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### **What's Your Sign? Intergrating GIS and Asset Management for Sign Inventory Management**

#### **Presenter**

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What's Your Sign? Integrating GIS and Asset Management for Sign Inventory Management

This session will discuss the use of multiple technologies including handheld GPS units, GIS technologies and asset management software to manage sign inventory and inspection data. Government agencies with sign management systems experience more detailed budget analysis, better reflectivity analysis resulting and better overall sign management. Attendees will leave this session with an understanding of how to implement an integrated sign management system.

#### Background:

The utilization of mobile mapping technology (Transmap), handheld GPS units (Trimble), sophisticated mapping applications (ESRI), Hansen's Roadway / Streets modules and Hansen's GeoAdministrator has enabled Martin County, Florida staff to effectively and efficiently collect sign attribute data on over 19,000 assets. The additional sign attribute data, which includes condition assessment and reflectivity information, has not only enabled staff to develop more detailed budget proposals, but has also allowed the creation of maps depicting certain scenarios.

The detailed asset information has also provided the proper framework for consultants and contractors to submit comprehensive proposals and cost estimates with "no surprises" in the competitive bid process. Managers and elected officials are in a better position to make informed decisions and approve necessary funding for compliance programs. The success of this project has been so significant; staff have been directed to utilize this "model" in the federally mandated National Pollutant Discharge Elimination System (NPDES) project.