

### 5.1.3

## Using Google Maps in PennDOT's Web Applications

### Presenter

Patrick J. Kielty  
Transportation Planning Specialist  
Pennsylvania DOT  
[icfarley@ncdot.gov](mailto:icfarley@ncdot.gov)

### Co-Presenter

Matt Allen  
Database Administrator  
Pennsylvania DOT  
[matallen@state.pa.us](mailto:matallen@state.pa.us)

PennDOT has been looking at developing new ways to share data, both internally and with the public. Google Maps has provided us with an outlet to create web applications that are faster, more affordable, and less complex, while maintaining the ability to view and distribute high quality data. This shift has allowed us to present geographic information to our customers as well as meet Federal Highway Administration (FHWA) and state obligations. Using HTML, JavaScript and a little .NET, PennDOT was able to complete an entire web application in as little as 3 days. We will demonstrate several of the applications PennDOT has released as well as the workflow used in their design.