

# Real Time Digital Warnings



## OVERVIEW OF INNOVATION

**Kansas City Scout, Gateway Guide, Emergency Response** and Central Office Highway Safety and Traffic teamed up to utilize Real Time Digital Warnings. This technology enables emergency response vehicles to alert motorists of hazards through apps such as WAZE.

**When an emergency response operator activates their** emergency lights, digital warnings are instantly sent to nearby motorists. Motorists will be alerted to the incidents ahead via in-car systems and phone apps. MoDOT's Traffic Management Centers are notified through their software systems.

**Preliminary data in the St. Louis District shows a 40%** reduction in third party crashes as reported by Risk Management in one year after full device deployment as compared with one year of data prior to deployment. Based on these results, the St. Louis District has started to deploy these devices on their truck mounted attenuators (TMA). They currently have eight installed on TMAs with more planned.



Source: Missouri Department of Transportation

## BENEFITS

**With navigation apps becoming more common,** more motorists can be alerted by ER operators. No additional efforts need to be made by the ER or TMC operator to send real time digital alerts to motorists. This advance notification will help drivers be alert and prepare to move over, making it safer for all involved. In the future, this technology can be adopted by all MoDOT fleet vehicles, aiding every district and division.

## FIND OUT MORE . . .

### Makeway Safety:

- <https://www.makewaysafety.com/>

### HAAS Alert:

- <https://www.haasalert.com/>

### Missouri Department of Transportation:

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Keywords: Emergency response/relief, Public involvement, Safety, Technology, Traffic incident management