E-TRIMS

Tennessee Department of Transportation

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Background

TDOT's TRIMS (TN Roadway Inventory Information System) LRS was initially developed on a mainframe in the 1970's

E-TRIMS development with Intergraph started in 2007

E-TRIMS 5.0 released July 2014

E-TRIMS

- Web Application

- Query data in the TRIMS LRS database

- Internally Used by Planning, Engineering, Structures, Maintenance, and Others

- Used by Consultants/Contractors

- Used by MPO's, RPO's

- Used by Local Governments

Primary Database Tables

Highway (Centerline Geometry)

Road Segment

Route Feature

Roadway Description

Roadway Geometrics

Structures

Traffic

Maintenance Feature

Maintenance Inventory

Other Tables

Structures

Traffic

Crash

Projects

Maintenance Features (signs)

Maintenance Inventory (guard rails, mowing)

Road Segment Table

Functional Class

Government Control

Admin. System

Incorporated Area

Urban Area

MPA

Special Systems

US Routes

Road Name

Route Feature Table

County Boundary

City Limit

Urban Boundary

Underpass/Overpass

Structure

Intersecting routes

Traffic Control

Hospitals, Churches, Cemeteries

Roadway Description Table

Pavement

Shoulder

Median

Drainage

Turn Lane

Parking Lane

HOV Lane

Roadway Geometrics Table

Number of lanes

Thru lanes

Speed limit

Truck speed limit

School speed limit

Illumination

Access Control

Functions

Simple Query
Advanced Query
View All Inventory
Save a query and load a saved query
Create a Favorites (bookmark) to launch a query
Save multiple queries together as a session
Load a session
Export data to Excel
Export query results to shapefile
Export query results to KML
Print a query

Integrated Photolog

(Tennessee Image Viewer)

Map Layers

All Roads by type
Ramps
Lakes and Rivers
City Boundaries
County Boundaries
Urban Boundaries
State Boundary
Surrounding States
TDOT Districts
TDOT Regions
MPA's
RPO's

More Map Layers

Railroads
Hospitals
Schools
Churches
Cemeteries
Airports/Runways
Helipads
Caves
HPMS Samples
Queries

Reports

City Mileage
Crash Summary Report (restricted
access)
Geometric Report
Highway Log Report
Inventory Update Form
Jurisdiction and Admin System
Maintenance Reports
Road Segment Report
Road Sys Ending Log Mile Report
Route Feature Report
Traffic Report

E-TRIMS Demonstration

http://e-trims.tdot.tn.gov/

Image Viewer Demonstration

http://imageviewer.tdot.tn.gov/

Questions

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