

6.2.1

Using GIS and SLD Technology for a New Hampshire Feature Inventory

Presenter

Dennis Fowler, P.E.
New Hampshire Department of Transportation
dfowler@dot.state.nh.us

Co-Presenter

Kirk A. Weaver
Michael Baker Jr., Inc.

During a time of dwindling state budgets and increasing GIS user demands, the New Hampshire Department of Transportation (NHDOT) realized the need for accurate location and inventory information for its highway features. NHDOT turned to Michael Baker Jr., Inc. to plan, procure equipment, train staff, collect, and process data for roadway inventory features along all of its jurisdictional routes. Baker's solution was to use GeoLink, a GPS based mapping product to collect the field information and then display the information in a Straight Line Diagram System (SLD) and traditional GIS.