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**Date:** October 9, 2009  
**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 should be completed by the end of October, weather permitting, heavy rains and muddy conditions have caused construction delays. Traffic signals will be complete in seven to ten days then existing signals will be removed. Placing of topsoil in ditches is near completion followed by installation of soil retention blanket and seeding. Several Safety End Treatments on FM 2243 and inlet at southwest corner of intersection will be completed soon. Type C asphalt surface course will be placed after old signals and poles are removed. Pavement markings and striping will be installed the last week of October.

**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:** Substantial completion in 180 days (September 2009); final completion after 210 days (October 2009).

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

**Project Name:** Bagdad Road Side Walks

**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:** Bids were opened September 30th and the Council awarded the construction contract to Ross Construction on October 1st, contingent upon TxDOT concurrence. Bid documents for were delivered to TxDOT for review on October 6<sup>th</sup>. TxDOT review is expected to take 3 to 4 weeks.

**First advertisement for Bid:** Bids based on 95% drawings are due September 3rd at 3 pm.

**Pre-Bid Meeting:** September 18, 2009 at 2pm.

**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:** December 1, 2009 (Estimated).

**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:** Project is in design phase with an estimated design completion for summer 2009.

**Advertise for Bid:** Dependent upon available funds, design will be complete summer 2009.

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

**Project Completion:** Project Design will be complete in May 2009; 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:** AT&T relocations are complete. Atmos Energy's relocation of medium pressure poly gas lines at Ronald Reagan is complete. Installation of curb and gutter, driveways, sidewalk and topsoil continues. The north sides (proposed westbound lanes) are paved with first four inches of asphalt and open to two-way traffic. Traffic was switched from the south side of the roadway to the newly constructed lanes on the north side of the roadway on September 28th. Recent rains have delayed paving operations on the south side (proposed eastbound lanes) of the roadway. Traffic signal installation continues. The PEC utility pole which contains the AT&T equipment has been removed. Drainage channel improvements at the box culverts are progressing. Change Orders #6 (\$45,783.01) and #7 (\$413,389.79) addressing quantity modifications due to discrepancies in bid package and quantity adjustments due to construction revisions have been approved by the City.

Phase 2 – Design is 90+% complete; environmental assessment reconnaissance and field work is complete. Field crews for SWCA (environmental consultant) have initiated the waters and vegetation assessment and the antiquities permit application has been prepared. Air and noise analysis are complete. Cultural resources field survey and land use area analysis has been initiated. Draft environmental document has been submitted to City of Leander for review and comments. Ninety percent plans have been provided to PEC, Schneider Engineering, Grande and AT&T. TxDOT has advised that this project along with many others is vying for a position in the 2010 letting schedule. The issue is the district has a cap on the State Transportation Program dollars for which they can receive bids - less than all of the projects that want to go to letting. TxDOT and CAMPO are currently in discussions regarding which projects they will select. A utility relocation meeting was held on July 23, 2009. TxDOT and CAMPO administrative staff met August 5, 2009.

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

**Pre-Bid Meeting Phase 1:** February 3, 2009.

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

**City Council Awarded Contract:** February 19, 2009.

**Pre-Construction Conference Phase 1:** April 8, 2009.

**Issue Notice to Proceed Phase 1:** Issued April 1, 2009.

**Begin Construction Phase 1:** April 10, 2009.

**Project Completion Phase 1:** Substantial completion within 270 calendar days and readiness for final payment within 300 calendar days. A request for an increase in the contract period provided for completion has been requested by the Contractor due to delays caused by conflicts with utilities which were to be relocated before construction began.

**Phase 2 Advertise for Bid:** Unknown at this time.

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

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

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

**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:** Contractor has resumed site work after having several days of delay due to rain. Electricians and plumbers are scheduled to start work within the next 7 days, weather permitting.

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

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

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

**Project Completion:** June 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:** Parks Department Maintenance Facility Expansion

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

**Project Description:** Construct additional metal buildings at current Parks Facility located on Municipal Street for equipment and storage.

**Location:** 406 Municipal Drive.

**Status of Project:** Complete.

**Revised Budget:** \$ 127,106.00

**Project Name:** Police and Fire Communications

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

**Project Description:** Public Safety Dispatch (800mhz Radio System) includes County-Wide trunk system, two-position console, PD subscribers (50 units), FD subscribers (110 units), CAD/RAM.

**Location:** 705 Leander Drive.

**Items Purchased and Functional:** The Williamson County Regional Communications System, for police and fire departments, is a part of the Austin-Travis County-Williamson County system. All hardware and software for the police dispatch center have been purchased and are fully functional as well as field mobile and portable radios for fire and police. This communications system provides region-wide public safety communications. An enhanced 911 mapping system has been installed by CAPCOG to facilitate police and fire dispatch.

**Status of project:** Complete.

**Revised Budget:** \$ 2,033,707

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

**Engineer Firm Name:** Undetermined.

**Contractor:** Undetermined.

**Location:** 705 Leander Drive.

**Advertise for Bid:** Undetermined.

**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. Architects 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:** Facility location is being determined.

**Begin Construction:** To be determined.

**Project Completion:** April 1, 2010.

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

**Project Name:** Public Works Facility

**Contractor Firm Name:** Metate Construction

**Project Description:** Additional 50' X 80' building with electrical and Sign Shop modifications including climate controlled fabrication room and storage.

**Location:** 805 Municipal Drive.

**Status of Building Project:** Complete.

Status of Driveway Project: Plans being prepared, approximately 90% complete.

**Advertise for Bid:** December 18, 2008.

**Bid Opening:** January 16, 2009.

**Begin Construction:** February 23, 2009.

**Project Completion:** May 2009.

**Revised Budget:** \$ 279,634

**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:** Capital Metro sent all of their final As-Builts of the Signal Crossing Warning System to CTC last week so that CTC can finalize their crossing design for Sonny Drive. BWR is awaiting those documents, as well as quantities and cost estimates, and should receive CTC's documents in approximately two weeks. Once received BWR we will incorporate them into their plans/specifications and submit the project to Capital Metro, TDLR, and TxDOT for final permitting. CTC is confirming with Capital Metro what effect, if any, recent developments with Federal regulators will have on the Sonny Drive project. They should know shortly.

**Advertise for Bid:** December 2009 (estimated).

**Begin Construction Date:** February 2010 (estimated).

**Project Completion Date:** Roadway – Summer 2010; RR Crossing – Late Summer/Early Fall 2010 (both estimated).

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

**Project Name:** SRI Building Completion

**Contractor Firm Name:** Braun & Butler Construction

**Architect Firm Name:** Wiginton Hooker Jeffry

**Project Description:** Finish out new Police Station at Leander Drive and Sonny Drive.

**Status of project:** Complete.

**Revised Budget:** \$ 1,221,032

**Project Name:** City Hall Remodel

**Contractor Name:** Braun & Butler Construction

**Architect Firm Name:** Wiginton Hooker Jeffry

**Project Description:** Renovations of City Hall.

**Location:** 200 West Willis.

**Status of project:** Complete.

**Revised Budget:** \$ 202,564

# 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 – Original project is complete, additional work to install main across 183A is under way with completion expected in December 2009. 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 – Segment 2 – Construction is substantially complete, and Keystone Construction is performing final clean up for the project. Final completion is expected in October 2009 ahead of schedule. Pending the outcome of lawsuit and appeal with the Block House Creek MUD, the future Segment 3 of the project will be required to extend the wastewater line through Block House Creek MUD and to abandon the Horizon Park Lift Station. Installation of the 24" diameter wastewater line under the 183A access lane bridges begins next week (Sept. 28<sup>th</sup>). CTRMA recently issued their permit to work within their right-of-way.

**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)

**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