Tools for Transportation Analysis Using Web Based GIS

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Where can I find – wait, database connection how?
Geographic information what?

![Unknown Spatial Reference](image)

**ArcGIS Desktop**

ArcGIS Desktop has encountered a serious application error and is unable to continue.

If you were in the middle of something, the information you were working on might be lost.

**Please tell ESRI about this problem.**

We have created an error report. Press the 'Send Error Report' button to send the error report to us automatically over the internet.

We will treat this report as confidential and anonymous.

Optional, provide your email address and a description of the problem. We will contact you if we need additional information about this issue. Your email will only be used in relation to this issue.

**GeoMedia Professional**

Unable to connect to the database. Please verify that your warehouse-connection parameters are correct and try again.

**OK**  **More...**
TIMS Objective

A tool providing centralized access point to ODOT data, while minimizing the level of technical expertise required, while also providing sophisticated tools for viewing, analyzing, and communicating with ODOT information, allowing for greater collaboration between ODOT, ODOT customers, and ODOT business partners.
Transportation Assets
- Bridges, Culverts, Outfalls, RR Crossings, ODOT Facilities, Aviation, Intermodals, Railroads, PCR

Road Inventory

Boundaries
- Place, Cities, County, MPO, ODOT District, Rural Island, Political boundaries, townships, urban areas

Traffic Counts
- Traffic Stations, Total AADT

Transportation Projects
- Current projects since 2003, and future projects with committed funding

Safety
- Crash Locations for last 3 years (all roads, secured service)
**General Tools**

- Navigation
- Find Location on Map
  - By Geography
  - By Coordinates
  - By County, Route, Log
- Bookmarks
- Message ODOT
- Email Map
- Draw & Measure

- Identify
- Upload Layer to Map
  - KML, SHP, Batch Geocode
- Map Channel
- PathWeb (ODOT Digital Photolog)
- Print to PDF
- Routing
- Weather
- Coordinate Extraction

**Analysis Tools**

- Search Data
- Linear Referencing – *on the fly dynamic segmentation with ODOT LRS*
- Traffic Reports (AADT)
- Advanced Search (SQL style)
- Buffer
- Export to Excel, Shapefile
Demo

Example 1

Find location by log point, view image services (imagery basemap, map channel, PathWeb), Search Data & Export to Shapefile, Print to PDF/email map.
Demo

Example 2

Upload data via LRS tool, perform intersect, upload data via shapefile, batch geocode
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