

### 2.3.1 GIS Lane Closure Management Application

**Presenter**

Mike Pordes  
Patrick Engineering, Inc.  
[MPordes@patrickengineering.com](mailto:MPordes@patrickengineering.com)

**Co-Presenter**

For over two years the GIS lane closures application has been the system used by Illinois Tollway personnel to request, review approve and publish temporary and long term lane closures (over 13,000). The web based system built on custom web services utilizes ESRI ArcGIS Server technology and a Geodatabase that contains a complete set of linear referenced Tollway segments by direction and lane. The system outputs a closure report that can be found at <http://www.illinoistooway.com> and an xml that is consumed by the Tollway Traffic Incident Management System (TIMS). In addition xml feeds for various consumers (Google maps, yahoo maps, Google mobile) will be provided to the <http://www.illinoisvirtualtollway.com>.