DRDC Streets Subcommittee

Integrating Street Centerline Layers between Jursidictions

Paul A. Tessar, Chairperson
DenverGIS Data Administrator
Presentation Overview

- Subcommittee Activities in 2010
- Follow-on Project results.
- Additional work in progress
- Additional future efforts
2010 Subcommittee Activities

- Held 1 meeting – 11/18/10.
- Completed follow on projects with Denver, Greenwood Village & Arapahoe County.
- Transition of edge-matching work to the North Central Homeland Security Regional GIS Project.
- Began discussion on a shared, regional transportation data model.
Follow-on Project Results

• “Agreement Points” for multi-jurisdiction edgematching complete along an additional 20.5 mi (13.25 mi City & 7.25 mi County).

• Denver, Greenwood Village, ArapCo. & Cherry Hills Village (ArapCo. proxy)

• Added 147 new points to existing 296:
  – 34 for Denver, ArapCo. & Cherry Hills Village
  – 65 for ArapCo. & Greenwood Village
  – All jurisdictions have snapped to these.

• Project Grand Totals: 443 Points & 55.5 Miles
Additional Work in Progress

• Transportation Data Model – A regional project to design a shared data model is in progress. Participants:
  – Boulder County and Cities of Boulder & Longmont
  – Boulder 911 Center
  – City and County of Denver
• Architect/lead consultant for model is Al Butler, author of “Designing Geodatabases for Transportation” (Esri Press, 2007)
• Other jurisdictions are invited to participate.
Additional Future Efforts

• My goal for last year: Encircle Denver with Agreement points. *Covered 25% anyway…*
• The NCR project will administer a process that should result in completion of edge-matching along all county boundaries in the region.
• Internal County-City boundary edge-matching will be at local option using local resources.
• Shared, Regional Transportation Data model should be complete in 2011.
• Participate if you wish to have a voice in the model!