

CASE STUDY

Hilltop Companies helps Newport, Kentucky make a lasting impression

New roundabouts improve the flow of traffic and serve as a welcome mat to the state of Kentucky

CHALLENGE: The state of Kentucky identified the need to improve the flow of traffic through the city of Newport, Kentucky. In addition to the transportation upgrade, the city set out to develop a destination for new businesses. This large of an undertaking meant there were many stakeholders from the city, county and state interested in the design and final outcome of the project.

SOLUTION: Key Stakeholders were extremely pleased when PRUS Construction won the contract to lead the three-phase project with Hilltop Companies as their concrete production partner. "Hilltop was an easy choice because of their reputation for high-quality product and high-quality customer service. Their product performance is always consistent; we don't have to worry about one batch setting up differently than a previous batch. Their customer service is just as reliable, they're always there when we need them," said Tim Knapke of PRUS Construction.

APPROACH: Hilltop Companies reinforced their reputation and took a unique approach in order to provide concrete instead of asphalt and for the same price. Rob Franxman, with District 7 of the Kentucky Transportation Cabinet, understands why PRUS would partner with Hilltop because, "they have an innovative approach to challenges and they deliver consistently at a high level each time."

This revamp of the area was completed in phases to limit the impact to the community. The team chose a three-phase approach:

- Phase 1 – North South linear leg of KY9 to larger roundabout
- Phase 2 – Large and small roundabouts
- Phase 3 – Connection section of Phase 1 to south edge of larger roundabout

The original plan was to complete in a standard order but due to some barriers, the final phase, which is under construction at this time, will finish this year. Significant beautification of the larger roundabout is in the planning phase by Newport, Southbank Partners and other contributors.



Situation at a Glance

- State of Kentucky & City of Newport looked to improve the flow of traffic and elevate the aesthetics of the city so it becomes a destination for the region.
- PRUS Construction was selected as top contractor and partnered with Hilltop Companies for their quality product, service and superior long-term wear of concrete versus asphalt.
- Hilltop Companies provided both aggregate & ready-mixed concrete for all phases of the project.
- New traffic pattern is moving cars out of the neighborhood streets making the community easier to travel and safer for the residents.



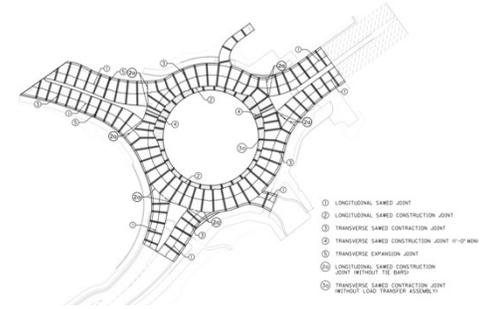
September 2016 – Site Preparing for Big Roundabout (KY9)

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This project is more than just changing traffic patterns, it is also creating a destination for the community. No detail was overlooked. For example, LED lighting was installed between the two roundabouts to improve safety when driving or walking the area. The crosswalks include red brick style concrete stamped pattern making it more aesthetically appealing and safer than a standard grey concrete. This development is supporting local business growth in the area and building excitement across the community.

RESULTS: Key Stakeholders are pleased with the progress of the construction and look forward to completing it in the fall of 2018. The new roundabouts created an easy connection from Newport on the Levee to the Covington Bridge to I-275. This made the city of Newport much more accessible and attractive for people to visit and stay in the area. The community is also experiencing excitement with this new design. The opening of the new roundabouts has significantly reduced traffic on the community streets making them safer for residents and the area easier to navigate for visitors.

Hilltop Companies, along with PRUS Construction & KYTC, were awarded the "Concrete Design Awards 2018" for their creativity in this project by the Kentucky Concrete Association.



Plans for Concrete Joints for Little Roundabout (KY9) – 5-legged roundabout at base of bridge to Covington



Pouring of Big Roundabout (KY9) October 2016



Side view of Final Big Roundabout (KY9) – May 2018



Final Arial of Small Roundabout

Want to learn more about Hilltop capabilities? Contact us today!

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