

Kansas DOT's Truck Routing Information System



An Improved Truck Routing Process

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TRIS Users

- ✓ KS Dept of Revenue (KDOR) – supports permit issuance
- ✓ KDOT, Traffic Engineering – supports the routing of oversize/overweight vehicles
- ✓ KDOT, Bridge Evaluation – supports superload analysis and routing
- ✓ Truckers – receive annual permit issuance



Business Problem

- ✓ Routing of oversized / overweight trucks
- ✓ Paper maps used extensively
- ✓ Isolated pockets of data in each area with permitting / routing responsibilities



TRIS History

- ✓ Needs Analysis
- ✓ Prototype I
- ✓ Prototype II
- ✓ Implementation
- ✓ Interface with KDOR Permitting System



TRIS Core Functions

- ✓ Tooltips for all Routing Features
- ✓ Attribute Windows for all Routing Features with Multi Media Support
- ✓ Truck Information Controller
- ✓ Build Route from Highway ID List
- ✓ Build Route by Single/Multiple Segment
- ✓ Build Route by Begin/End Segment
- ✓ Interface to BRASS
- ✓ Interface to Construction/Detour System



Additions to Production Release

- ✓ Sign Trusses
- ✓ Enhanced Build Route Function
- ✓ Display On/Off control for several categories of bridges
- ✓ Detour and Construction information
- ✓ Feature Locator
- ✓ User Preferences
- ✓ New map features



TRIS Implementation

- ✓ Requirements (100% complete)
- ✓ Technical Design (100% complete)
- ✓ Data Prep (100% complete)
- ✓ Development Environment Prep (100% complete)
- ✓ GUI Mockup and Review (complete)
- ✓ Development (in progress)
- ✓ Testing (throughout development)
- ✓ Rollout (3rd quarter 2003)



TRIS Software

- ✓ Windows 2000 Server with IIS
- ✓ GeoMedia Web Enterprise
- ✓ BRASS Bridge Evaluation
- ✓ Oracle Spatial
- ✓ Windows NT or Windows 2000
- ✓ Microsoft Internet Explorer
- ✓ Active CGM Control (possible port to Java)



TRIS Demo

KDOT TRIS
Truck Routing Information System

Reset Save Load Print Help

Powered by GeoDecisions

ROUTE LEGEND LOCATE

Magnify Zoom out Zoom box Fit All Fit Last Fit Route

Mode: Route Segment
 Begin/End Segments

Truck Information

Type:

GVM: lbs.

Height: ft. in.

Width: ft. in.

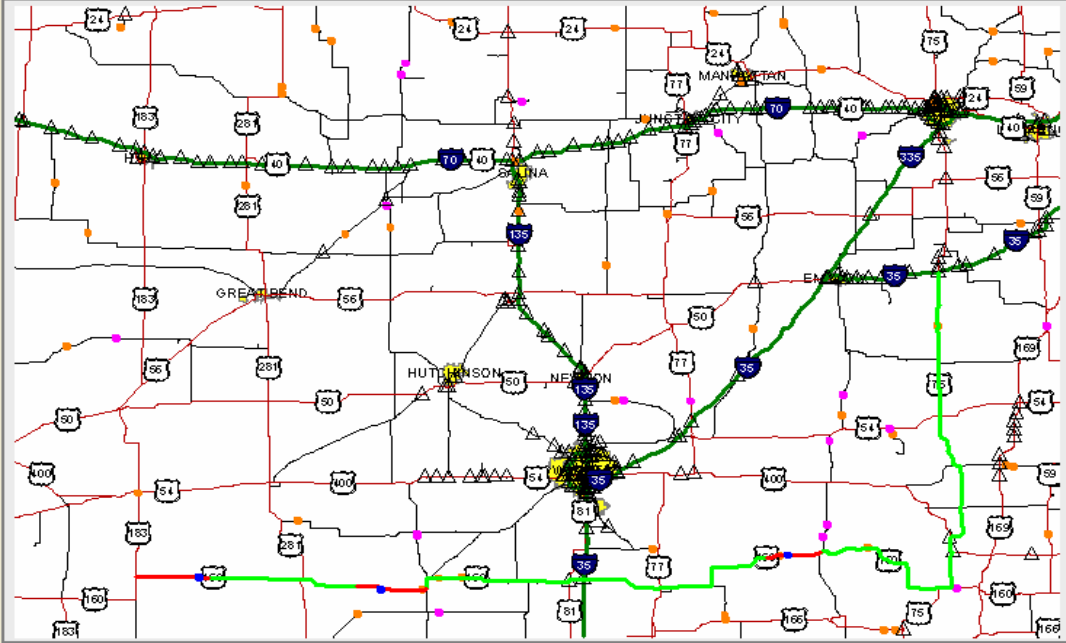
Superload

Permit Information

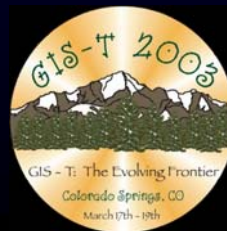
Start Date:

Start Desc:

End Desc:



javascript:Home() Local intranet



Questions

