



## **An E-Update**

Prepared by Organizational Results  
Missouri Department of Transportation

**July 2007**

Volume 2, Issue 4

### **Website Connects Researchers with MoDOT**

Beginning this month, researchers now have online access to the latest research projects out for proposals. Researchers can download all the information needed to complete a proposal from the MoDOT internet site. The site will also serve as a bulletin board for questions and clarifications about specific proposals. Public and private researchers can also sign up to receive email notifications when new proposals are posted. Take a look at what's out there so far. [Current Research Request for Proposals](#)

### **Study Details Economic Impact of Major Interstates**

Want to check the pulse of Missouri's commerce? Try driving one of Missouri's two major interstates. Now take a look at the businesses surrounding the interstates. More than one out of every three people working in Missouri works within three miles of Interstates 70 and 44. Each year, the commerce associated with those two roads adds more than \$130 billion to Missouri's gross state product. MoDOT recently teamed with the Department of Economic Development to provide an economic snapshot for both interstates. All the facts are just a click away. [Corridor Economic Impact Study](#)

### **Case Study Documents Practical Design Success**

Practical Design has been a resounding success at MoDOT in delivering projects to meet specific location needs while saving millions of dollars. In just its first two years, Practical Design saved Missouri taxpayers \$400 million. Even when faced with increased construction costs, Practical Design helped the Central District deliver a critical transportation project by reducing project costs by more than 15 percent. You can read the full story in our case study. [Practical Design Case Study](#)

### **Business District Isn't Following Route Relocation ... Yet**

When MoDOT completed the relocation of Route 67 in Poplar Bluff, area leaders wondered if businesses would move toward the new highway. A recently completed study of business locations from 2001 to 2006 indicates the city's business district has remained fairly stable. Industry data shows little movement towards the new route. Geospatial analysis of business closings and openings indicate that businesses are predominantly turning over in the current business district. In addition, analysis of existing businesses finds no significant movement towards the new route. However, a site visit in May 2007, found new businesses and real estate offerings that point toward future economic activity at or near the route relocation. As with any growing city, business developments typically spread to the outer reaches of town as time progresses. Clearly one direction of growth will occur towards the new route. Fortunately planners designed the relief route to have interchanges and to be relatively near the current business district. This should help control where new growth occurs and keep the relief route functioning as originally designed. Move your way to the full report.

[Route Relocation Report](#)

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## **Shotcrete Shows Promise for Bridge Repairs**

Making overhead and vertical repairs on bridge structures can be tricky. Manual methods with rapid set mortar are effective, but time consuming. Now, thanks to a recently completed study by MoDOT staff contractors will have Shotcrete as another option. Field and laboratory testing showed Shotcrete to be a viable option for these types of bridge repairs if contractors follow specifications and some best practices. Care to read something more concrete? [Shotcrete for Bridge Repairs](#)

## **Staff Summaries Now Available Online**

The Innovations Library has a new addition. Now, industry scans and literature searches prepared to assist MoDOT policy-makers will be posted in the Innovations Library. Current postings include:

- Metropolitan Mobility and Congestion
- Non-Traditional Transportation Funding
- Public Perception of Wetlands and Their Possible Impact on Property Values

Check out all the staff summaries. [Staff Summaries](#)

**See all our reports in the [innovation library](#).**

You can also find them at [www.modot.org/services/rdt/byDate.htm](http://www.modot.org/services/rdt/byDate.htm).

