

## MEMORANDUM

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August 30, 2011

TO: Board of Mayor and Aldermen

FROM: Eric J. Gardner, P.E., Director of Engineering  
Eric S. Stuckey, City Administrator  
Mark Hilty, P.E., Water Management Director  
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

#### **A. 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 – July 11, 2011

**Cost:** Design –\$30,000.00 (West Main Reclaimed), \$57,900.00 (Downs Boulevard); Easements – N/A; Construction – \$945,113.14

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

**Status Update:** *West Reclaimed Water Line* – line is complete except for the tie-in to the 16" reclaimed water line on Del Rio Pike; the final walk thru will be done after this tie-in is made.

*Downs Boulevard Reclaimed Water Line* – being installed in conjunction with the Downs Boulevard 24" water line; reclaimed water line work at Columbia Ave/Downs Blvd is complete (does not go under Columbia Ave); to finish this reclaimed water line, it has to be threaded through the casing pipe under West Main, tested and then tied in.

#### **B. 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 – August 2011 (Estimated)

**Cost:** Design – \$42,400.00 (Boyd Mill), \$9,900.00 (Country Road), \$142,700.00 (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:** *Simmons Ridge* – All pipe is installed and has been tested; currently working on cleaning up site, leveling excavated soil out and restoring disturbed areas.

### C. 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 – June 15, 2011

**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:** tee at Long Lane Water Tank has been installed; met with contractor and pump station supplier to determine items required to finish the project; will perform another start-up in 2-3 weeks.

### D. 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 – July 11, 2011

**Cost:** Design – \$248,300.00; Easements – \$10,685.00; Construction – \$1,990,083.36

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

**Status Update:** being installed in conjunction with the Downs Boulevard 12” reclaimed water line; water line has been threaded through the casing pipe under Columbia Avenue to tie into existing water line on east side of Downs Blvd/Columbia Ave intersection; finished installing casing pipe under West Main Street; left to finish this project: connect water line from Good Neighbor Road to West Main Street, test water line and tie-in to existing water lines.

### E. 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:** Contract with CDM for Phase II was approved by BOMA on November 9<sup>th</sup>. A Public Meeting was held on June 21, 2011 to present the status of Phase II. CDM will begin providing updates to BOMA on the progress and costs for the different tasks beginning July 12<sup>th</sup> at the BOMA Work Session. This will continue with further Work Sessions as necessary until all tasks have been discussed. The tasks discussed at the September 13<sup>th</sup> meeting will be the Harpeth river Model Progress.

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

**Key Dates:** Start – March 1, 2010; Expected Completion – September/October 2011;

**Cost:** \$41,500

**Funding Source:** Water Management Department Operations

**Status Update:** Weekly City Staff review meetings continue; comments for first section were given to Consultant on 8/29/11.