

## 4.4.2

### Integration of Local Roads into a Statewide GIS Layer

#### Presenter

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For the last 20 years, the CDOT has maintained a statewide GIS layer of roads under local jurisdiction. CDOT has fulfilled producer, custodian and distributor roles for this layer. Three years ago, CDOT decided to conduct several pilot projects to determine the feasibility of adopting a new model for this work. This new model would rely on local jurisdictions to fulfill producer and custodian roles, with CDOT responsibilities shifting to area integration, producer of last resort, and distribution.

The results of the pilot projects completed to date will be presented. Topics covered will include level of integration achieved, types of processing required, level of effort invested by local and CDOT staff, problems encountered, lessons learned and successes achieved.

Successful completion of the pilot phase led to a decision to implement an operational, statewide program for distributed local road data maintenance. Plans to encourage participation and develop a partnership will be presented.