

## 6.1.2

### Data Access User Needs Study A User Needs Assessment for the Colorado DOT (CDOT)

#### Presenter

Lou Henefeld  
GIS Support Unit Manager  
Colorado Dept. of Transportation  
[louis.henefeld@dot.state.co.us](mailto:louis.henefeld@dot.state.co.us)

#### Co-Presenter

Allen Ibaugh  
CEO  
Data Transfer Solutions  
[aibaugh@dtsgis.com](mailto:aibaugh@dtsgis.com)

The Colorado Dept. of Transportation (CDOT) recently completed a project to perform a user needs assessment of its Data Access web application. The Data Access web application displays various aspects of transportation data for Colorado. This data includes traffic counts, including annual AADT data and raw count data, highway information such as cross-section and pavement condition data, statistics such as lane-miles and congested centerline miles aggregated by region, standard maps as downloadable PDFs, and geographic data such as statewide highway segments and collections of county geographic data.

The purpose of this study is to find out how to improve the usability and simplicity of Data Access by consulting with the users of this site about the linear referencing and geographic data it presents. We will present the methods and approaches of the study, the results of the study, and the recommendations made by CDOT based on the results. By the time of the Symposium, CDOT will have decided which recommendations to adopt. We will present the reasoning and implementation plans that reflect these adopted recommendations.