

PUBLIC WORKS AROUND THE STATE

CAPE GIRARDEAU'S NEW WASTEWATER PLANT NOW OPERATING



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Funding for the new facility was made possible by voters during the April 2011 election. New Missouri state regulations required Cape Girardeau to increase its wastewater treatment capacity. During wet weather, wastewater exceeded the previous plant's capacity, bypassing the facility and flowing into the Mississippi River without receiving treatment. The Missouri Department of Natural Resources (DNR) no longer permits wastewater bypass. The new facility brings the city of Cape Girardeau into compliance with the new DNR regulations.

Ground was broken for the new facility on Sept. 7, 2012. Overseen by city staff, plant construction was completed by contractors. This is the largest wastewater facility in Southeast Missouri and is one of the most advanced plants in the state of Missouri. The new facility has the ability to produce a biosolids fertilizer that can eventually be used by consumers, as well as several new features.

More information about the facility and the City's wastewater division is available at www.cityofcape.org/wastewater. □

NEW HAVEN WASTEWATER IMPROVEMENTS

The city of New Haven is anticipating completion of a major wastewater improvement project in spring 2015. The project will replace two existing sewer lift stations with one new station, located adjacent to the City's wastewater lagoon. The new station will handle 100 percent of the City's wastewater flow. The two existing stations, both located in the downtown area, will be abandoned.

The project includes construction of more than 1,900 feet of new gravity sewer main. The new mains will carry wastewater flow from the existing stations to the new station, that will be built near the site of a UV disinfection system constructed in 2012.

The two stations being replaced both date from the 1960's and are in need of replacement. A federal grant is paying for a portion of the project. The remainder is being financed through a Certificates of Participation issue approved by the Board of Aldermen.

Unnerstall Contracting Co., Pacific, is the general contractor. Donahue and Associates is the project engineer. The total project cost is just over \$1 million. □



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ROADWAY PROJECTS UNDERWAY IN THE CITY OF LEE'S SUMMIT

The Lee's Summit Public Works Department has several major projects taking place in 2015.

- The Orchard Street Improvement Project is the City's first design-build project and was approved by voters in a 2013 no-tax-increase general obligation bond election. The project will provide new pavement, curb and gutter, an enclosed storm drainage system and complete sidewalk connectivity throughout the area.

- Private utility work is underway and road construction is set to begin in July for the Lee's Summit Road Improvement Project, one of six projects funded by a 1/2 cent Capital Improvement Sales Tax approved by voters in 2007. The project is a joint venture with the city of Kansas City. The project includes building a three-lane road with turn lanes, paved shoulders, a multi-use path, street lighting and utility relocation.

- The Strother Road project includes reconstruction of the road on a new alignment north of the existing road, and will have two lanes paved with shoulders. The new alignment is necessary for improvements to the Lee's Summit Municipal Airport. The project was approved by voters in a 2010 no-tax-increase general obligation bond election.

For more information about the Lee's Summit Public Works Department, visit LSpw.net. □



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CAPITAL IMPROVEMENT CAMPAIGN FOR CITY OF PERRYVILLE

The city of Perryville has embarked on an ambitious Capital Improvement campaign. New mayor, and former city engineer, Ken Baer wanted the City to refocus on strengthening its infrastructure. It took little convincing, as the rest of the City's leadership is right behind him. In the next 18 months, the City of Perryville will strategically spend down reserves to complete the following projects:

- Line more than 5000 lineal feet of sewer mains
- Renovate or repair 20 manholes
- Install a new UV system at the water treatment plant
- Install more than a mile of new 10" water mains
- Install almost 5 miles of new natural gas mains
- Erect two new elevated water tanks
- Change-out every water meter in the City and replace with a new AMR system
- Add an AMR ERT to every gas meter in the city
- Change the sanitation system to new roll-out carts
- Complete a \$200,000 WWTP study
- Remove one existing elevated water tank
- Install a new computer odorization module for the natural gas system
- Change out every street sign in the City, replacing with the new upgraded reflective signs

"We are building an infrastructure that will serve our citizens for the next 40 years or more" says City Administrator Brent Buerck. "Our customers will benefit from added reliability, increased safety and we think there will economic savings as well." □



Perryville Public Works Superintendents Charlie McLeod, David Clements, Tim Britt and Jeremy Meyer have a lot of work ahead of them!