

CASE STUDY

ALL TRAFFIC
SOLUTIONS



MISSOURI DEPARTMENT OF TRANSPORTATION (MoDOT)

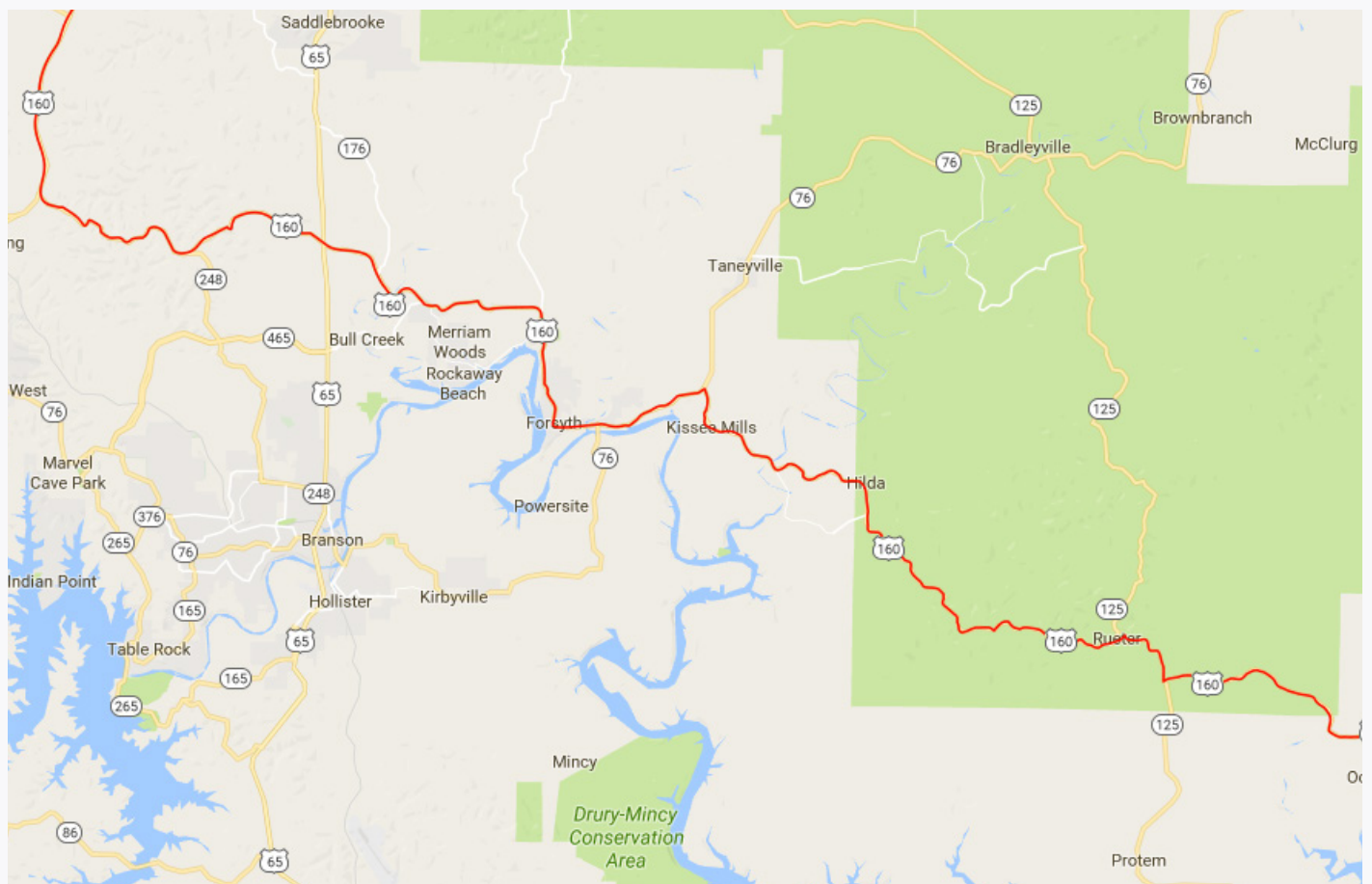
U.S. Route 160 in Taney County, Missouri is one of those idyllic, hilly American country roads that motorcyclists love, due to its twists and winds.

It's also one of the most dangerous for road workers.

"It's one of those roads you can't be out in the middle of during the daytime. It's so curvy, drivers don't see you working," said Mike Bock, Senior Traffic Studies Engineer at the Missouri Department of Transportation (MoDOT).

"There's also nowhere to park a vehicle—no shoulder or driveways." This is hardly an ideal scenario for installing traffic equipment.

Google Map view of Route 160 Taney County 



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Until recently, each time the Southwest District was tasked with conducting a traffic study on U.S. 160, it took a team of workers to place counting equipment on the road.

Several workers had to stop traffic while others worked to nail vehicle counters to the road or lay tubes across the lanes. Then they had to orchestrate the entire process again each time equipment was moved, and again when the department collected more data.

“Standing out in the middle of the road to stop traffic is unsafe,” Bock said. “It takes just one driver not paying attention for something terrible to happen.”

Thankfully no one in MoDOT’s Southwest District had been hurt while installing traffic study equipment in the field, but the threat was real enough for the department to seek out safer alternatives.

“Safety is a major priority with us, and we were trying to find a solution to get us out of the road,” said LeAnn Blankenship, MoDOT Senior Traffic Technician.

Recently, the District bought several StatTrak traffic data collection devices—traffic counters that quickly and easily attach to poles on the side of the road, rather than on the road itself—from All Traffic Solutions. With these new counters, Bock can drop Blankenship off at the side of the road to install the device, and by the time he turns around to pick her up minutes later, she is ready to jump back in the truck.

StatTrak automatically uploads data to a secure cloud-based traffic management system called TraffiCloud™, also from All Traffic Solutions.

From there, report and analytics can be downloaded from any Internet-ready device and distributed to the right people for review and analysis. Additionally, the company makes an Android app to help customers monitor devices.

“One of the advantages of the Android app is that I can ensure that my unit is working properly [without driving to the device],” Blankenship said.

Using StatTrak, agencies like MoDot can access the timely, accurate data they require to complete traffic studies without endangering workers or taking hours out of the field.

Ask us for a personal demo of TraffiCloud™, our traffic management solution that lets you control your traffic devices and data from any Internet-ready device 24/7, providing a new level of awareness while reducing the amount of time needed to manage your devices and traffic data.