

### 6.4.3

#### **Leveraging GIS technology to provide a web-based infrastructure asset management system**

##### **Presenter**

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Counties and municipalities are often tasked with maintaining infrastructure, assets, equipment and much more. But, identifying and maintaining these items can be a daunting task, especially with limited budgets and limited resources.

How can this task be more manageable? This presentation will demonstrate how using a web-based infrastructure management system that is based on geographic information systems (GIS) technology is the best option for managing assets such as traffic signs, guardrails, stormwater outfalls, trees, ADA compliance and much more.

During this presentation, participants will learn how GIS can integrate information into one place, how a GIS-based inventory can make maintenance easier, tips for accurate data collection and how the web-based interface can help technical and non-technical users access data.

Why is this important? With limited budgets, limited resources and federal mandates, municipalities need to get the most out of every dollar. A web-based infrastructure management system can not only store information, but allow for multiple users to log in and review, edit and print asset information from any computer with internet connection. Participants will learn time saving and money saving tricks for leveraging existing GIS applications or using web-based options to improve their processes and efficiency.