

## 6.4.1

### Standards for Linear Referencing

#### Presenter

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Linear Referencing has long been a challenge to the integration of databases within DOTS, primarily because of a lack of industry standards for linear referencing methods. Until now. Several efforts are under way which will help the situation by standardizing what a linear location is and how it is described by a linear referencing method. Included in this list are ISO TC211 (GIS) 19133 Location Based Services Tracking and Navigation, SAE J2266 Location Referencing Message Specification, Geospatial One Stop, and work by TC204 (ITS) Location Referencing WG 3.3.

The current state of these standardization efforts will be presented and the standard content will be compared and contrasted. How you can help assure the harmonized of these into a single standard will also be discussed.