

Date: September 22, 2009

Agreement: NSDI CAP G09AC00088

Project Title: Utah Transportation Data Exchange Framework

Report Type: Interim Report

Organization: Utah Automated Geographic Reference Center

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Collaborating Organizations: Utah Geographic Information Council, Utah GIS Advisory Council

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Data Themes: Trans_RoadSegment, Trans_Route, Trans_TrailSegment

Project Narrative:

a) The project tasks specified below remain unchanged. Project effort to date has focused on research and planning for an expected mid-fall kick-off. In preparation, we've started a road centerline data forum on the Utah GIS Portal (<http://gis.utah.gov/gis-forum/313>).

1. Build a Utah Inter-Governmental GIS-T Workgroup.
2. Refine the Utah Transportation Data Model (UTDM).
3. Define a Tiered Set of Transportation Data Exchange Options.
4. Model Transportation Data Sharing Agreement.

b) No data content has been provided to date. However, the data themes listed above and their metadata will be provided without restriction to USGS. The datasets will provide cartographic, address location, linear referencing, and network analysis functionality to the national map.

c) Data updates will be made on a two month cycle at AGRC and USGS can determine its own periodicity for pulling AGRC's data releases into the national map.

d) AGRC's main issue is a project scheduling backlog. That is the sole reason for the mid-Fall start for this project. The major reason for this has been a joint project between AGRC and UDOT to build the state and federal route linear referencing system in the Utah road centerlines dataset. The first product, an end-point calibrated route system dataset has been produced as is available as part of the Utah State Geographic Information Database (http://gis.utah.gov/sgid-vector-download/utah-sgid-vector-gis-data-layer-download-index?fc=UDOTRoutes_CalibratedEP). Ramps/collectors and mileposts will be added later this fall and talks are ongoing with respect to including local roads that fall into the federal aid eligible classification. The results of the UDOT project will be included in any data shared with USGS. A minor issue encountered included the lack of documentation included with the USGS Best Practices Data Model for Transportation. For this, we would like to see feature geometry requirements or best practices (see discussion that we have started on our online forum (<http://gis.utah.gov/gis-forum/542>)).

e) USGS has been party to Utah's multi-organizational Geospatial Data Sharing MOU since 1997 and AGRC will work together with USGS to extend this agreement.

Upcoming Activities:

1. Transportation GIS Survey via surveymonkey.com to the over 800 registered users of gis.utah.gov that have indicated an interest in Transportation data

2. Workgroup formation/ membership call
3. Kickoff conference call/WebEx
4. Workgroup subcommittee task identification and formation