

Date: February 7, 2013

Agreement Number: G12AC20110

Project title: Developing a Business Case for the North Carolina Master Address Database
Maintenance in North Carolina

Interim Report

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Project Narrative

Many business processes across state and local government involve address datasets. The applications supporting these processes can include spatial datasets or tabular lists of addresses. The goal of this project is to identify the business benefits and content requirements for a statewide address dataset aggregated from authoritative address sources of local governments across North Carolina. These requirements will support development of fiscal estimates for the support of outreach to local government partners, resources for aggregating and normalizing the statewide data resource, and the infrastructure to support distribution of the data resource. Metrics will be developed to evaluate the success and relevance of the effort; these metrics will support technical management of the initiative, as well as report on programmatic and fiscal status on an on-going basis. The business plan and programmatic management tools will reflect the ability to integrate business processes and applications after the initial study and start-up, as well as substantiate programmatic or technical adjustments in the future based on the feedback metrics.

The work of this effort is part of a broader program known as *AddressNC*. *AddressNC* is a collaborative effort led by the North Carolina Center for Geographic Information and Analysis (CGIA) to support the stewardship of address-based information. CGIA developed the North Carolina Master Address Dataset using one-time funds from the North Carolina General Assembly in 2008 and 2009 to support the 2010 decennial census. CGIA is currently working with the North Carolina lead agency for broadband mapping, NC Broadband in the North Carolina Department of Commerce, using Phase II funds from the National Telecommunication Infrastructure Administration (NTIA) to update the North Carolina Master Address Dataset in 2013. This project is based on three distinct phases:

- Outreach to North Carolina local governments to identify and disseminate best practices in address management;
- Develop and test an updated aggregation workflow to focus resources on new, modified, and retired address records; and
- Implement the revised aggregation workflow in summer 2013 to refresh the North Carolina Master Address Dataset

CGIA has also participated in a pilot project of the US Census Bureau's Geographic Support System (GSS) Initiative. The GSS initiative is oriented to increase the efficiency and accuracy of data collection throughout the Census' Geography Division. North Carolina, along with the states of Montana and New York, and the Navajo Nation have participated in a pilot to develop better information, communication, and data exchange between local governments and their state stewards of address information. As GSS is further defined and implemented, CGIA and North Carolina local governments expect to parlay these partnerships in the context of the address aggregation business case. US Census is participating in activities to provide feedback and input on the business development activities as part of G12AC20110.

CGIA has held a number of initial outreach meetings with state agencies that will be the primary focus for collecting external requirements. These meetings have briefed the agencies (Transportation, Environment and Natural Resources, Justice, Board of Elections, Information Technology Services, Secretary of State's Office, State Budget and Management, and NC General Assembly staff) on the goals of the project and established the foundation for the focus meetings that for documenting requirements and benefits portions of the business case development. Additional agencies that will be solicited for participation will include Health and Human Services and Revenue.

The project team has presented or is scheduled to present on the Address NC initiative that includes the business case development that is part of G12AC20110. These events have included North Carolina Arc User Conference (September 2012), National States Geographic Information Council Annual Conference (September 2012), North Carolina GIS Conference (February 2013), and the North Carolina Local Government Information Systems Association Annual Conference (May 2013). Additionally, on-line outreach sessions to North Carolina local governments are being scheduled for the spring of 2013 that are primarily focused on outreach support for the NTIA funded activities, but will also include updates and solicit participation from local governments in the business case development process.

Next Steps

The next steps in the project will be outreach in the form of facilitated meetings with identified state

partners for soliciting detailed business and content requirements, and utilizing this feedback in the development of the detailed business plan documentation.

Revised Timeline

The proposed timeline for G12AC20110 has been modified to integrate with the other details of CGIA's engagement with related *AddressNC* projects through NC Broadband / NTIA and the Census GSS pilot. These timeline modifications have supported the sharing of staff across the projects as well as integrating technical activities and opportunities. The CGIA staff is currently dealing with two staff vacancies that are being resolved. One vacancy is directly related to all three of the *AddressNC* components; the manager of these vacancies is also a key participant for *AddressNC*. This situation will be monitored closely through the month of February. Any impacts or delays in these vacancies may prompt a request for a timeline extension, and CGIA will forward this in a timely manner to FGDC.

Attachments

None