

Session 2.2.2 PennDOT's Road Closure Reporting System (RCRS) Phase II

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Last year at GIS-T in Columbus, PennDOT and GeoDecisions unveiled a web-based prototype of the initial release of RCRS, which is the standard statewide tool used by all PennDOT Engineering Districts to ensure consistency and accuracy when reporting road closure information on state roadways. For each reported road closure, the RCRS captures information such as county, SR, beginning and ending point, and the estimated time when the road will be reopened.

RCRS Phase I was deployed to production via the Intranet in late September 2006 and serves as the initial building block of a statewide incident reporting tool to be used within PennDOT's proposed Statewide Strategy for Traffic Management Centers. PennDOT's vision is to have two Regional Traffic Management Centers (RTMCs) and a Statewide TMC / RTMC operating 24/7 to effectively address the operational needs of Pennsylvania's urban and rural transportation network. RCRS will be the main tool for reporting incidents along the state highway system.

Phase II of RCRS tackles the reporting of closures and lane restrictions for construction projects and maintenance activities in real-time. Today, PennDOT's Engineering Districts collect and report closure information regarding construction and maintenance activities in various formats and layouts. RCRS Phase II will consolidate the reporting activities into one uniform format and have a single interface to display these closures and restrictions to users.

GeoDecisions has been working with PennDOT's Bureau of Planning and Research (BPR) to support the Bureau of Highway Safety and Traffic Engineering (BHSTE) to continually develop and implement the RCRS.