

### **6.3.1 Kentucky Transportation Cabinet GIS based Asset Management Location System and Video Imaging Data**

#### **Presenter**

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Kentucky Transportation Cabinet has spent 10 years developing a GIS network and asset database and the infrastructure needed to maintain this and integrate it with a number of other systems. The system has been in full production since 2006 and is now paying dividends in the form of better data quality, better data integration, and better framework to build a true transportation enterprise data system. One of those major systems needing up to date route networking information is the photo imaging data. The presentation identifies opportunities for other DOTs to benefit from lessons learned by the successful establishment of spatial data infrastructure and how it has worked for updating other systems location information, enterprise data quality, sharing, reporting, and analysis.