



Item # 27
CIC
04-14-11

MEMORANDUM

April 8, 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 – May 15, 2011

Cost: Design –\$30,000.00 (West Main Reclaimed), \$57,900.00 (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 – Still lacks the bacteriological testing on the line; the contractor is working on installing the sampling points needed for this testing; once the results of the test come back and are ok, an official walk thru of the project will be conducted. Downs Boulevard Reclaimed Water Line – being installed in conjunction with the Downs Boulevard 24" water line; installed approximately 200' from Columbia Avenue; existing utilities that were marked incorrectly have caused a change in the alignment which in turn requires an easement from the property owner at the northwest corner of the intersection of Downs Boulevard and Columbia Avenue.

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 – Backfill, Leakage Tests & Manhole Vacuum Tests are complete as of April 1, 2011, excluding manhole A6 through A8 which is the line under the Harpeth River. No work is currently being done on the project until the contractor moves back in to finish cleaning up site (COF staff have allowed the contractor to stop work while waiting for the opportunity to make the river crossing portion of the project) although the contractor has not officially notified the City that they are pulling off of the job. The elevation and flow of the Harpeth River will determine when they will do the river crossing.

The other two projects are complete and the special assessments have been approved.

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 – March 30, 2011 (June 15, 2011 if this change order is approved)

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: MTEMC is to excavate the hole for the new electrical pole being installed at 207 Old Peytonsville Road. From Roger Jenkins of MTEMC, as of April 8, 2011 this job is on the list and will be finished Monday, April 11th, 2011; contractor has started on trench to install the conduits for the electrical service; building is 85-90% done.

D. 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. The Special Assessment has been established. After the approval of the final change order, this project will be closed. This will be the last project update.



E. 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: Downs Boulevard Water Line – being installed in conjunction with the Downs Boulevard reclaimed water line; existing utilities that were marked incorrectly have caused a change in the alignment which in turn requires an easement from the property owner at the northwest corner of the intersection of Downs Boulevard and Columbia Avenue.

F. 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 9th. Steering Committee met with CDM on April 6th to discuss of progress of the analysis to the different systems. A Public Meeting to present the status of Phase II will be scheduled in June.

G. Water, Wastewater and Reclaimed Water Specifications

Key Dates: Start – March 1, 2010; Expected Completion – May 2011;

Cost: \$44,500

Funding Source: Water Management Department Operations

Status Update: Working on combining all comments to send to the engineering consultant to further include City staff comments; this job is a priority to complete by mid-May.