

7.3.1

Road Closure Reporting System

Presenter

Doug Tomlinson

PennDOT

dtomlinson@state.pa.us

Co-Presenter

Nate Reck

GeoDecisions

This paper will describe the Road Closure Reporting System (RCRS) developed for the Pennsylvania Department of Transportation (PennDOT). This Web-based GIS application assists PennDOT with reporting accurate, real-time road and lane closures to the public in an efficient manner. The general public will be able to view text versions and detail map versions of the closure data that exists throughout the state, while PennDOT administrative personnel update this live data via a secured interface.

This application addresses the challenge of ensuring accurate and timely real-time closure information is available in an efficient, viewable manner. The administrative users and employees of this business function are dispersed across all levels of PennDOT (central office, districts, and counties). This application centralizes management, the data being stored, and how it is distributed.

RCRS is a Web-based spatial application built using Microsoft's ASP.NET development technology. This is the first application built by PennDOT's GIS Division using this technology with the Adobe's SVG technology.