



Belton 'Works' Year in Review



FY 2014 Annual Report

How Do You Fund Your Public Works Department?

Drinking Water:

Water Rates (monthly)

New homes and business- New Connection fees (one time)

Wastewater (sanitary sewer):

Sanitary Sewer Rates (monthly)

New homes and business- New Connection fees (one time)

Transportation System:

Motor Fuel Tax- collected by the State and distributed to cities based on population no matter where the fuel is sold (has not been updated since 1993)

½ Cent Local Sales Tax

A portion of the Cass County Road & Bridge Tax (roughly \$210,000 per year)

Motor Vehicle Fees

New homes and business- street impact fee (one time) for arterial street only

Stormwater:

There are no dedicated revenue sources received from citizens or businesses toward the storm-water system.

Our Mission

Provide the safest & most reliable infrastructure & services possible for Belton residents, businesses, & visitors by questioning, listening, planning, & measuring results with a great deal of care.

Our Values

Leadership, Integrity, Trust, Customer Service, Teamwork, Communication, Positive Attitude, Dedication, Devotion

Our Vision

To be the best we can be at everything we do.



PUBLIC WORKS

Administration



Director's Message

FY 2014 was a year of achievement. Among other important accomplishments, the community now has a Public Works Department that is one of less than 90 departments in all of North America that is accredited by the American Public Works Association. This program is to make sure the department is disciplined in utilizing best practices in the citizens best interests.

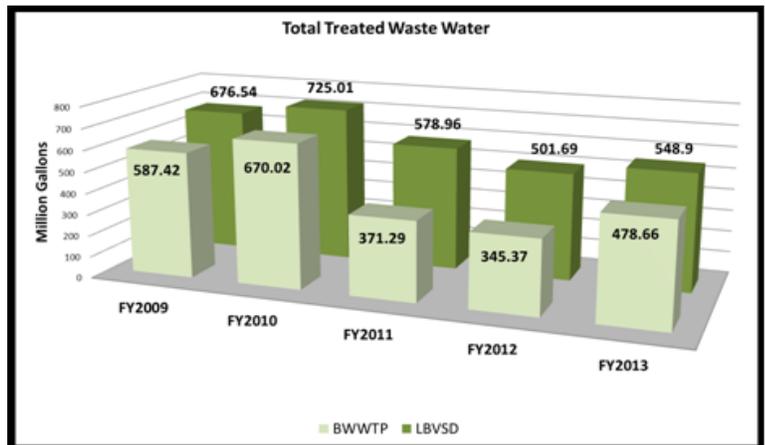
The Public Works team played a key role in securing a low interest loan (less than 2% interest) from the State of Missouri to fund the voter approved water project, saving millions in interest expenses over the next 20 years. Many projects were completed FY 2014, like the Cleveland Lake project that has been met with great enthusiasm from the public.

You can be proud of the Markey Parkway construction that took place over the winter as it was conducted under strict, cold-weather engineering requirements and with great collaboration with the developer and contractor.

The Public Works Department wrapped up its second strategic planning cycle in three years and is now developing a new three-year plan.

Department Scorecard

The department began identifying important measurement indicators and graphing them so key patterns and trends can be recognized and monitored over time. Improvements and corrections can be made as a result and the data is now provided to the public in an effort to be transparent and informational. The following is an example and is utilized as an indicator of the effectiveness of the very aggressive sanitary sewer inflow and infiltration reduction program that saves the community real dollars in treatment costs over time.

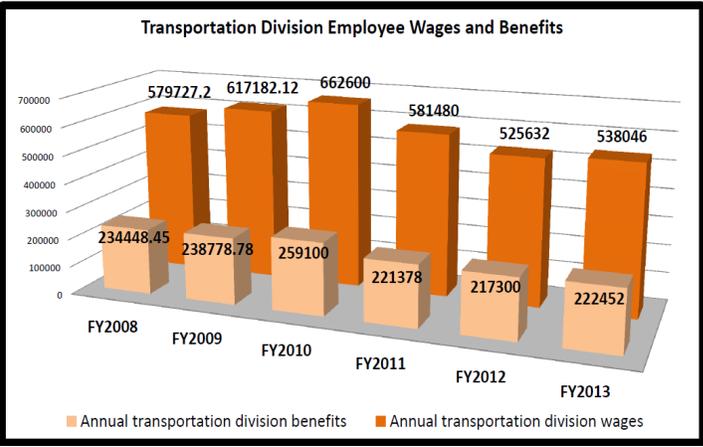
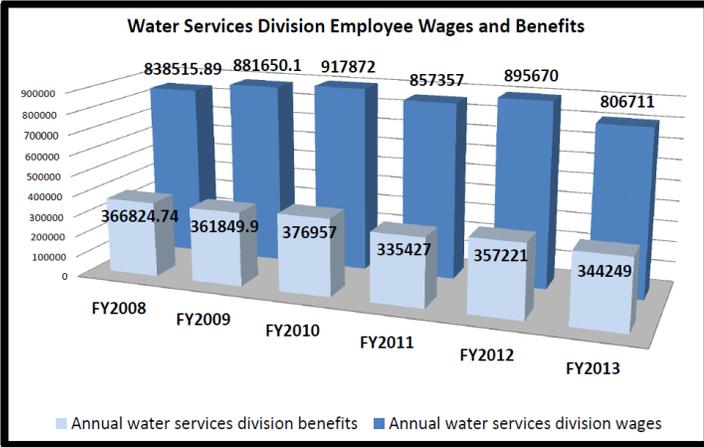


The department is considering the idea of creating a webpage on the City's website with a variety of similar graphs for public viewing. There are some additional graphs throughout this document.

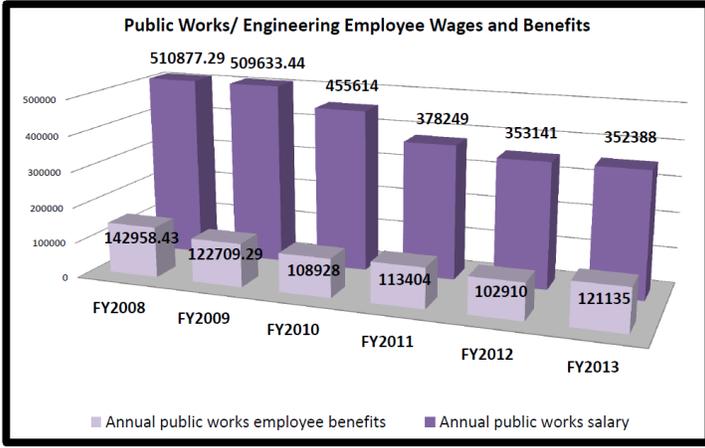


Shout Out to the Public Works Committee!

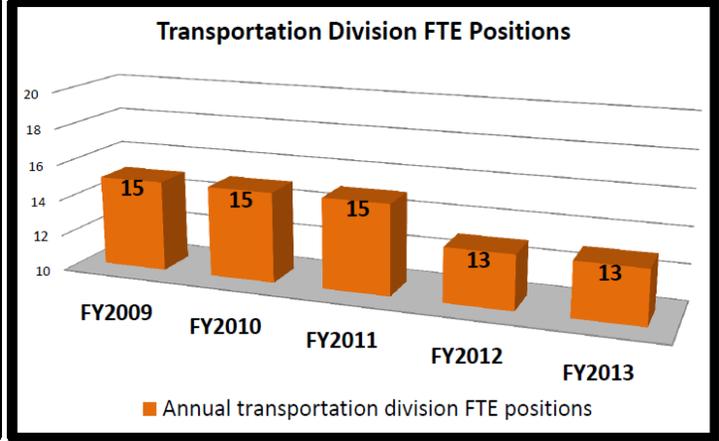
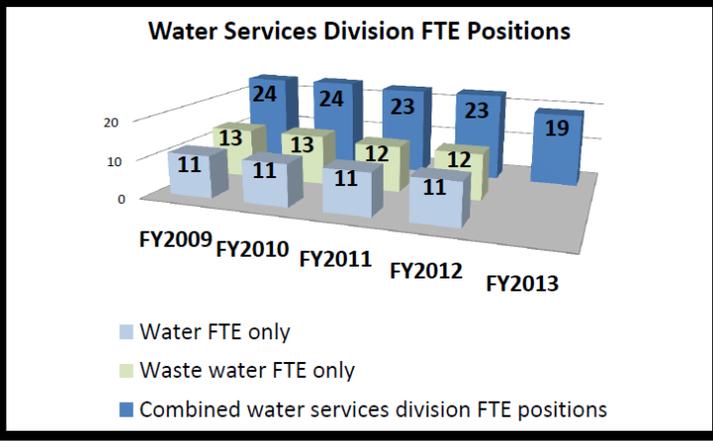
We want to thank Randy Hendricks, Chris Stewart, Steve Bennett, Kevin Fox and Councilman Trutzel for their time and sacrifice to help the team develop sensible solutions for the welfare of the community.



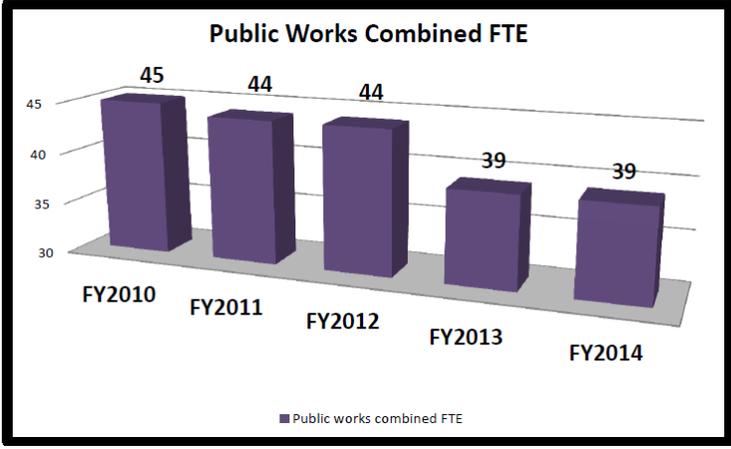
Through proactive restructuring, turnover & responsible management, Public Works has controlled costs in salaries & benefits.



The Department looks to stay lean and efficient, but create sustainability in its employee rewards & benefits program.



Lean



Efficient

FTE = Full Time Employees



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Engineering



Markey Parkway and Belton Gateway



The Belton Gateway Project includes construction of the next phase 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. The first store is a new Academy Sports + Outdoors department store! Completion of the store is expected sometime in August 2014.

Markey Parkway & Towne Center Drive Improvements

The next phase of Markey Parkway, to connect Mullen Road to Y-Hwy/163rd Street, has been advertised for bids. Bids were opened on Friday, February 28th, and award of the contract is awaiting approval with an estimated construction completion date of September 2014.

The project also includes the extension of Towne Center Drive to a proposed intersection with Markey Parkway.

In addition to the roadway design, the City's consultant, Olsson Associates, has designed a regional stormwater detention area that developers within the drainage basin can utilize to consolidate storm water runoff.

Reducing Maintenance costs: Cedar Tree Lift Station Removal

The Cedar Tree Lift Station Improvements include abandoning the existing structure lift station and constructing approximately 2,600 feet of gravity sanitary sewer system. The project is part of a series of sanitary sewer and lift station upgrades taking place within the City. Preliminary design of this project is underway and construction is expected to begin in June 2014.

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. Completion is an achievement 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. It should be ready for fishing in 3-4 years. Hope you enjoy!

613 Mill Street Sanitary Sewer Improvements



This project includes the relocation of a sanitary sewer line north of Sunrise Drive and south of Mill Street. The sewer is currently adjacent to a stream, and was exposed due to

natural stream erosion. In general, the project includes realigning the sewer line further west from the stream, installing new manholes, stabilizing the stream bank at crossings, and seeding the construction site to decrease the amount of rainwater infiltration into the sewer system.

This project and several others are part of a FEMA Disaster Relief program from 2010.

Belton Gateway: 155th Street Widening

Belton has worked with Grandview to secure Surface Transportation Program Funding (STP) through the Mid-America Regional Council. STP funds would pay for 80% of the project construction costs, with the remaining costs to be split between Belton and Grandview. Construction is expected in 2016 and 2017. See diagram on page 7.



Transportation



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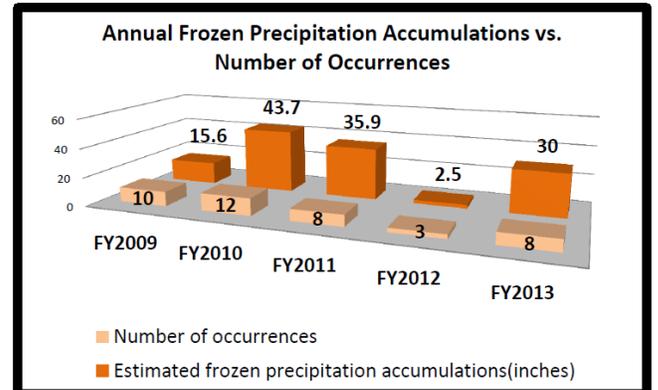
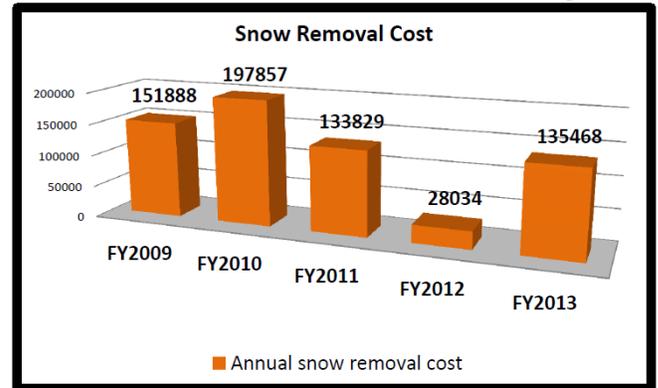
BRRR!!! This Past Winter Was Frigid!

The 2013/2014 winter is one to remember, or forget, which ever you prefer. In total, the City of Belton received 10 storms with 22.5” of snow and several rounds of freezing rain and sleet. The temperature was the main threat as reports indicated this was one of the coldest winters in the past 20 years. Let’s all hope for the glorious El Nino winter next year!!

Year In Review

FY2014 proved to be a busy one as crews and staff continued to develop efficiencies within all maintenance activities. Being data driven is important to the long term success of the Division. The following provides an abbreviated re-cap of work completed this past year:

- Street Preservation
 - Spring
 - Spring Court
 - Lillard
 - Blue Avenue
- Twin Oaks Emergency Storm Sewer Replacement
- Micro-surface Project
- Street Striping
- Markey and 163rd Signal Updates and Activation



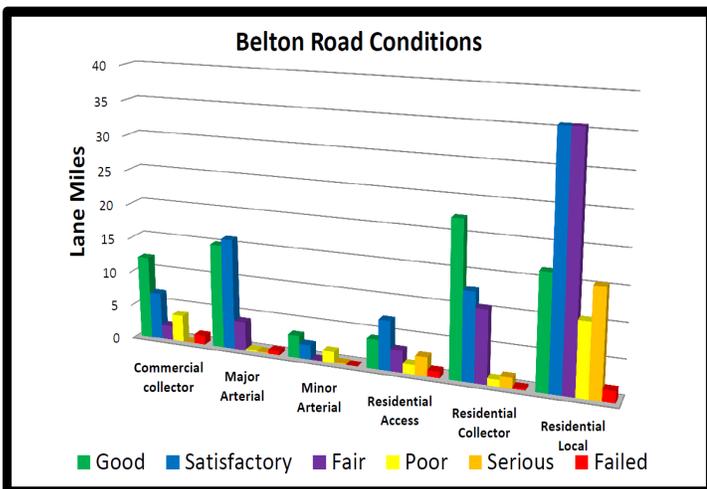
A Different Light, Save Money...

This past year staff worked with GSC lighting and KCPL to acquire new LED lights for Main Street and Loop Road. This project will replace 77 of the existing 175W metal halide bulbs with 60 W self- ballasted LED bulbs that reduce energy costs nearly 70%. The total costs of the bulbs were \$23,023 with KCPL providing a 50% rebate. The return on investment is 2 -3 years. The signal crew will be working through May to replace these lights. Make sure you check them out. What a difference!!!

Cleaning Up Belton



In FY2014, the Public Works Department began an Adopt-a-Street program to help keep our streets and waterways free of pollution. You can find out more information about this important program by visiting www.belton.org and selecting the Transportation Division webpage. We look forward to working with you or your organization!





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Water Services



Technology—Improving Today for a Better Tomorrow

During the past year the Water Services Division has utilized several kinds of technology to improve our workday such as:

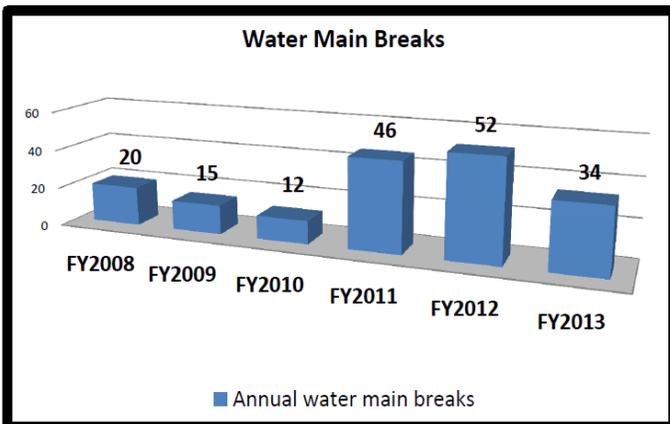
- Tablets - used for Missouri One Call locates, construction plan review, site surveying, communicating between departments and water/sewer repairs.
- City Website - used to help inform customers.
- Asset Management Software (Cartegraph) - used to help track cost and completed work assignments.

You never know what's crawling through the sewer main. City used robotic technology to help teams make informed decisions concerning sewer system improvements.



Replacing Those Old Cast Iron Water Mains

Phase I of this project was discussed last year and will begin in May 2014. It will consist of replacing water mains on Myron Avenue, Belton Avenue, Canterbury Lane and Chadwick Street. Phase II will begin soon after with replacement of water mains on Y Highway between E. South Avenue and Catron Avenue.



Preparation

During the past year teams have worked many hours with Engineering Firms and City Staff to prepare for water and sewer system upgrades. This consisted of researching old plans, surveying building sites, informing customers of changes, completing State of Missouri funding requirements and approving construction site plans. The long wait is over and now it's time to get busy working together to see our construction projects begin and improve system reliability. Additional information is listed below, by project, and updates are available on the City webpage at www.belton.org.

Near 50 Years Old, Holmes Pump Station & 300,000 Gallon Water Tower Improvements

This project will consist of upgrades to pump and piping and electrical and computer controls to improve the reliability of these sites. These improvements will begin late fall 2014.

Largest Water Tower in the State?

The three million gallon water tower will begin construction April 14, 2014, with an 18 month completion timeline. The new 24" and 16" transmission water mains will also begin the same date and have a 3 month completion date. It was discovered a few months ago that this could be the largest water tower in the state.

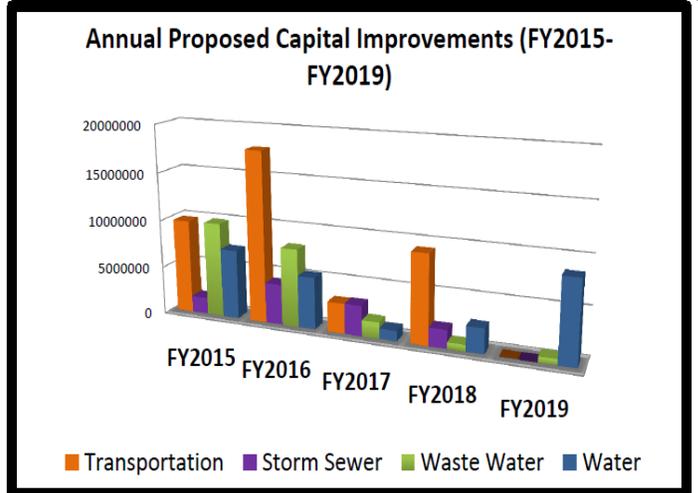
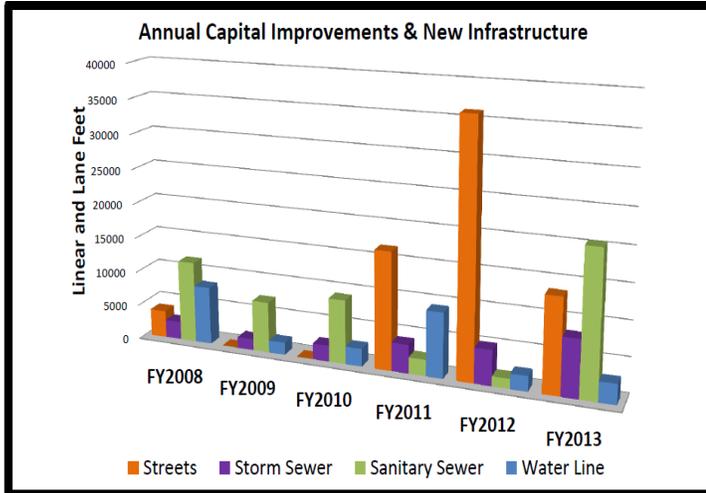
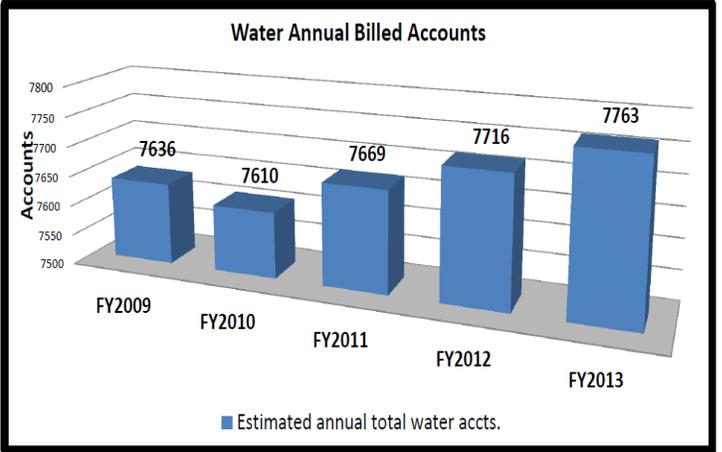
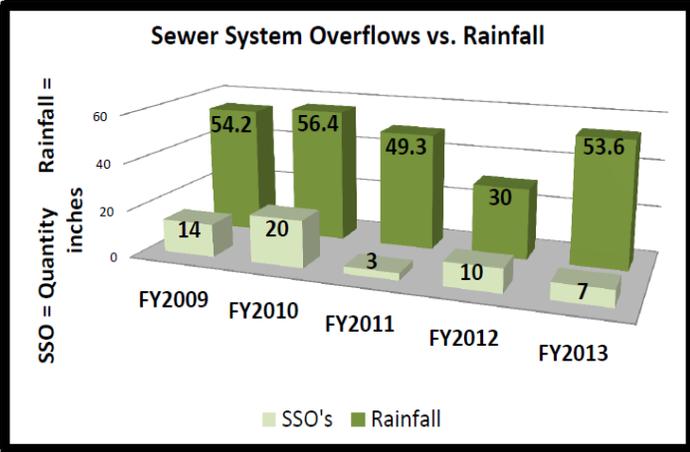
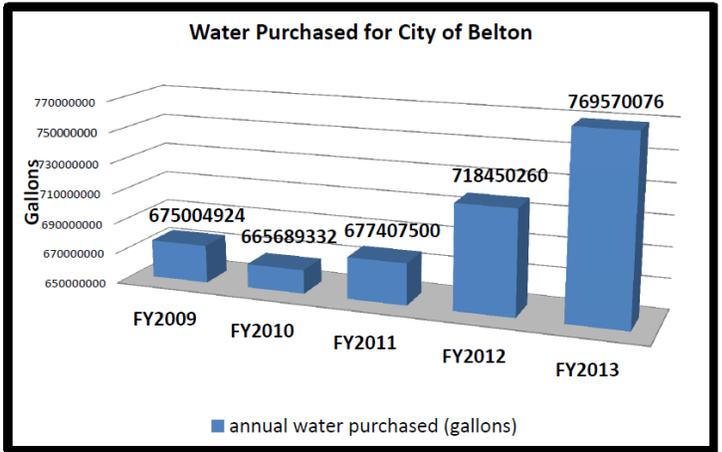
For Your Safety—Always Call Before You Dig

Missouri One Call can save lives, infrastructure and service interruptions. Make sure you call 1-800-DIG-RITE 3 days before you dig.

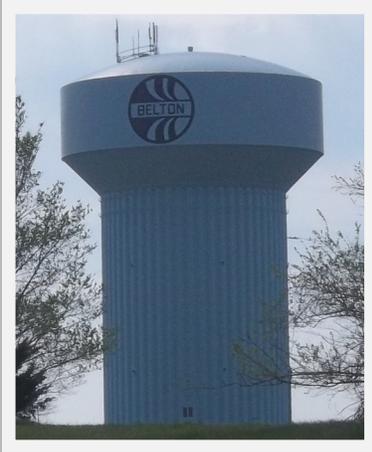


Wastewater Treatment Plant Improvements

Design of improvements to the City's Wastewater Treatment Plant is ongoing by staff and Carollo Engineers. Funding for this project was approved by the voters in April 2013. The purpose of this project is to design new influent pumping and preliminary treatment facilities to handle projected peak flows (through year 2032) at the plant. The City just completed 60% of the design phase of this project with the 90% and final design scheduled to be delivered to The Department of Natural Resources for approval by May 2014.



155th Street Widening Plans



MAYOR

Jeff Davis

CITY COUNCIL

Ward 1

Scott VonBehren

Jeff Fletcher

Ward 2

Chet Trutzel

Jaqueline Cook

Ward 3

Albert Hoag

Everett Loughridge

Ward 4

Gary Lathrop

Tim Savage

Public Works...
Always There For You...
every DAY...every HOUR...
every MOMENT

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