



# Southeast District

800 BetterBridges



## Statewide SAS Program

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The Safe and Sound program will replace or rehabilitate more than 800 of MoDOT's most worn-out bridges in five years. To do this, MoDOT is dedicating about one-third of its annual existing federal bridge replacement funds to finance the program without a tax increase or additional funding. Payments are expected to be in the neighborhood of \$50 million per year.

The Safe and Sound program began in September 2008 with quick start bridges. With most of the quick start bridges completed, the second phase of Safe and Sound is now beginning—design-build.

Unlike the quick start bridge projects, which included deck replacements, the design-build bridges have been targeted for a total replacement. There are more than 550 bridges statewide included in the design-build contract.

In May 2009, the Missouri Highways and Transportation Commission awarded the design-build contract to KTU Constructors.

## About KTU Constructors

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KTU's proposal, to build all 554 new bridges by the end of 2013 at a cost of \$487 million, was deemed by the Commission to be the 'best-value.'

The KTU Constructors team is led by Kiewit Western Company, Traylor Bros., Inc., United Contractors, Inc., HNTB Corporation and The LPA Group, Inc. They will be responsible for design, construction, project management and public outreach for all 554 bridge projects, and will be joined by a host of Missouri-based subcontractors and material suppliers.

Besides offering the most economical project delivery, speed of construction and flexibility in construction schedules to respond to local issues were also critical components when MoDOT chose a contractor to complete the design-build bridges.

## Design-Build Bridges and District 10

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There are 68 design-build bridges in the Southeast District.

When scheduling the design-build bridgework, MoDOT and the KTU Constructors worked together to create a schedule that did not conflict with local community annual events, the contractors' plan or MoDOT's STIP projects.

In the end, District 10 and KTU Constructors developed a plan to have the Southeast District bridges completed in two to three years.

Similar to the quick start bridge projects, the design-build projects will also involve road closures when possible. For bridges on low-volume routes, the contract requires the average closure be 45 days. However, on divided highways and in high-traffic areas, work will be staged to reduce the impact on traffic.

Road closures during many of the Safe and Sound projects are part of being a good steward of taxpayer money. If MoDOT constructed temporary bridges to keep the roads open, it would add approximately \$250,000 to the cost of each project. By closing these roads, MoDOT is able to use the money saved to make other needed improvements.

## For More Information

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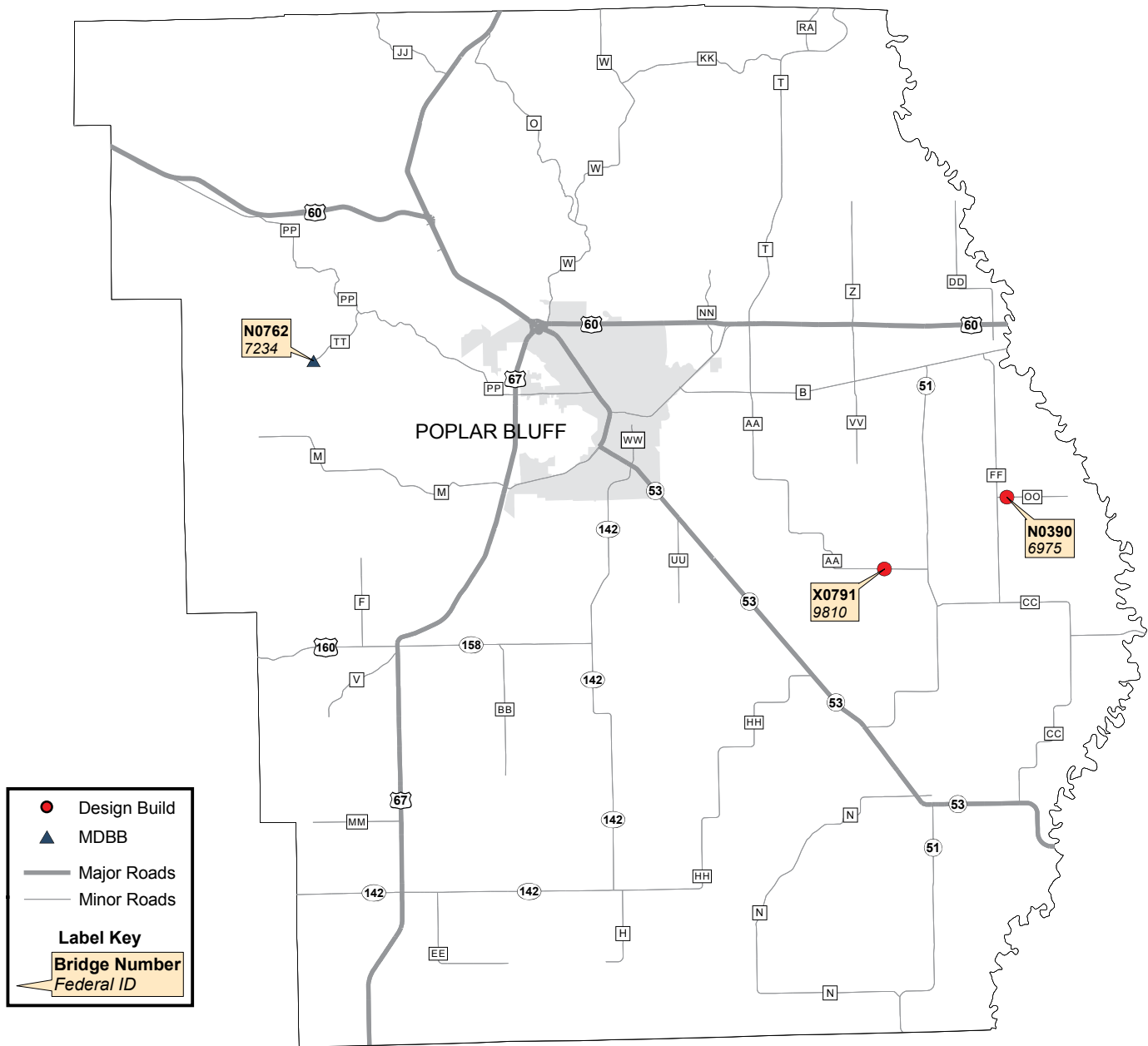




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## Design-Build Bridges: Butler County

Improvements through the Safe and Sound Bridge Improvement Program began in Butler County with the quick start project on the Route TT bridge over Ten Mile Creek. The project included replacing the deck of the Route TT bridge. Additionally,

the program includes two design-build projects in Butler County. Unlike the quick start project, the design-build projects will consist of total bridge replacements. As construction is underway to replace the remaining bridges, the roadway will remain closed.

The Route OO bridge is located east of Route FF. Work could begin as early as the week of September 20.

Work to replace the Route AA bridge located near Mayberry could begin as early as the week of October 11.

### August 2010 Award:

**N0390:** Route OO Inter River Drainage District Ditch No. 16 Closure: Sept - Oct 2010

**X0791:** Route AA Inter River Drainage District Ditch No. 10 Closure: Oct - Nov 2010