

Regional GIS Projects

PHASE I—ASSESSMENT

Total Homeland Security Investment—\$620,560

The regional geographic information system (GIS) projects are part of a larger strategy to coordinate GIS efforts across the state. The goal of each region-wide GIS project is to create a critical information network about infrastructure, assets and key populations for use by the IMTs, first responders and decision makers. The information will then be available to aide in timely response to any event, natural or man-made, across the region and eventually statewide.

Kansas Adjutant General's Department
Kansas Data Access and Support Center
Kansas GIS Policy Board
The Kansas Collaborative
U.S. Geological Survey

All Homeland Security Regions are working in conjunction with the Adjutant General's Department on regional GIS projects.

Each project has one or more of these objectives:

1. County and city level **GIS Inventory** of all related data, equipment, and personnel. [State-level GIS data is provided during the visits.]
2. **Free offsite GIS data back-up** at the Data Access and Support Center (DASC).
3. Formation of a **GIS Technical Sub-Committee** in each homeland security region to facilitate discussions between decision makers, responders, and GIS personnel.
4. **Most Valuable Professional Meetings** to introduce the project to local responders and allow them the opportunity to identify their discipline's *critical* data needs.
5. GIS Data **Gap Analysis** to determine existing data gaps in the region and a plan to close the gaps.
6. Various **GIS Training** opportunities. [Introduction to ArcGIS, Introduction to the US National Grid, Introduction to GPS, Introduction to Regional GPS Data Collection, and Usage of the Regional Geodatabase]
7. Purchase of **GIS Equipment** [ArcGIS Software, Mapping Grade GPS Units, etc] for use by GIS professional to support emergency management activities.
8. Development of **Region and Statewide GIS Applications** for use by the Incident Management Teams, Emergency Managers and decision makers at all levels of government.

Completed: South Central, Northwest, Southwest, North Central, Southeast

In Process: Northeast

PHASE II—DATA VERIFICATION, VALIDATION, AND CREATION

Total Homeland Security Investment—\$291,314

Phase II of the regional GIS projects is data verification, validation, and creation.

Southwest and Southeast Regions invested \$36,000 and \$39,000 respectively completed 37 data layers over the summer of 2010.

North Central Region has invested \$32,064 to complete 47 data layers. The Phase II project started in September 2010 and will continue through September 2011.

Northwest Region has set aside \$62,500 to complete a school safety project that includes floor plans, photos, room information, and application development. The project is slated to start in January 2011 and continue through March 2012.

Northeast Region has set aside \$51,750 to complete 47 data layers from FY11 homeland security funding. The Phase II project is planned to start in the summer of 2011.

Additionally the Adjutant General's Department has secured \$70,000 in state homeland security funding to complete at least two additional regions and will collect an additional 10 data layers in the Southwest and Southeast regions.

A listing of the data layers is available from the Adjutant General's Department.

KANSAS GIS RESPONSE TEAM

Following the Greensburg Tornado in 2007 GIS professionals across the state came together to identify ways responders could utilize GIS when faced with disasters of a similar magnitude. The group identified the need for a State GIS Response Team. To fill this need the Adjutant General's Department is developing a GIS Response Team with plans to launch it in April 2009.

GIS professionals across the state will have the opportunity to serve as a member of the Team. Team members may serve as Technical Specialists to Incident Management Teams, Local Emergency Operations Centers, the State Emergency Operations Center and other centers of operation identified during disasters.

Currently, the Team has 10 members and applications are always open!

For more information on the
State GIS Response Team
Contact Jesse Smith,
Kansas Division of Emergency Management
GIS Coordinator at 785-274-1550 or
Jesse.l.smith166@mail.mil

