

DATE: September 30, 2011

TO: Michael Pennington, Executive Director, Tri-County Council for the
Lower Eastern Shore of Maryland
Scott Warner, Executive Director, Mid-Shore Regional Council
GIS Subcommittees of the Tri-County Council for the Lower Eastern
Shore of Maryland and the Mid-Shore Regional Council

RE: First Quarter Report FY12

ESRGC ACTIVITIES

- Hired one full-time, temporary GIS Analyst
 - Ross McAllen is supporting various grants and projects
- Hired one Graduate Assistant
 - Brett Dobelstein is working primarily to support the MD Broadband Mapping Initiative
- Hired two student interns to support County Departments
- Coordinated and hosted a regional meeting to discuss the acquisition of oblique imagery for the Eastern Shore of Maryland
- Exhibitor at MACo Conference and showcased ESRGC web application capabilities
- Participated in quarterly Maryland Statewide Geographic Information Committee (MSGIC) meeting
- Michael Scott is now the Chair of MSGIC

MIDSHORE:

- Provided GIS Intern to City of Cambridge Public Works at no cost
- Created map for MSRC to use in Shore Gourmet Brochure

LOWER SHORE:

- Provided GIS Interns to Wicomico County Planning & Zoning and Public Works Departments

GIS PROJECT ACTIVITY

- During the first quarter of FY12, the ESRGC signed on 2 new projects, generating \$42,620 fee-for-service contract costs.
 - The majority of the money generated is spent on labor (staff and students) to accomplish a variety of projects, for project materials (like aerial photography) or University overhead costs.
- Data Distribution Project

- Distribute aerial photography and/or vector GIS data for Queen Anne’s, Dorchester, Caroline, Wicomico, Somerset, and Worcester Counties. Data distribution fees were re-evaluated and increased on July 1, 2011.
- New Collaboration
 - Salisbury University’s Business, Economic, and Community Outreach Network (BEACON) and the Eastern Shore Regional GIS Cooperative (ESRGC), Departments of Information and Decision Sciences, Mathematics and Computer Science, Geography and Geosciences, Nursing and other academic and outreach units of Salisbury University have collaborated to form GNAPPWORKS: A mobile application development initiative for government agencies and non-profit organizations. It's goal is to develop mobile platform applications (apps) for government and non-profit organizations that will be available for a variety of platforms including, the iPhone, iPad, Blackberry, and Android. Although the market is currently flooded with apps for both the individual consumer and private companies, government entities and non-profit organizations have typically been left out of the target market. The number of applications for such organizations is nearly endless, from tracking open foster care beds, disseminating women’s health information, tracking equipment for the Department of Defense, to risk management and disaster prevention.
- Ongoing Collaboration
 - The GeoDASH Initiative: Facilitated by the Business, Economic, and Community Outreach Network (BEACON) of the Franklin P. Perdue School of Business at Salisbury University and the ESRGC, in partnership with the Mid-Shore Regional Council (MSRC) and the Tri-County Council for the Lower Eastern Shore of Maryland (TCCLES), and funded by the Economic Development Administration (EDA) of the U.S. Department of Commerce and the Maryland Department of Business and Economic Development (DBED). Its goal is to provide technical assistance to community leaders in matters involving economic development and transportation planning and develop state-of-the-art data visualization tools that merge the traditional business intelligence, geographic information, and dynamic modeling to support regional economic development decision making.

NEWLY-FUNDED PROJECTS

Title: *Provision of GIS Updates in Denton, MD*
 Purpose: Update Denton GIS base layers including parcels, water, sewer, and storm water, as needed.
 Agency: Denton Department of Public Works
 Amount: \$ 5,000
 Effective Dates: July 1, 2011 – June 30, 2012

Title: *Implementation IMS Application*
 Purpose: Implementing IMS application for Mountains West Services.
 Agency: Bridge Solutions
 Amount: \$ 37,620
 Effective Dates: July 15, 2011 – November 1, 2011

CONTINUING PROJECTS

Title: *Maryland's RiskMap Demonstration Project*
Purpose: Creation of geographic data sets to enhance mitigation and flood plain modeling capabilities on the Eastern Shore and several adjacent counties. Develop a flood vulnerability internet map application.
Agency: Maryland Department of the Environment
Amount: \$ 100,000
Effective Dates: January 1, 2011 – December 31, 2011 (contract signed May)

Title: *Provide GIS Intern to Oxford, MD*
Purpose: Update Oxford GIS base layers including parcels, water, sewer, and storm water.
Agency: Town of Oxford, MD
Amount: \$ 2,852
Effective Dates: June 2, 2011 – August 24, 2011

Title: *GIS Data Layer Update for Fruitland, MD*
Purpose: Update Fruitland GIS base layers including parcels, water, sewer, and storm water
Agency: City of Fruitland, MD
Amount: \$ 3,000
Effective Dates: June 15, 2011 – September 15, 2011

Title: *Chesapeake Bay Critical Area Mapping*
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Anne Arundel and Kent County
Agency: Maryland Department of Natural Resources
Amount: \$ 88,419
Effective Dates: February 1, 2011 – June 30, 2011

Title: *Chesapeake Bay Critical Area Mapping*
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in St. Mary's and Prince George's County
Agency: Maryland Department of Natural Resources
Amount: \$ 98,027
Effective Dates: October 1, 2010 – September 30, 2011

Title: *Crisfield Crime Analysis and Reporting System*
Purpose: Assist in the development and implementation of a Crime Analysis and Reporting System for Crisfield, MD
Agency: Crisfield Police Department
Amount: \$ 12,000
Effective Dates: October 15, 2010 – January 31, 2011

Title: *Quality Assurance Plan and QC of Aerial Imagery*

Purpose: Develop a QAP and perform quality check on Eastern Shore aerial imagery
Agency: Contracted by AXIS Geo Spatial Companies
Amount: \$ 15,000
Effective Dates: March 1, 2010 – December 31, 2010

Title: *Provision of Student Intern to Wicomico County Public Works*
Purpose: John Lorman (SU Student) is assisting David Mathers with various GIS related tasks.
Agency: Wicomico County Department Public Works
Amount: \$ 6,380
Effective Dates: September 1, 2010 – August 31, 2011

Title: *Provision of Student Intern to Wicomico Planning/ Zoning*
Purpose: Ben Reed (SU Grad) is assisting Frank McKenzie with various GIS tasks.
Agency: Wicomico County Department of Planning
Amount: \$ 9,380
Effective Dates: September 1, 2010 – February 29, 2012

Title: *Maryland Broadband Mapping Initiative*
Purpose: Collecting, validating, and mapping the service coverage areas and market performance of Maryland's Broadband service providers. Data is being collected and aggregated by census block, road segment, and address points. To disseminate project information and encourage citizens to assist with verification by taking a broadband speed test, developed outreach Web sites. Conducting verification tests, in the field and remotely, as well as developing a publicly available interactive map on the State's MD iMap infrastructure
Agency: Maryland Broadband Cooperative
Amount: \$ 4,755,768 (\$2,210,327)
Effective Dates: FY2010 – FY2014

Title: *Chesapeake Bay Critical Area Mapping*
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Queen Anne's, Caroline, and Calvert Counties
Agency: Maryland Department of Natural Resources
Amount: \$ 67,000
Effective Dates: January 2, 2010 – June 30, 2010 (not signed until June)

Title: *Chesapeake Bay Critical Area Mapping Pilot*
Purpose: Digitize shoreline and wetlands for use in generating new 1000' critical area boundary in Baltimore and Talbot County

Agency: Maryland Department of Natural Resources
Amount: \$ 300,000
Effective Dates: July 1, 2008 – June 30, 2009

Respectfully submitted,

Dr. Michael S. Scott, Director
Eastern Shore Regional GIS Cooperative