# Session
## 2.2.3     North Dakota DOT GIS Web Portal and Video Log – Spatial Data Portal and Video Log Project

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The North Dakota Department of Transportation (NDDOT) has recognized the challenges inherent in sharing and integrating enterprise transportation information and has begun to establish an enterprise technology approach to geographic information systems (GIS) and information technology (IT). To move towards accomplishing these goals, NDDOT has begun a project to design, develop, and implement a Web Based Video Log application. The Video Log Viewer application is currently being designed and built as the foundation for a Web-enabled enterprise portal. The requirements and design for the Video Log ensure that the underlying technology will meet the future needs of a functionally rich portal. In later phases, additional functionality and data sources will be added to the portal so that it can support a wide variety of transportation business data.

The objective of the Web-enabled Image Log Viewer is to replicate and enhance the functionality that currently exists in NDDOT's 'Pathway' Image Log desktop application. The project will maintain the functionality available in the current desktop application and add new capabilities that will make the video more readily available and integrated with a map interface. The project requires an innovative approach in order to meet the challenge of providing effective image viewing for users with varying internet bandwidths and constructs a user friendly web portal interface. The completed application will make the existing images accessible via the Web and therefore available to all NDDOT users. This presentation will discuss the unique requirements and design approaches taken on the project and report on the status of development.