

# ITS 088



## ↖ Improving Census 2000 data products

- Improve the positional accuracy and shape fidelity of the coordinates of selected TIGER/Line 2000 Files
- Add features that currently are missing to the Files
  - ▣ Additionally, collect structure centroid coordinates
- Flag existing features in the Files that are not on the source data

# A Split Award



- ↖ ITS088 was awarded in September 2000 to
  - RS Information Systems (RSIS)
  - The Centech Group
- ↖ Approximately 180 TIGER/Line Files are being improved
- ↖ Initial months devoted to developmental considerations

# Some Facts



## ↳ Contractor source data

- Existing Digital Orthophoto Quadrangles
- Acquired high resolution color aerial imagery
- LIDAR imagery

## ↳ The process

- Source data acquisition
- Feature extraction from the source data
- Correlation of extracted features to visible TIGER/Line features
- Realignment of existing TIGER/Line features and addition/deletion updates
- Receipt of TIGER/Line-like, metadata and structure files

# Experiences



- ↖ Gaining a better understanding of technologies that may be part of your company's proposal for a component of MAF/TIGER Modernization
- ↖ Learning about costs associated with these technologies
- ↖ Identifying applicable quality elements (completeness, logical consistency, positional accuracy, temporal accuracy & thematic accuracy) and performance metrics
- ↖ Receiving 'baseline' Files for approximately 10% of the country
- ↖ An appreciation of the magnitude of the task

# Status



- ↖ Awaiting delivery of the first improved TIGER/Line Files
- ↖ ITS088 in no way limits our consideration of any and all 'solutions' to MAF/TIGER Modernization

# Points of Contact



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↖ Four ways to reach us

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  - <http://www.census.gov/geo/mod/maftiger.html>**