Road Analyzer

ODOT - Office of Technical Services
Asset Management Tool
Introduction

• Road Analyzer, is a straight line diagram, contains a database driven, interactive, straight-line diagramming environment with an integrated location map and video log display. Data display in this browser-based application is placed using linear referencing methods database. Access to tools such as Google street view is included to augment the internally available data. Road Analyzer is designed to provide integration of multiple independent data sets, as demonstrated with the map display and video log.
### Old SLD Version – Paper Format

**State of Ohio - Department of Transportation**

**State Route Sections on Continuous Mileage Stationing**

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New SLD Version – Electronic
**Home Menu – Route Selection Methods**

- **Hierarchy**: A drilled down approach for finding route sections of interest.
- **Geography**: GPS is used to find the routes close to your location.
- **Query Builder**: Find routes of interest by then querying the layer attributes.

- **Map**: Select a route or location from integrated map interface, by clicking on it.
Data Visualization

- **What is Road Analyzer** – It’s a Straight – Line diagram.
- **Road Analyzer** has a database driven, well displayed type of environment, that also has an integrated location map display.
The Interactive Straight - Line

- Stick Diagram and Bar Panel, where you have point and linear features displayed.
- Road attributes are configurable by the user.
- Templates can be selected allowing the users to display features of interest, based off of what is created.
Stick & Bar Panel – Selectable Features

- **Show Tab** – Allows users to turn on/off a list of selectable features in the diagram.
- **Styling Tab** – Ability to turn on/off layers, load or manage templates to display features of the users interest.
Integrated Road Viewer

- Features and events shown in SLD are displayed in the Street View frame option.
- Move the scroll bar to start driving down the route.
Links Menu

- At the bottom left corner there is a Blue links tab, which allows users to open three different links in order to look at data from a different view or format. All links open in a new window.

- Video Log – PathWeb
- Map Channel – Google & Bing
- TIMS (external site)
Video Log-PathWeb

- Based off area shown in the SLD, it is then displayed in the PathWeb link option.
- Drive down the route by using the Image Control bar menu.
Map Channel – Google & Bing

• Based on your SLD location, it’s then displayed in the Map Channel link option.
• Drive down the road by clicking on a view.
TIMS

- Based off area shown in the SLD, it is then displayed in the TIMS link option.
- Once in TIMS, you can then use its tools.
Drawing Tools

- A way to write text, highlight key area’s and draw arrows pointing to important changes on the roadway.
- You can email screenshot SLDs to other user’s with Road Analyzer’s notification capabilities.
• Allows you to send a screen shot of your current view, which you can then send by email to another user.

• Image of what your Print out would look like in a PDF.

Notification by Email & Report Print
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