

5.4.2

National Oversize / Overweight Preliminary Route Review with Online Mapping Tools

Presenter

Dan Vogen
Director, Software Development
Bentley Systems, Incorporated
dan.vogen@bentley.com

Co-Presenter

Bentley Systems provides oversize / overweight permitting and routing solutions to state DOTs. Solutions to date have used state GIS, road inventory, bridge inventory, structural models, and maintenance and construction planning data. Using the state data ensures state evaluation of permit moves is in accord with exactly what the state says exists in the field. This results in the best possible evaluation for a single state. However, many OS/OW moves occur between multiple jurisdictions. Using some third party processes, with some state data, a "preliminary" evaluation can be made of a movement across multiple jurisdictions. This presentation will address the use of third party data and processes in conjunction with state data, detailing the pros and cons of each aspect of such processes, along with technical challenges and business benefits.