Using Local Review for Critical Facility Collection and Validation

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Demographics

- Population: 5,800,310
- Area: 69,704 sq miles (18th)
- Population Density: 81.2 (27th)
- By the Numbers:
  - 114 counties
  - 1 incorporated place
  - 19 regional planning commissions
  - 9 homeland security regions
  - 2 UASIs (St. Louis, Kansas City)
Methods

• Regionalized local review
  – Parallels roles – transportation plans, homeland security plans, economic development plans, etc. (multipurpose)
  – Targeted layers and attributes derived from local review and EOC input (maintenance)
  – Incentives – data, standards, tools, and $
  – State Homeland Security Grant funding
  – Built on existing relationships and data development partnering from prior FGDC CAP and USGS Partnership grants
Data Layers Reviewed

Commercial/Retail
– Wal-Mart Locations – Wal-Mart Corporate

Educational
– Public Schools – Health / DESE
– Private Schools - Health / DESE
– Higher Education Institutions - Health / DESE
– Handicap Public Schools - Health / DESE

Emergency Response / Law Enforcement
– Correctional Facilities – Adult – HSIP Freedom
– Correctional Facilities – Youth - HSIP Freedom
– EMS separate from Fire Stations – TechniGraphics (TGS)
– Fire Stations - TechniGraphics (TGS)
– Law Enforcement Agencies - TechniGraphics (TGS)
Data Layers Reviewed

Health / Medical
- Daycare – Adult - Health
- Daycare – Child - Health
- Dialysis Clinics - Health
- Hospitals – Health / TechniGraphics (TGS)
- Nursing Homes - Health
- Pharmacies - Health

Public Attractions
- Houses of Worship – Geographic Resources Center

Water
- Wastewater Facilities – Dept of Natural Resources
Active Participants

• Pilot – 2 Regional Planning Commissions
  – 13 counties in rural SE Missouri (New Madrid Seismic Zone)

• Rolling out to 3 more RHSOCs now – 28 counties

• Developing a separate IJ for State HSGP
  – Inventory
  – Data Layer Review

• Reviewed 14 data layers in seven months
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Data Shared & Access

- Data sharing agreement with CIO sign-off for the State
- Still obtaining ‘interpretations’ from legal counsels
- Provided CI/KR – CAP on CD or disk to lead RPC for each RHSOC for this review
- Once built it goes back to the region along with other geospatial data and - when completed – can support new 7.5 min ‘USGS Quad-like’ Geo-pdfs.
Funding

- State Homeland Security Grant funds
  - Initially from State’s 20% portion
  - Transferring to Local’s 80% portion
- USGS Partnership funds
- FGDC CAP grants
- University of Missouri – CASH programs
- Leveraging Broadband Mapping – Community Anchor Points
Pros

- Regionalization
- Determined through local input
  - Data layers of importance
  - Attributes of importance
- Tied to multi-purpose uses – it is relevant
- Locals know their areas and sites better
- Know that they will be using what THEY collected
- ‘It is where it is’
- ‘Unique ID’ built on National Grid
- Coding to USGS Structures best practice model
- Reasonable costs and time investments
- Temporal accuracy – decrease lag time of federal program
Cons

- Training requirements
- Incentives based
- Some errors will enter the process – still need comprehensive review
- Always more layers need reviewing than are willing to be dealt with
- Not clean crosswalk from USGS to CI/KR
- Not total agreement on ‘definitions’ – EMS between the State and the HSIP
Lessons Learned

• Cookbook and web-based training (GoToMeeting – see what they were doing on their computer)
• All data layers for an area at once
• ‘Corrected’ – vs ‘Improved’
• State data is being assembled to meet state needs – not necessarily to be easily uploaded or updated back into national framework (didn’t belong in that layer, unique IDs)
• Data resubmission back to the state – issues with process
• Expectations of HSIP partnership – how formal
• Cycle of updates and State time
The ‘ONE THING’

Goal is to provide to emergency responders, managers and planners the best possible data for their use – that’s the bottom line.

In my opinion 90% of the time that will be local (or locally reviewed) data.

That review should be part of the process!