Using GIS Server to Distribute Asset, Planning and Decision Making Information

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Transit Agencies in Northeast Illinois / Chicagoland Area
GIS at the RTA

• No full time GIS staff / No programming staff
• 2 ArcInfo and 4 ArcView licenses.
• ArcIMS – www.RTAMS.org website.
• 3D Analyst / Spatial Analyst– extrusions / densities.
Web Mapping Applications using the ArcGIS Viewer for Flex

Internal (RTA Only)
- ADA
  - Facility Assignment
  - Service Area
- Transit Benefit Companies
- Capital Asset Condition (future)

External (Public access)
- TOD Locations
- Planned Signal Priority Corridors
- Inter-agency Signage Locations
- Transit Demand Index (TDI)
- ESRI Demographic Data
- Political Jurisdictions
Demonstration

RTAMS Mapping Applications

- **RTA Transit Oriented Development Locations**: This application displays the RTA Community Planning efforts for the Chicagoland Area. The application displays locations of Transit Oriented Development by the study status - Completed, In Progress, or Proposed.

- **Inter-Agency Signage Locations**: This application displays the locations where the RTA is demonstrating Inter-Agency signage. The locations are rendered according to the status of the signs - Underway, Phase II, and Proposed.

- **Transit Signal Priority Corridors**: This application displays the locations of Transit Signal Priority projects in the Chicagoland region. The application displays corridor locations rendered by the project status - Completed, In Progress, and Proposed.

- **Illinois 2012 Congressional Districts**: This application displays the geographic area of the 2012 Illinois Congressional Districts effective November 3, 2012. Included are the transit services for the region.

- **Regional Transit Index**: This application displays a combination of demographics that are indicators of an area’s potential to generate local transit trips, based on transit trip rates in the Chicago region. The combined index is displayed at the CMAP zone level and does not include factors such as pedestrian networks or drive access to a transit stop.

- **Regional Demographics**: This application displays demographic information developed by Environmental Systems Research Institute (ESRI) which is derived from the 2010 U.S. Census. The data is displayed at several different geographies based on the users zoom level. The data is managed and served by ESRI’s Online Data Service.