



## MEMORANDUM

October 7, 2010

TO: Board of Mayor and Aldermen

FROM: Eric J. Gardner, P.E., Director of Engineering  
Eric S. Stuckey, City Administrator  
David Parker, P.E., City Engineer

SUBJECT: CIP Project Status – Water & Sewer Projects

### Purpose

The purpose of this memo is to update the Board of the status of some of the City's water and sewer projects.

### Project Status

#### **1. ARRA Drinking Water Project – Raw Water Reservoir Rehabilitation**

**Key Dates:** Design Start – August 26, 2008; Design Completion – November 2, 2009; BOMA Approval of Construction Bid – December 17, 2009; Construction Start – January 19, 2010 with actual start date as of April 1, 2010; Construction Completion – October 12, 2010

**Cost:** Design – \$128,800.00; Construction – \$3,896,800.00

**Funding Source:** Design – Water Bonds; Construction – Water & Sewer Fund/SRF/ARRA Loan

**Status Update:** This project is in the final stages of construction and upon final review by the City should be accepted for operational use. The final change order to close out the project should be on next month's agenda.

#### **2. ARRA Green Projects – West Reclaimed Water Line, Downs Boulevard Reclaimed Water Line**

**Key Dates:** Design Start – October 9, 2007; Design Completion – February 9, 2010; BOMA Approval of Construction Bid – December 17, 2009; Easement Acquisition Start – October 2005; Easement Acquisition Completion – August 30, 2007; Construction Start – February 15, 2010; Construction Completion – May 15, 2011

**Cost:** Design – \$22,500.00 (West Main Reclaimed), \$33,900.00 (Downs Boulevard); Easements – N/A; Construction – \$895,359.00

**Funding Source:** Design – Reclaimed Access; Easements – N/A; Construction – Water & Sewer Fund/SRF/ARRA Loan

**Status Update:** West Reclaimed Water Line – the contractor will be mobilizing to do the bore under Hwy 96 in the next couple of weeks to complete this job. Downs Boulevard Reclaimed



Water Line – job is currently on hold until TDOT rules on the request to open cut West Main Street.

**3. ARRA Clean Water Projects – Boyd Mill Low Pressure Sewer, Country Road Low Pressure Sewer, Simmons Ridge Sanitary Sewer**

**Key Dates:** Design Start – January 15, 2008 (Boyd Mill), March 13, 2007 (Simmons Ridge), September 2008 (Country Road); Design Completion – July 20, 2009 (Simmons Ridge), February 9, 2010 (Boyd Mill and Country Road); Easement Acquisition Start – May 2009; Easement Acquisition Completion – November 2009; BOMA Approval of Construction Bid – December 17, 2009; Construction Start – February 15, 2010; Construction Completion – February 14, 2011

**Cost:** Design – \$38,500.00 (Boyd Mill), \$121,000.00 (Simmons Ridge); Easements – \$750.00; Construction – \$1,183,474.00

**Funding Source:** Design – Sewer Assessments; Easements – Sewer assessments; Construction – Water & Sewer Fund/SRF/ARRA Loan

**Status Update:** Country Road and Boyd Mill LPS – both jobs are complete and in the process of being accepted by the City to start the warranty period and the special assessment district; the final change order for all of these projects will be processed upon completion of Simmons Ridge. Simmons Ridge – approximately 1250 feet of sewer has been installed on the east side of the Harpeth River; blasting continues.

**4. Southeast Water Line**

**Key Dates:** Design Start – January 9, 2007; Design Completion – January 15, 2009; Easement Acquisition Start – September 27, 2007; Easement Acquisition Completion – June 30, 2008; BOMA Approval of Construction Bid – December 8, 2009; Construction Start – January 25, 2010; Construction Completion – 120 days from date that City receives 1) approved pump station plans and 2) a firm date for the pump delivery

**Cost:** Design – \$235,900.00; Easements – \$53,541.50; Construction – \$903,175.00

**Funding Source:** Design – Water Access; Easements – Water Access; Construction – Water Access

**Status Update:** Continuing coordination with Building Neighborhood Services for building permit; complete plans were submitted on 10/7/10.

**5. Monticello Wastewater Collection**

**Key Dates:** Design Start – May 27, 2008; Design Completion – June 2009; Easement Acquisition Start – June 2009; Easement Acquisition Completion – August 2009; Construction Start – August 24, 2009; Construction Completion – July 19, 2010

**Cost:** Design – \$134,330.00; Easements – \$3,000; Construction – \$1,109,747.50

**Funding Source:** Design – Water & Sewer Fund; Easements – Monticello Sanitary Sewer Special Assessment; Construction – Monticello Sanitary Sewer Special Assessment & General Fund (paving)

**Status Update:** All work complete. Staff is currently disputing the final invoices.



**6. Carter Street Wastewater Collection, Water Distribution**

**Key Dates:** Design Start – January 13, 2009; Design Completion – November 2009; Easement Acquisition Start – August 2009; Easement Acquisition Completion – November 16, 2009; Construction Start – March 1, 2010; Construction Completion – October 6, 2010

**Cost:** Design – \$90,000.00; Easements – N/A; Construction – \$434,185.90

**Funding Source:** Design – Water & Sewer Fund; Easements – Water & Sewer Fund; Construction – Water & Sewer Fund

**Status Update:** Project complete. Staff waiting on final invoices.

**7. Downs Boulevard Water Line**

**Key Dates:** Design Start – October 9, 2007; Design Completion – February 9, 2010; Easement Acquisition Start – September 30, 2008; Easement Acquisition Completion – July 2, 2009; BOMA Approval of Construction Bid – December 17, 2009; Construction Start – February 15, 2010; Construction Completion – May 15, 2011

**Cost:** Design – \$248,300.00; Easements – \$10,685.00; Construction – \$1,978,090.00

**Funding Source:** Design – Water Bonds; Easements – Water Bonds; Construction – Water Bonds

**Status Update:** Pipe installation continues along Downs Boulevard; installed fire hydrant south of New Hope Academy at Barclay Place.

**8. Franklin Integrated Water Resources Plan**

**Key Dates:** Kickoff Meeting – November 11, 2009; Steering Committee Meeting #1 – January 12, 2010; Stakeholder Meeting #1 – January 20, 2010; Steering Committee Meeting #2 – February 3, 2010; Public Forum #1 – February 22, 2010; Steering Committee Meeting #3 – March 3, 2010; Stakeholder Meeting #2 – March 24, 2010; Steering Committee Meeting #4 – April 7, 2010; Water Management Website has dedicated pages for project information

**Cost:** Planning Study – \$482,030.00 with a budget allowance of \$23,000.00 for additional meetings should they be required

**Funding Source:** Water Management Department Operations

**Status Update:** Phase II Alternatives will be discussed by the Steering Committee on September 8<sup>th</sup>. The Committee will make a recommendation to the Board for moving forward with Phase II. There will be a Special Board Work Session on September 21<sup>st</sup> to discuss the alternatives.

**9. Water, Wastewater and Reclaimed Water Specifications**

**Key Dates:** Start – March 1, 2010; Expected Completion – December 2010;

**Cost:** \$44,500

**Funding Source:** Water Management Department Operations

**Status Update:** Staff review of specifications continues.



**10. Fieldstone Farms Pump Station No. 2 Upgrade**

**Key Dates:** Design Start – April 28, 2009; Design Completion – November 9, 2009; Easement Acquisition Start – October 2009; Easement Acquisition Completion – January 22, 2010; Construction Start – December 8, 2009; Construction Completion – August 30, 2010

**Cost:** Design – \$60,000.00; Construction – \$514,088.00

**Funding Source:** Design – Sewer Operating Funds; Construction – Sewer Operating Funds [Williamson County will be reimbursing the City for both the design and construction of this project]

**Status Update:** Job is complete; final change order to close out project is on this agenda.