

## 7.4.2

### Asset Data Management at Colorado DOT - Progress

#### **Presenter**

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Abstract: The Colorado DOT is actively pursuing a transportation asset management program. A key component of that program is managing asset data. This presentation focuses on the progress that CDOT has made in collecting, managing, and transforming asset data into other systems, especially SAP. CDOT has used several sources of data for data collection, including EarthMine technology, asset data collected thru the pavement condition contract, and field data collection tools. Data management is done thru GeoDatabases and SAP data storage. CDOT sees that using GPS and GIS technologies for asset data collection is essential, objectively since physical assets have location, and practically since SAP and maintenance operations need to know and store asset location. This presentation discusses the challenges to be overcome, including asset definition and specification, organizational change, limitations in SAP, and developing methods that use tools and processes that are part of a toolbox.

#### **Bio(s):**

William is the GIS Data Management Section Manager for the Colorado Department of Transportation, where he has been employed in various capacities for over 13 years. William has a BA in Land Use from which he gained his first exposure to GIS in 1996.