Summary Sheet
Peachtree Trunk Stabilization
Engineering and Construction Services Budget

	Project Manager	Civil	DHA	Engineer	Tech Advisor	Admin	Structural	Total Hours	ODCs					
	PM - 4	E-8	E-7	CAD MGR	E 10	Sr. Admin	E-6							
Phase 1 - Review of Specifications and Construction Documents														
Project Management, Budgets and Schedule	32					4		36						
Coordination and meetings with the City		8					18	24	\$200					
Review existing specifications and contract documents and provide comments		8			16		60	84						
Research existing and provide comments		4			8		40	52						
Assist City with negotiations with the vendor		4			16		24	44	\$300					
Assist City with City Final Documents							40	40						
Permit Identification		8	16					24						
								8						
Hours	0	32	32	16	8	40	0	304	\$400					
City Rate	\$188	\$188	\$182	\$163	\$185	\$238	\$140	\$68	\$86	\$185	\$162	\$140		
City Invoice	\$0	\$6,368	\$5,144	\$2,608	\$0	\$8,280	\$0	\$80	\$320	\$33,300	\$0	\$0	\$57,848	\$58,348

	Project Manager	Civil	DHA	Engineer	Tech Advisor	Admin	Structural	Total Hours	ODCs				
	PM - 4	E-8				Sr. Admin	E-6						
Phase 2 - Services During Bidding													
Project Management, Budgets and Schedule	8					2		10					
Fixed bid package		4						8	\$1,200				
Attend Prebid meeting		4					4	8	\$188				
Respond to Contractor requests for information (RFI)								0					
Review RFI and submit comments and reference projects		2					32	34					
Prepare Addenda		2					8	10					
Prepare Contract documents		4				24	32	38	\$800				
						24	8	38					
Hours	0	8	16	0	0	50	84	168	\$1,800				
City Rate	\$188	\$188	\$182	\$163	\$185	\$148	\$88	\$80	\$84	\$162	\$140		
City Invoice	\$0	\$1,582	\$3,456	\$0	\$0	\$4,000	\$16,640	\$0	\$0	\$24,588			\$26,188

	Project Manager	Civil	DHA	Engineer	Tech Advisor	Smith Realty	Smith Realty	Admin	Structural	Smith Realty	Smith Realty	Total Hours	ODCs
	PM - 4	E-8	E-7	CAD MGR	E 10	ES&P Acquisition Mgr	Appointee V	Sr. Admin	E-6	Appointee M	Sr. Admin		
Phase 3 - Construction Inspection Services													
Project Management Plan, Bidding Plan, Budgets and Schedule, Events and Contract Submittals	312							156				468	
Prepare for and attend Precon meeting		4							4			4	
Structural Engineering					180				180			2,840	\$75,000
Review Contractor submittals								16	156			220	
Respond to Contractor requests for information (RFI)									80			140	
												0	
Review Record Drawings (RC) 8 hrs/dwg-14 days		42										154	
Permitting Assistance								84				1,184	
Attend Weekly Progress Meetings									156			284	
Estimates and Acquisitions	0	312	48	1100	180	336	320	256	3008	120	120	5,936	\$75,000
Hours	0	312	48	1100	180	336	320	256	3008	120	120	5,936	\$75,000
City Rate	\$188	\$188	\$182	\$163	\$124	\$230	\$126	\$80	\$185	\$115	\$80		
City Invoice	\$0	\$52,086	\$5,832	\$178,200	\$18,840	\$77,280	\$40,320	\$20,480	\$366,480	\$13,800	\$9,600	\$1,012,800	\$1,088,260

Total Project Cost **\$1,172,788**