

MEMORANDUM

September 1, 2010

TO: Board of Mayor and Aldermen

FROM: Eric S. Stuckey, City Administrator
Eric J. Gardner, P.E., Director of Engineering
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: Liner was finished on 8/28/10. Geo-web installation continues daily with approximately 40% of the geo-web filled with gravel. Contractor expects to complete job within the next 2 weeks, which is within the project time frame.

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 – With the exception of some minor cleanup, this job is finished. Downs Boulevard Reclaimed Water Line – Installation continues along Downs Boulevard; line is almost to 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 – job finished. Boyd Mill LPS - job finished. Simmons Ridge – Blasting should be finished by the end of this week; installation of casing pipe where the sewer crosses proposed South Carothers Parkway to be done this week; installation of gravity line on the east side of the Harpeth River to begin in the next couple of weeks.

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: Architectural plans submitted for review on August 16th with comments returned on August 31st; these plans are to be resubmitted by 9/7/10; will coordinate with Building Neighborhood Services on submittal for a building permit.

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 waiting on final invoices from the contractor.



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: Sewer and water installation is 100% Complete. Contractor is working on pavement restoration.

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: Line has been installed to the 1st entrance for the Williamson County soccer fields; pipe installation to continue.

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 8th. 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 21st 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: City staff met on September 1 and reviewed the first few sections of the specs. Staff have tentatively set November 1 as the goal date to finish our review before submitting to the consulting engineer.



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 almost complete; met on August 26th with contractor, engineer and City personnel to do a walk thru of the job; sent punch list to contractor on 8/27/10.