

## 1.2.2

## GIS Support for a Traffic Operations Management Plan in Delaware

### Presenter

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This presentation discusses how GIS is being used to reference and present traffic counts, speeds, impedances, level of service, and other travel and system data to support DelDOT's Traffic Management Center in a project to focus system improvement efforts. Effective management of directional information is vital for traffic data and has many applications such as routing. Methods that were established using GIS to manage and present information referenced to turning movements and travel flow direction will be presented. The project includes application of years of research in the development of standards for referencing travel data, and application of current GIS web based technologies. An ongoing challenge for transportation agencies is dealing with the immense amounts of information, much of it GIS information, and also discussed is the development of a collaborative data and document library site for archiving, data sharing, and presentation of traffic data. The project included dissemination of the data thru a variety of web feature services using ARCGIS Server and Google, and examples will be presented.