



MEMORANDUM

January 6, 2011

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 memorandum is to update the Board of Mayor and Aldermen (BOMA) of the status of some of the City's water and sewer capital investment projects.

Project Status

A. 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: Reservoir is in use; working on paperwork closure, completion of the final punchlist by the contractor and the final survey to indicate a quantity increase. ACEC has approved the nomination for the project for a potential **ACEC Engineering Excellence Award**.

B. 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 – testing has started in sections; the portion of the line from Del Rio Pike to the 1st valve is ok; have a leak in the 2nd portion of the line which goes from the first valve under Hwy 96 then into Clairmonte S/D. Downs Boulevard Reclaimed Water Line – being installed in conjunction with the Downs Boulevard 24" water line; have



installed from Partnership Circle to past Figuers Drive and heading east towards Columbia Avenue.

C. 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 – jobs complete. Special Assessment Ordinance was approved by BOMA on December 14, 2010 on the 1st Reading; the Final Reading (and Public Hearing) will be on January 11, 2011. Simmons Ridge – installed 24” HOBAS pipe from MH3 to MH6 (1200’) and from MH8 to MH11 (1000’); will start on installing pipe from existing manhole to MH3; have not crossed the Harpeth River yet.

D. 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: Still working on getting electrical service to the site; no framing for exterior shell has started.

E. 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. The first reading of the Ordinance to establish the Special Assessment is expected to be on February 8,



2011. Letters to each property owner are being sent to inform them of the schedule for the discussions, votes, and public hearing for the ordinance.

F. 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: Installed pipe past Figuers Drive and still heading east towards Columbia Avenue; being installed in conjunction with the Downs Boulevard Reclaimed Water Line.

G. 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.

H. 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: Met with GS&P on November 15, 2010 to give them our comments thus far on the specs; City to be looking at details and will meet again in mid-January 2011.