



# MEMORANDUM

August 1, 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; the bore at Columbia Avenue is complete; all line is installed from bore at Columbia Avenue (except the section under Columbia Ave) to West Main Street and from Reid Hill Commons to Good Neighbor Road; have approximately 400' of pipe to install to finish and tie-in; currently working on bore at West Main Street and installing remaining pipe.

### **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* – River crossing complete; currently installing the last 140' of pipe; testing and clean-up of site are all that remains once all pipe is installed and tested.

### 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:** Performed preliminary start-up on booster station on July 11, 2011; Startup activities cannot be completed until the new tank off of Long Lane is connected; Backflow preventer, outside hose bib, eyewash station and ground wire for the single phase transformer still needs to be installed; the installation of the 16" x 10" tee at the Long Lane Water Tank is scheduled for August 4<sup>th</sup> and will be done at night (no one will be affected as far as their water service is concerned).

### 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; all line is installed from bore at Columbia Avenue to West Main Street and from Reid Hill Commons to Good Neighbor Road; have approximately 400' of pipe to install to finish and tie-in; the bore at Columbia Avenue is complete; currently working on bore at West Main Street and installing pipe.

### 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 August 9<sup>th</sup> meeting will be Water Treatment Plant and Distribution System.

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

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

**Cost:** \$44,500

**Funding Source:** Water Management Department Operations

**Status Update** City Staff review meetings resumed on July 15, 2011 and will continue weekly until all sections have been reviewed; comments will then be presented to the Engineering Consultant