

### 3.1.1

#### NJOIT Centerline Enhancement Project

##### **Presenter**

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The New Jersey Office of Information Technology has embarked on a project to enhance the New Jersey Department of Transportation (NJDOT) New Jersey Roadway Network Geographic Information Systems (GIS) dataset. This project will establish geocoding capabilities within the centerline data structure, as well as provide provisions for future routing functionality. The enhanced and standardized GIS roads (routes) dataset is intended to be a framework essential for national, statewide, regional, county and municipal use. New Jersey will own and maintain the data and therefore relieve themselves of the current commercial licensing fees and restrictions.

The primary purpose for this project is to take the highly spatially accurate, linear-referenced centerlines that were developed and maintained for NJDOT, and add more spatial and attribute content to this framework layer to provide value to a variety of transportation data users. This presentation will provide attendees with an overview of the production methodology implemented, discussion of challenges and solutions, as well as anticipated data maintenance strategies. Topics will include a cursory review of the data model, TIGER address range conflation, establishment of new public and private roads into the NJDOT Roadway Network, M-values, data validation procedures, cartographic and geocoding reporting tables.