



What's In The Works



City of Belton Public Works Department

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Message from the Director



This has been one of the more challenging three months we've

experienced, largely due to several large scale projects picking up steam at the same time. In our post-Accreditation life the team continues to work smart and efficiently, and grow stronger. This is not a mistake-free team nor is it perfect by any means, but the customer can be sure that this team is working smart and in the customers best interests. There has been some turnover in personnel that has presented some challenges recently but staff is being extremely diligent in the search for replacements. We know we are only as good as our weakest link so hiring the right personnel is critical to us.

Development of the new Strategic Plan is underway as we have received invaluable input from the Public Works Committee (citizen advisory group) and an ad-hoc group of business owners and partners in the community. Staff will be working over the next 90 days to create the new plan to be adopted by the City Council. One of the more strategic objectives is where to secure the City's

water, long term. Staff is working with KCMO and WaterOne of Johnson County, KS to determine best approach for the long term. Currently, the City receives all of its water from one supplier, KCMO. As our community is well aware of, the costs for manufacturing safe drinking water and distributing it to the customers is getting more expensive, so securing the best source (s) under the best contractual relationships is prudent and a high priority.

Staff has been working with the City Council to determine how best to tackle several stormwater issues/projects, and its deteriorating streets, particularly residential streets. There is no answer yet to funding those needs as there is no stormwater utility with dedicated revenues, and the sales taxes and motor fuel taxes that fund the transportation system have been stagnant for several years.

To conclude on a bright note, the team is excited about the future and here to serve the customers. We are working hard to meet your expectations.

Sincerely,

Jeff Fisher

Director of Public Works

Belton Gateway Project



The Belton Gateway Project is the next phase of construction in the completion of Markey Parkway. Due to its unique nature, this project is on an expedited schedule and is currently under

construction! This new roadway will connect the intersection of 163rd street and Markey Parkway to Quik Trip Way. It is anticipated that this section of Markey Parkway will bring a new Academy Sports + Outdoors department store to Belton! In general, the Transportation Development District will be providing funding for this project, and the execution is a public – private partnership between the City and Y Belton, LLC.

Street Preservation Work Completed

In November, staff utilized the Unit Rate Price Contract once again. This year's work included 19,320sy of micro surface for Main Street and Loop Road, 711 tons of asphalt for Spring Court, Spring Street, Lillard and Blue Avenue, 817sy of base repair, 4,300 lf of curb replacement in the Somerset Subdivision and 190,000 lf of striping for a combined cost of \$338,000.

The Unit Rate Price Contract was a huge success for Belton and other communities as it provides better pricing with less administrative time. Thank you to Superior Bowen Asphalt Company for being a valued partner the last three years. Staff is currently working on next year's contract and will be looking to improve on its success.

Cleveland Lake

Construction of Cleveland Lake is complete! Not only is the Lake a major storm water feature for Belton, it also includes a one-mile asphalt walking trail system, two boardwalks, three fishing jetties, and a boat ramp for our citizens. The lake serves as a major key in the ongoing process of completing the City's storm water master plan, as well as, adding leisure and recreational facilities for public use. Furthermore, there will be a disc golf course installed at the Lake in the Spring of 2014. The official Grand Opening of the Lake was held on Wednesday, October 22nd as shown in the picture. The City encourages all citizens to use this facility in the future!



Markey Parkway

The final phase of Markey Parkway to connect Mullen Road and State Highway Y is currently in the final design stage. Final design is anticipated to be complete in early 2014 and construction will begin shortly thereafter with an expected completion date of August 2014. In addition to the roadway design, the City's consultant is designing a regional stormwater detention area that developers within the drainage basin can utilize to consolidate storm water runoff.

Adopt-A-Street and Adopt-A-Stream



The Public Works team has developed the enrollment documents and a webpage for the Adopt-a-Street program. This program will help keep our streets and waterways free of pollution. The Adopt-a-Street signage has also been finalized, and the Adopt-a-Street program is up and running at this time!

The Adopt-a-Stream program is also under development and will be available next calendar year. If you're interested in participating in these programs, please contact the department at (816) 331-4331 or visit the City's webpage at <http://www.belton.org/index.aspx?nid=529>.

New Employees = New Ideas



The Transportation Division would like to welcome two new additions to the crew, Robert "Bobby" Wray and Jason Trude. Bobby brings numerous years of experience and ideas from

MoDOT. Outside of work, he enjoys taxidermy, wood carving and attempts to be a free-lance comedian. Jason has vast knowledge in electrical and maintenance activities and has a great willingness to learn. Jason enjoys working on cars, golf and family time. Both of these guys have been great additions to our crew!

Water Tower and Transmission Line

Design for this project is complete and was publicly bid in December. The proposed three million gallon elevated storage tank and associated waterlines in Markey Park is set to begin construction in March 2014. The purpose of the project is to provide additional capacity and storage to the City's drinking water system. This initial component is the beginning of a multi-phase program to address deficiencies in the City's drinking water system. These improvements will enhance the City's ability to provide water during peak demands. Funding for this project is provided by a bond approved by the voters in April 2013.

Markey Parkway Traffic Signals

The signals at Markey and 163rd have been dark for some time, just waiting for development and a road. Their dream of working is just around the corner. These signals were recently turned on in flash mode to allow drivers time to get acclimated to them actually working. In the next few weeks, crews will be working to install equipment to make these fully functioning.

Did You Know?

The City of Belton corporate city limit is 14.3 square miles in size.

The highest elevation in the City of Belton is 1,123 feet.

The lowest elevation in the City of Belton is 908 feet.

In total, the Public Works Department is responsible for maintenance of 256 lane-miles of streets, 51 miles of storm sewer, 126 miles of sanitary sewer, 2,734 sanitary sewer manholes, 128 miles of water lines, and 1,202 fire hydrants!

Wastewater Treatment Plant Improvements

Design of improvements to the City's Wastewater Treatment Plan is ongoing by Carollo Engineers. The proposed upgrades involve several elements of the City's existing plant to provide greater capacity and allow for new development in the City. Funding for this project is provided by a bond approved by the voters in April 2013.



The Water Services Division is happy to welcome Jeff MacMillan, Zach Galvin and Shane Smith as our newest employees. They each started in the 4th Quarter of 2013 and we look

forward to working and learning with them as they begin their careers with the City of Belton.

We are what we repeatedly do. Excellence, therefore is not an act but a habit.—Aristotle

Statistics: October 1st—December 31st

Transportation

- 599 potholes repaired
- 15.29 tons of asphalt used for potholes
- 120.86 tons of asphalt used for patches
- 1,500 pounds of crack seal material used
- 33 signs repaired & replaced
- 12 traffic signals & Main St street lights repaired
- 56 storm drains & culvert pipes cleaned
- 45 feet of curb replaced
- 466.5 cubic yards of debris removed while sweeping
- 463.4 tons of salt used during snow & ice removal
- 1,100 gallons of salt brine used to pretreat roads

Water Services

Maintenance Operations

- 268,000,000 gallons water pumped
- 10 water breaks repaired
- 2 water taps (new service)
- 9 responses to sewer backup calls
- 808 Missouri One Call locates

Treatment Plant Operations

- 71,718,000 gallons of wastewater treated by Belton's Wastewater Treatment Plant
- 97,560,000 gallons of wastewater treated by the Little Blue Valley Sewer District
- 29.1 dry tons of sludge produced by Belton's Wastewater Treatment Plant
- 8.2 inches of rainfall recorded at Belton's Wastewater Treatment Plant

Vehicle Maintenance

- 100 vehicle/equipment repairs completed

Transparency in Winter Weather Operations

The Transportation Division recently completed a new webpage detailing the winter weather operations for the City of Belton. You will find valuable information regarding this service, along with links to route maps, links to MoDot travel conditions and even tips on how to clear your drive to reduce the amount of snow deposited by city plow trucks. The webpage can be found at <http://www.belton.org/index.aspx?nid=535>.



613 Mill Street Sanitary Sewer Line Relocation



Construction of this new sewer line near the east side of Yeokum Middle School is nearly complete. It is the final project of a FEMA disaster relief program from flooding in 2010. The sewer was adjacent to a stream and was becoming exposed due to natural

stream erosion. The project relocated this sewer outside of the stream channel to ensure the sewer does not become exposed. In addition, the project decreases the amount of rainwater infiltration into the sewer system. The project will be complete in March 2014.

Turning Employee Ideas Into Reality

In Public Works, safety is a high priority in everything we do and installing salt spreaders in the winter can be dangerous. It involves ladders, climbing the sides of trucks, snow/ice and very narrow walking surfaces 6-8' above the ground. The crew had seen different styles of self-standing spreader racks at trade shows, other municipalities and at MoDOT and thought this is something we needed to do. All we needed was some metal, a few supplies and a little shop time. After some deliberation, some drawing, taking some photos, measuring, welding, re-measuring, some more welding, and a little paint, we now have our first free-standing spreader rack. No more climbing the side of a truck to unchain the spreader or scaling an icy ladder.

The new spreader rack can be backed into, fold and set in the truck as one unit with the spreader eliminating any potential work place injuries. When you're done you drop the back legs raise the bed a little and out it comes, standing all by itself. Great job to everyone that worked on this project!! Keep the ideas rolling along!

