

### 7.4.3

#### A Path to Enterprise Asset Management - Pulling Data from the Source

**Presenter**

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Many public transportation agencies around the country are struggling with the idea of asset management and asking questions. What is the best way to locate our assets, gather information about our assets and maintain that information over time for use in the decision making process? Iowa DOT is working on the development of an enterprise asset management system. The plan is to leverage existing systems such as pavement management, bridge, sign and roadway network information. There is a big gap between when transportation features such as culverts, guardrail, lighting, etc are placed during construction and when the field, analysts and management can start using that information to make decisions and maintain the network. IDOT is undergoing a process to test the idea of storing As-Let and As-Built data in CAD/Databases for extraction into existing or new spatial asset databases to be part of the larger asset management system. Undergoing changes in our workflow process for how we manage this information has the potential for us to make better decisions faster using technology innovations as part of the process.

**Bio(s):**

Shawn Blaesing-Thompson is GIS Coordinator in the Office of Maintenance at Iowa DOT. She is responsible for project management, data development/maintenance, ArcGIS Server web applications & integration with enterprise business systems. Before that she worked as a DBA for the USDA-Agricultural Research Service. She also spent 6 years with WSDOT doing custom cartography, working as the GIS Training coordinator and doing GIS Project management. She holds a B.S. in Earth Science from Iowa State, a M.S. in Soil Science from Washington State, and IT Project Management Certificate from University of Washington. In her spare time she is a Girl Scout troop leader, triathlete, avid geocacher and custom jewelry designer.