

### 5.3.1 Nevada DOT's Integrated Right-of-Way Information Network (IRWIN)

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The Nevada Department of Transportation (NDOT) and Smart Data Strategies are working together to implement the Integrated Right-of-Way Information Network (IRWIN). The goal of IRWIN is to improve and integrate the information systems used for managing Right-of-Way (ROW) information and to provide this information to all ROW staff statewide. IRWIN has several components, including and Electronic Document Management System (EDMS), Property Inventory, Property Management and Permit Management. This system will take advantage of work done by the GIS section to create a historical road network showing most of the system changes over time. This will allow users to perform queries and receive results for a specific place or time. Various documents and contract plans in the EDMS will then be linked with GIS to facilitate work processes. The EDMS portion alone is expected to save hundreds of man hours each year in Right of Way and other divisions needing access to contract plans. The system currently will 1. Integrate with NDOT's GIS/LRS, Public Lands Survey System data, and Video logging system 2. integrate with NDOT's EDMS, offering a GIS interface to stored documents Ongoing work to be completed 1 process and track encroachment permits associated with NDOT's Right-of-Way 2 manage an inventory of al properties used or owned by NDOT 3 track and monitor all outdoor advertising permits 4 integrate with NDOT's Integrated Financial System 5 provide public access to permit information 6 The project is scheduled to finish in March 2009.