

6.2.2

Nevada DOT's Multi Divisional Effort to Create a Material Sites Layer

Presenter

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To support the departmental Right of Way (IRWIN) project it was deemed necessary to create a GIS data layer of the material sites. Because various divisions (Materials, Right of Way, Environmental, and Archeology) have different interests in all or part of the material site management, it was a challenge to get this layer created. This challenge was made more difficult due to the departments GIS software platform change and the level of GIS expertise in the various work groups. Some workgroups were very GIS capable and others had no experience at all. This is the story of how cultural resources, property management, and GIS came together to move the data from a non spatial mainframe application, various access databases, and some excel spreadsheets into a single GIS enabled database with tables for each end users needs and the proper data owner for the geometry and their own related tables for the effective management of billions of dollars worth of materials and the protection of Nevada's cultural and environmental resources as well.