

Data Sharing - GIS

TRANSPLEX 2007



GIS Basemap

A digital route system representing the geography of RCI, used primarily for:

- Map production
- Dynamic segmentation (e.g. generation of shape files from RCI data)
- Generation of city-to-city mileage information
- Data collection via custom GIS extensions
- Roadway Characteristics Inventory (RCI) QA

The basemap is available via the Internet.



GIS Shape Files

Using the GIS basemap, we generate numerous shape files of data from RCI, including:

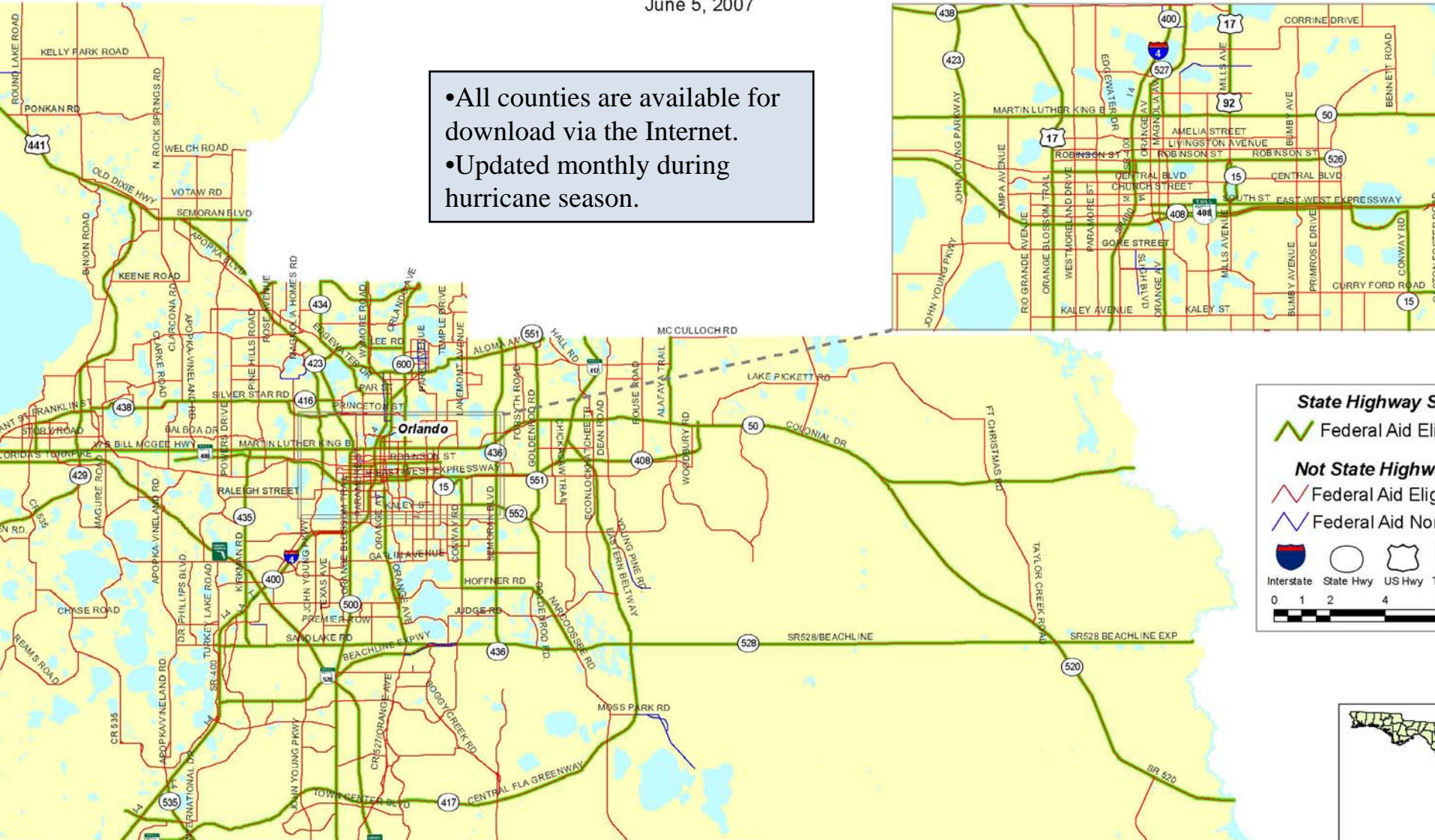
- Annual Average Daily Traffic (AADT)
- Federal Aid Eligible roads
- Functional Classification
- HPMS
- Number of Lanes
- Pavement Conditions
- Strategic Intermodal System (SIS) roads

All of these files are available via the Internet.

ORANGE COUNTY - FLORIDA

June 5, 2007

•All counties are available for download via the Internet.
•Updated monthly during hurricane season.



Any public road NOT shown as Federal Aid Eligible, whether on this map or not, is eligible for FEMA (Federal Emergency Management Agency) funds.



FLORIDA DEPARTMENT OF TRANSPORTATION
Transportation Statistics Office

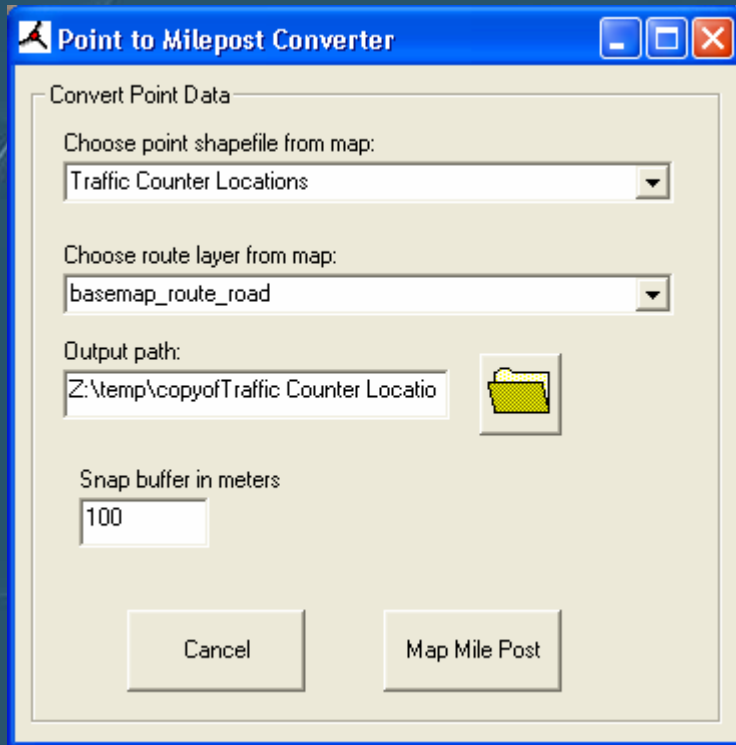


GIS Extensions for ArcMap

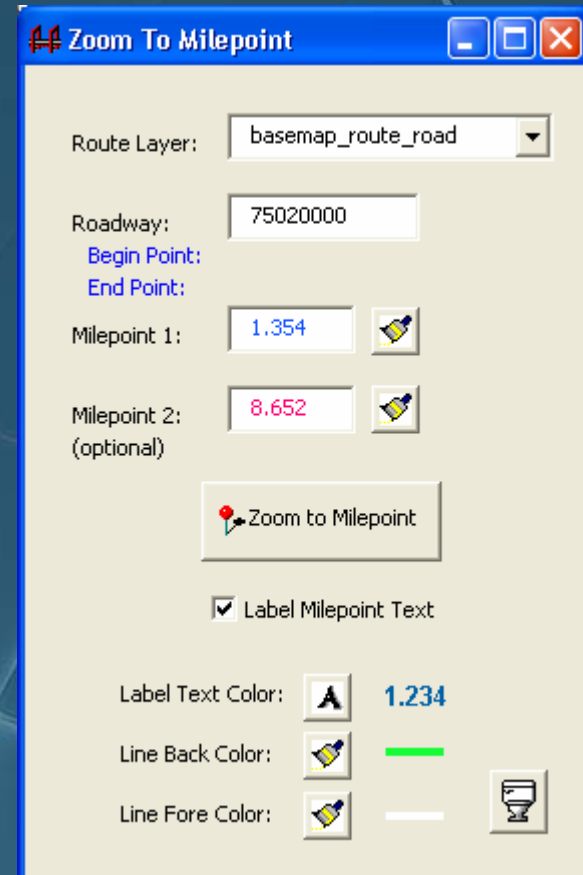
Point-to-Milepoint Converter

Zoom To Milepoint

Application Manager



- Finds nearest roadway and milepoint for all points in the layer
- Useful for latitude/longitude data collected with GPS
- Zooms to specified roadway ID and milepoint
- Optionally add a 2nd milepoint



These extensions, and others, could be utilized by multiple organizations.

An Application Manager will be made available to help users keep up with the most current extensions.