



## MEMORANDUM

May 4, 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 memorandum 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 began in late April and continues. Work on the berm (including rip-rap removal) and preparatory grading operations continue. Job is approximately 15% 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 – began laying pipe on the New Hope Academy property, through Twin Oaks Subdivision, through Jim Warren Park and now along Boyd Mill Pike; job is 35% complete. Downs Boulevard Reclaimed Water Line – began laying pipe along



Downs Boulevard at New Hope Academy and heading south along Downs Boulevard; will stop when they reach West Main Street; job is 5% 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 – no status change from last month. Boyd Mill LPS is 65% complete; the line has been installed from Franklin Green to Boyd Mill Pike and east towards Downs Boulevard; the contractor is currently working on the section from Franklin Green west towards Highway 96. Simmons Ridge – no status change from last month.

**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:** Construction is 50% complete; all waterline along Lewisburg Pike and Old Peytonsville Road has been installed and tested; will tie in to existing lines next week; no work on booster station has commenced – working on obtaining permits.

**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:** Construction is 75% Complete.

**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 – July 8, 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:** Construction is 35% Complete.

**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:** No status change from last month.

**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 meetings for this project have been postponed – rescheduled date has yet to be determined.

**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:** Preliminary draft to be submitted for review by the City staff the week of May 24-28.

**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



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## MEMORANDUM

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[Williamson County will be reimbursing the City for both the design and construction of this project]

**Status Update:** Project was impacted by the flooding in Fieldstone Farms. The flooding encompassed the entire construction work zone area. Wet well has been dug out and bypass pumping began on May 3, 2010.