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**Date:** March 26, 2010  
**Prepared for:** Mayor John Cowman and City Council

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## **CIP 21 M Bond Series Project Status Report**

**Project Name:** Bagdad Road North and FM 2243 Paving Improvements

**Engineer Firm Name:** Bucher, Willis & Ratliff Corporation.

**Contractor Firm Name:** Ross Construction.

**Project Description:** Signalized intersection at FM 2243 and Bagdad Road will widen roadway to five lanes with center left turn and storm water quality treatment system. Road improvements extend 1000 feet north and 500 feet east and west of the intersection including 360 feet of transition pavement plus an additional 2200 feet of vegetative filter treatment strips.

**Location:** Bagdad Road extends from FM 2243 to approximately 1000 feet north with an additional 360 linear feet north of vegetative filter strips for storm water quality.

**Status of project:** Project is complete, BWR has received record drawings from Ross Construction and are currently modifying. Closeout on project is pending upon receipt of the final documentation.

**Advertise for Bid:** First Advertisement 12/12/08. Second Advertisement 12/19/08.

**Bid Opening:** January 23, 2009.

**Pre-Construction Meeting:** Mid March 2009.

**Begin Construction:** March 28, 2009.

**Project Completion:** January 2010.

**Revised Budget:** \$ 2,013,372

**Project Name:** Bagdad Road Sidewalks

**Engineer Firm Name:** KSA Engineers, Inc.

**Contractor Firm Name:** Ross Construction.

**Project Description:** Phase 1: Western ROW - High School to Crystal Falls Parkway.  
Phase 2: Western ROW - Crystal Falls Parkway to Bledsoe Park.  
Phase 3: Eastern ROW - Kettering Drive to Crystal Falls Parkway.

**Location:** Bagdad Road from Leander High School to Bledsoe Park.

**Status of project:** The project work is approximately 40% complete. A change order is forthcoming to: raise two additional manholes, raise one additional fire hydrant, and add two - 6" cross drains, and other necessary items.

**First advertisement for Bid:** September 3, 2009.

**Pre-Bid Meeting:** September 18, 2009.

**Bid Opening:** September 30, 2009 at 4 pm.

**City Council Approval to Award Contract Pending TxDOT Approval:** October 1, 2009.

**Submit Bid Tabulation and City Council Resolution to TxDOT:** October 6, 2009.

**Begin Construction:** January 4, 2010.

**Project Completion:** 365 days from date of construction start (Estimated).

**Revised Budget (20% of total project cost):** \$ 92,774

**Federal Grant Money (80% of total project cost):** \$ 337,360

**Project Name:** County Glen Drainage

**Engineer Firm Name:** K Friese & Associates, Inc.

**Contractor Firm Name:** To be determined.

**Project Description:** County Glen area storm sewer, curb; gutter roadways, detention; water quality improvements on selected streets to alleviate local flooding.

**Location:** County Glen Subdivision Sections southeast of Bagdad and County Glen Drive.

**Status of project:** 70% complete plans have been reviewed and comments issued. A design review meeting was held with consultant on February 5<sup>th</sup> to add Hernando's Loop to project. This scope of work change will require a task order amendment.

**Advertise for Bid:** Dependent upon available funds.

**Begin Construction:** Dependent upon available funds.

**Project Completion:** Bid and construction timing will depend on available funds.

**Revised Budget:** \$ 198,197 (Design Budget)

**Project Name: East Crystal Falls Parkway Street and Drainage Improvements**

**Engineer Firm Name:** Baker-Aicklen & Associates, Inc.

**Contractor Firm Name:** Schroeder Construction Co., Ltd.

**Project Description:** Four-lane divided arterial roadway (MAD 4) including signage, pavement markings, traffic light signalization, drainage, and water quality improvements, and railroad crossing upgrades.

**Location:** Phase 1 – proposed limits from US 183A to Ronald Reagan Boulevard.  
Phase 2 – proposed limits from US 183 to US 183A (includes railroad crossing improvements).

**Status of project:**

**Phase 1** - The Contractor's staging/storage yard area has been re-vegetated and the grass is coming up nicely. The City has received the inspection report from the TDLR inspector who noted three driveway areas and three sidewalk areas which exceeded the allowable cross-slope. The City and Baker-Aicklen has met on-site with the Schroeder Construction to discuss the issues raised by the TDLR inspector. Schroeder will begin addressing these issues next week, weather permitting.

**Phase 2A**– The Phase 2-A plans (East Crystal Falls between Leander Drive and 183-A) are nearing completion and we should have the advertisement for bids out by early/mid-April. Coordination efforts between Capital Metro / CTC / TxDOT for the at-grade railroad crossing and traffic signalization continue as part of the Phase 2-B plans. AT&T, Suddenlink, and Grande Communication utility relocations are progressing with most of the overhead line relocation work complete. Atmos Energy has begun the gas line relocation work with their work scheduled for completion in roughly 6 weeks.

**Advertise for Bids Phase 1:** January 15 and January 22, 2009.

**Open Bids:** February 10, 2009.

**Begin Construction Phase 1:** April 1, 2009.

**Project Completion Phase 1:** March 26, 2010.

**Phase 2 (A) Advertise for Bid:** Expected to advertise early/mid-April.

**Begin Construction Phase 2:** Unknown at this time.

**Project Completion Phase 2:** Unknown at this time.

**Revised Budget: \$ 8,541,576** Phase 1, Phase 2A, and Phase 2B

**Project Name: Sonny Drive Extension**

**Engineer Firm Name:** Bucher, Willis & Ratliff Corp.

**Contractor Firm Name:** Not yet bid.

**Project Description:** This project is a two-lane roadway with an additional turn lane at Hwy. 183. The project includes a signalized intersection, Capital Metro Railroad crossing signal controls, and in-line storm water quality treatment system.

**Location:** Sonny Drive extended between Leander Road and US Hwy. 183.

**Status of project:** BWR submitted the sealed documents to Capital Metro and TxDOT on March 8<sup>th</sup> for permit issuances.

**Advertise for Bid:** April 2010 (estimated).

**Begin Construction Date:** July 2010 (revised estimate).

**Project Completion Date:** Roadway – October 2010; RR Crossing – January 2011 (Substantial Completion - both estimated). Final Completion – February 2011 (estimated).

**Revised Budget: \$ 1,016,853 (Pending availability of funds)**

**Project Name: Fire Admin and Training**

**Engineer Firm Name:** Assigned to Jamail Smith.

**Contractor Firm Name:** Jamail & Smith.

**Project Description:** This project includes Fire Department administration building, Station No. 3 and Training Center.

**Location:** Sonny Drive at Hwy. 183.

**Status of project:** Masonry is approximately 95% complete and exterior paint is 80% complete. Building interior sheet rocking is complete and tape and float has begun on the east side. Roof panels are complete on the tower. Concrete paving is 75% complete.

**Advertise for Bid:** February 12, 2009.

**Open Bids:** March 2, 2009.

**Begin Construction:** September 14, 2009.

**Project Completion:** June / July 2010.

**Revised Budget: \$ 2,900,000**

**Project Name:** Fire Department Fleet

**Engineer Firm Name:** N.A.

<b>Project Description:</b>	<b><u>Unit</u></b>	<b><u>Manufacturer</u></b>
	Pumper	Pierce
	Mini Pumper	Pierce
	Heavy Rescue	Horton
	Command	Horton
	Air/Power/LGT	Foster
	Trailer	

**Location:** 201 North Brushy.

**Status of project:** All fleet items have been delivered except for Brush Truck.

**Advertise for Bid:** N.A.

**Project Completion:** Will be complete upon receipt of Brush Truck.

**Revised Budget:** \$ 1,321,910

**Project Name:** Police Department Shooting Range Enhancement and Training Upgrade

**Consulting Firm Name:** Wiginton, Hooker, Jeffrey Architects.

**Contractor:** Talero.

**Location:** 10201 RM 2243.

**Project Description:** Expansion of shooting range from 25 yards to 50 yards, complete original safety baffling of 25 yard range, training obstacle course to include surveying, site work, excavation, sub-grade, asphalt pathway, course fixtures, and shooting station with bullet trap. This project was delayed due to a possible location change of the shooting range. The location change issue has been resolved and the project will be completed at the original site. Wiginton Hooker Jeffrey, P.C. Architect is preparing a professional services agreement and upon City approval, will begin design work in cooperation with Action Target, Inc. the original vendor for the shooting range.

**Status of project:** Currently working on a contract between the City and Talero.

**Advertise for Bid:** February 11<sup>th</sup> and 18<sup>th</sup> 2010.

**Open Bids:** March 9, 2010.

**Begin Construction:** To be determined.

**Project Completion:** To be determined.

**Revised Budget:** \$ 228,792

# Utility CIP Project Report

**Project Name:** Wastewater Masterplan

**Engineer Firm Name:** K Friese and Associates.

**Project Description:** Prepare a Wastewater Master Plan for the City limits of Leander and ETJ through 2027. Evaluate treatment options, participation in the Brushy Creek regional wastewater system, create CIP list of projects with cost estimates, review possible regional system participation in the South San Gabriel basin, modifications required for the proposed TOD area, evaluate possible developments in the Crystal Falls area.

**Location:** City of Leander and Leander ETJ.

**Status of project:** KFA submitted Draft to the City on 3/5/08, and awaiting comments pending outcome of Wedemeyer tract Development Agreement, City Engineering Department to furnish comments.

**Revised Budget:** \$ 78,630

**Project Name:** Water Masterplan

**Engineer Firm Name:** K Friese and Associates.

**Project Description:** Prepare a Water Master Plan for the City limits of Leander and ETJ through 2027. Prepare water models for entire service area for the current system, and projected systems in 2012, 2107 and 2027. Evaluate delivery options from proposed regional water system, create CIP list of projects with cost estimates, modifications required for the proposed TOD area, prepare models for new developments, assist the City with modeling and evaluating areas with pressure issues, evaluate possible developments in the Crystal Falls area.

**Location:** City of Leander and Leander ETJ.

**Status of project:** KFA submitted a Draft to the City on 8/29/08, City Engineering Department to furnish comments.

**Revised Budget:** \$ 49,958 (Pending outcome of Wedemeyer track Development Agreement)

**Project Name: Block House Creek Wastewater Interceptor**

**Engineer Firm Name:** K Friese and Associates.

**Contractor Firm Name:** Keystone Construction.

**Project Description:** Design 24 to 30-inch wastewater interceptor to serve the Block House Creek drainage basin including the Cold Springs development, and to abandon the Horizon Park Lift Station.

**Location:** Runs from southeastern area of Leander's ETJ (Brushy Creek) to the Horizon Park Lift Station generally following along the alignment of Block House Creek.

**Status of project:** Segment 1 – Project is complete pending final cleanup and punch list items. Connection to the existing North Brushy Creek Interceptor has not been performed to date, pending agreements with the City of Cedar Park and the Brushy Creek Regional Wastewater System connecting manhole constructed but cut in to existing line not to be made until agreements are made. Pump and haul operation moved from Cold Springs Subdivision to Ronald Reagan Blvd.

**Segment 2** – Construction is substantially complete by Keystone Construction, and final acceptance is pending.

**Segment 3** – This phase will extend the wastewater line through the Block House Creek MUD and abandon the Horizon Park Lift Station. The project is out for bids, which are due on April 1, 2010. Construction is anticipated to take 4 to 5 months.

**Segment 2**

**Advertise for Bid:** February 13, 2009.

**Pre-Bid:** March 3, 2009.

**Open Bids:** March 10, 2009.

**City Council Awarded Contract:** March 19, 2009 to Keystone Construction.

**Begin Construction:** June 2009.

**Project Completion:** 180 calendar days after Notice to Proceed (Anticipated).

**Segment 3**

**Advertise for Bid:** March 16, 2010.

**Pre-Bid:** March 23, 2010.

**Open Bids:** April 1, 2010.

**Project Completion:** 120 calendar days after Notice to Proceed (Anticipated).

**Revised Budget: \$ 664,424 (design budget), Segment 1 Construction Bid - \$2,700,200, Segment 2 Estimated Construction Bid - \$645,732. Future Segment 3 Estimated Construction Cost - \$1,000,000.**

**Project Name:** Brushy Creek North Wastewater Interceptor

**Engineer Firm Name:** K Friese and Associates.

**Contractor Firm Name:**

**Project Description:** Design 30 to 36-inch wastewater interceptor to serve the Brushy Creek drainage basin including future Sarita Valley Ranch subdivision. Ultimately, this will also convey diverted flows from Leander Wastewater Treatment Plant to the Brushy Creek Regional System.

**Location:** Southeastern portion of Leander's ETJ along Brushy Creek between Ronald Reagan and southern limit of Leander's ETJ.

**Status of project:** Design is complete and will be finalized when approval is given for bidding project. Construction schedule is unknown pending status of Sarita Valley Ranch and funding for project. LAN has been engaged to acquire easements for this project on behalf of the City.

**Revised Budget:** \$ 375,573 (design budget), Estimated Construction Cost - \$4,100,000