

Arkansas Geographic Information Systems Board  
Arkansas Real Estate Commission  
612 South Summit Street  
Little Rock AR 72201

## **DRAFT AGENDA**

**March 3rd, 2010**

**9:30 a.m.**

**Board Members Present:**

Tracy Moy  
Judge Clayton Castleman  
Dr. Beth McMillan  
John Ed Isbell  
Kasey Summerville  
Dr. Jackson Cothren  
Randy Everett  
Earl Smith  
Bekki White  
(Claire Bailey) via Hershel Cleveland (proxy)  
Dr. Robert Kissell

**Board Members Absent:**

Judge Jerry Hunton  
Glen Dabney

**AGIO Staff:**

Shelby Johnson  
Learon Dalby  
Maria Owen  
Rachel Hood

Call meeting to order

9:40 meeting called to order by Tracy Moy.

**Welcome guests**

The Chair called for the approval of the minutes for the December 2, 2009 meeting.

Corrections were noted.

**Motion:** John Ed Isbell motioned to approve the corrected minutes.

**Second:** Dr. Robert Kissell seconded the motion to approve the minutes, and there being no further discussion the motion passed unanimously.

**Old Business**

**AGIO Report**

### **Arkansas Centerline File Program Status**

The centerline file program is progressing nicely. The AGIO staff has worked hard with a number of counties to retrieve updated files from counties, and makes a concerted effort to communicate the status of those updates to constituents. Cleveland, Calhoun and Izard counties completed their files which are now published on GeoStor. The staff also worked through a quality control process to update common abbreviation in the Street Type column. That process was run on every county. Interestingly enough, the file size of the database has now exceeded the capability of the AGIO's Feature Manipulation Engine (FME) software to be able to process a statewide data request for the centerlines. Our alternative is publishing the statewide file on the GeoStor FTP site in one format. AGIO is certain it will encounter the same problem with parcel polygon data at some point in the future. Newton County is now the only missing piece of a statewide puzzle. We are fully engaged and supporting the County with the process of physical address conversion and centerline development. The County is in the process of naming roads and once that is complete they will begin the process of assigning addresses. Maria Owen has been working directly with the County Judge and Assessor who are leading the project. AGIO is projecting it will have a centerline file complete and published by June. At that point the state will have a wall to wall file that was created locally, published in GeoStor and used over and over in a bunch of different places. AGIO has also been aggressive in promoting the use of the file. The file has been sent to NavTeq, TeleAtlas, Open Street Map, and Google. As soon as Newton County is concluded AGIO will be sending the statewide file to USGS for inclusion in the National Map. This is being coordinated through the AGIO's USGS Liaison Bill Sneed.

### **County Assessor Mapping Program Grant**

Following the December 2, 2009 Board meeting, the Parcel Grant Subcommittee held a teleconference call on December 11, 2009 to iron out the logistics of carrying out the Board's vote to further promote more parcel polygon production in the counties. The grant was announced December 14th via the website, the CAMP email list and hardcopy mail to each county Assessor Office. The application period was from January 4th – January 29th. A total of six applications were submitted requesting over \$122,000 in funds. The subcommittee held a teleconference call on February 4th, 2010 to evaluate applications awards were finalized on February 12th, and the press release announcing the awards went out on February 18th. The AGIO is now finalizing the paperwork to process the awards.

### **Crittenden County Agricultural Reappraisal Pilot Project**

AGIO is teamed up with the Arkansas Assessment Coordination Department (ACD), the Center for Advanced Spatial Technologies (CAST) and the Crittenden County Assessor Office to test a proof of concept that would enable the County to utilize automated processes to conduct the county wide agricultural real estate reappraisal. This includes using the digital parcels, digital soils and digital land use map layers based upon the ACD codes. The real test is the ability to automatically extract the ACD use categories from the 1 Meter USDA National Agriculture Imagery Program (NAIP) data. AGIO is hopeful this will lead to more automation of the agriculture reappraisal process, economies of scale, refined accuracy in the records and efficiencies.

### **GeoStor Hardware Upgrade**

The Board may recall the original GeoStor hardware was procured over five years ago. AGIO worked through the Governor's office to obtain adequate funding from a

General Improvement Fund appropriation to replace the hardware. The Governor authorized \$200,000 in funding to replace the equipment. The new equipment was installed over the weekend of February 27th – 28th. The GeoStor footprint now represents 40 Terrabytes of storage.

### **Rollout of New Website**

AGIO, through the help of Rachel Hood, has been in the process of revamping the entire [www.gis.arkansas.gov](http://www.gis.arkansas.gov) Web site. Most of the Web site, including the Board's web pages, was created ten years ago. Over time the site grew and much of the content was outdated. AGIO began an effort to update both the content and the style of the site. Our short-term goal is to have the new site released before the end of March. The style of the revised site will be consistent with the design of the Arkansas.gov Web site.

### **State GIS Business Plan Update**

AGIO is pleased to provide you a copy of the latest draft of the State's GIS Business Plan. We are very proud of the result. The highlights of the plan follow. We held five regional workshops across the state soliciting feedback and public comment from over 160 participants. The public comments were synthesized into several categories. Then after a review process with the Executive Committee led by the Board, AGIO and the GIS Users Forum the preliminary results were presented to constituents at the Arkansas GIS Users Forum Conference in Eureka Springs. The plan reveals our state coordination approach and infrastructure is strong but our investment is weak. The overriding goal of the plan is to provide recurring funding for continual investment in, and improvement of the Arkansas Spatial Data Infrastructure. The top priority datasets rated by constituents are orthophotography, parcels, administrative boundaries and road centerlines complimented by address points. Here's how the plan deals with each priority.

#### **Orthophotography**

The plan recommends Arkansas develop 1-foot resolution orthophotography on a 3-year cycle covering 1/3 of the state each year. Estimated cost is between \$1 and \$1.2 million annually.

#### **Parcels**

For parcel polygon coverage, the plan recommends the State issue a contract for parcel conversion based upon a 70% (state) and 30% (county) match. This would obtain pricing based on the state's group purchasing power. Such a contract may be awarded to multiple vendors capable of meeting the state's needs to facilitate the work of multiple counties proceeding in parallel. The state would then issue task orders on a county-by-county basis and manage payments after securing the 30% county matching funds and performing appropriate quality control in association with counties. This priority is estimated at an annual cost of \$1.5 million over five years.

#### **Administrative Boundaries**

The plan recommends legislative clarification of the city annexation process to improve the workflow and that GeoStor is recognized as the official repository. The plan recommends that boundaries be tied to the parcel polygon and that one position be added to AGIO to coordinate the flow of administrative boundary data from the various producers. The annual cost for this recommendation is \$50,000 - \$75,000.

#### **Road Centerlines**

The recommendation for this layer is to improve the accuracy and update cycle on a more frequent basis, add a new position at AGIO to support the centerline maintenance process and to provide direct funding to counties to assist them in maintaining the data. The annual cost for this recommendation is \$200,000.

### **AGIO Personnel**

The plan addresses AGIO shortfalls. It highlights AGIO staffing level over the last several years has not kept pace with demand. The plan recommends adding three new positions. One administrative position to support the agency and two additional GIS Analyst positions, one to coordinate administrative boundaries and one to coordinate on road centerlines.

### **Funding**

The bottom line of the plan calls for increasing the AGIO ongoing budget to \$1.5 million annually and \$1.5 million in one-time funding over five years to get parcel polygons digitized statewide.

### **87th General Assembly Fiscal Session**

AGIO is pleased to report the legislature approved ACT 112 which is the AGIO operating budget as well as ACT 194. Copies of both ACTs are in your packet. ACT 194 re-appropriates for the General Improvement Fund project balance for GeoStor and aerial photography.

### **New Business**

#### **Election of GIS Board Chair and Vice-Chair**

Tracy Moy reminded the Board the each year the Board elects a Chair and Vice-Chair at the first meeting of the year. Tracy opened the floor for nominations for the Chair position.

**Nomination:** Bekki White nominated Tracy Moy as Chair.

**Second:** Kasey Summerville seconded the nomination.

**Motion:** John Ed Isbell motioned to cease nominations and elect by acclamation

**Second:** Judge Clayton Castleman seconded the motion.

There being no discussion the Chair called the vote and was reelected unanimously.

The Chair opened the floor for nominations for the Vice-Chair position.

Current Vice-Chair Earl Smith explained that he would term out this year and suggested that someone else be nominated as Vice-Chair.

**Nomination:** Bekki White nominated Randy Everett as Vice-Chair.

**Second:** Earl Smith seconded the motion.

**Motion:** Bekki White motioned to cease nominations and elect by acclamation

**Second:** Earl Smith seconded the motion.

There being no discussion the Chair called the vote and Randy Everett was elected as Vice-Chair unanimously.

#### **Board Travel Expense Reimbursement**

In accordance with Arkansas Code 25-16-902, the Board by a majority vote may authorize expense reimbursement for board members performing official duties. The expense reimbursement shall not exceed the rate established for state employees.

**Motion:** Bekki White motioned for the Board to authorize expense reimbursement.  
**Second:** Kasey Summerville seconded the motion.  
There being no further discussion the Chair called the vote and the motion passed unanimously.

Shelby presented information to the board on three upcoming events:

URISA/IAAO GIS and CAMA Conference in Little Rock, AR March 8<sup>th</sup> -11th  
NSGIC Mid-Year Conference Annapolis, MD March 8th -11th  
Mid-America GIS Symposium in Kansas City, MO April 18th – 22nd

The AGIO worked with URISA to help sponsor about 15 staff members from several county's assessor offices.

Shelby encouraged board members to attend the Mid-America Symposium in Kansas City if possible.

### **New Data Recommended for Loading on GeoStor**

Shelby explained the AGIO has been coordinating with the Secretary of State Redistricting Office in anticipation of redistricting in 2011. Tim Humphries from the Office provided two different datasets that were not previously available through GeoStor.

**Data Category:** Administrative

**GIS Board Priority Category:** 1, 2, 5, & 6

**Title:** Justice of Peace Districts

**Publisher:** Arkansas Secretary of State

**Abstract:** This dataset contains polygons which represent justice of the peace boundaries for select areas in the State of Arkansas. The compilation of this data is an effort of the Secretary of State to aid in election administration and redistricting.

**AGIO Recommendation:** AGIO recommends this data be loaded.

Shelby explained that not all counties had filed an official record with Mr. Humphries Office and this explains the gaps in coverage in so many counties.

**Motion:** John Ed Isbell motioned to load Justice of Peace Districts on GeoStor.

The Chair asked the Board if there were no objections to dealing with both data loading items together. Hearing none the chair asked Shelby to continue.

**Data Category:** Administrative

**GIS Board Priority Category:** 1, 2, 5, & 6

**Title:** School Board District

**Publisher:** Arkansas Secretary of State

**Abstract:** This dataset contains polygons which represent school board voting boundaries for select areas in the State of Arkansas. The compilation of this data is an effort of the Secretary of State to aid in election administration and redistricting.

**AGIO Recommendation:** AGIO recommends this data be loaded.

Shelby explained that not all school districts are zoned. That some districts elect Board members "at large," or the district did not file an official record with Mr. Humphries' Office and this explains the limited coverage in so many school districts.

**Motion:** John Ed Isbell amended his motion to load both Justice of Peace and School Board Districts on GeoStor.

**Second:** Judge Clayton Castleman seconded the motion.

There being no further discussion the Chair called the vote and the motion passed unanimously.

### **Board Endorsement of State Business Plan**

Shelby requested the Board formally endorse the Business Plan with the highlights outlined earlier.

**Motion:** Dr. Jackson Cothren motioned to formally endorse the Business Plan.

**Second:** Bekki White seconded the motion.

After a brief discussion regarding the Elevation Layer, the Chair called the vote and the motion passed unanimously.

The next meeting is June 2, 2010 at the Arkansas Tech University Library, Presidential Board Room, 105 West O Street, Russellville, AR. The meeting will be hosted by Dr. Ed Leachman.

Other meeting dates

Sept 1<sup>st</sup>, 2010

Dec 1<sup>st</sup>, 2010

The Chair opened the floor for additional comments. Dr. Jack Cothren announced to the Board that Arkansas was selected by ESRI to receive an education license for their software products that can be used in public school classrooms and administration. Dr. Cothren believes Arkansas is the first state to receive such an opportunity. The Board commended the program.

AGIO staff requested Board members remain at the meeting for a group photo and individual photos for the Web site.

**Motion:** Earl Smith motioned to adjourn the meeting.

**Second:** Randy Everett seconded the motion to adjourn.

Meeting adjourned at 11:35 AM.

Minutes prepared by Maria Owen, AGIO.