

## MEMORANDUM

July 8, 2010

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 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 – December 31, 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:** Filter backwash material removal is complete. Grading operations are 90% complete. Liner installation to begin in July and will take approximately 20 days to complete. Job is approximately 50% complete.

#### **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 – installing portion of the reclaimed line from Boyd Mill Pike north towards Hwy 96. Job is 60% complete.

**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; final walk thru with engineer, contractor and City personnel on 7/1/10. Boyd Mill LPS - job finished; final walk thru with engineer, contractor and City personnel on 7/1/10. Simmons Ridge – put erosion control up; will begin blasting the week of July 12th.

**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 – July 23, 2010

**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:** Waiting on architectural plans to be completed to submit to Building Neighborhood Services to review for a building permit for the façade around the package booster station enclosure. Project will not be completed prior to July 23<sup>rd</sup> due to the delay with the Booster Station plans. This delay is not the contractor's fault and staff will be bringing forward a change order for a time extension in one of the future CIC meetings.

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



**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 – September 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. Staff is requesting a 60 day contract extension to allow for additional coordination with Habitat for Humanity.

**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:** Work on the 24" DIP water line along Downs Boulevard will begin once the reclaimed water line has been installed from Boyd Mill Pike to Hwy 96 along Downs Boulevard.

**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:** The second public forum will be held in the Boardroom on July 12<sup>th</sup>. The forum will allow the public to see the status of the plan and view some of the modeling components.

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

**Key Dates:** Start – March 1, 2010; Completion – August 2010;

**Cost:** \$44,500

**Funding Source:** Water Management Department Operations

**Status Update:** City staff has reviewed the preliminary draft; will meet to discuss comments with consulting engineer in mid-July.



**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:** Contractor has backfilled around structures installed; date of pump startup is July 6; Job is 85% complete.