

**Federal Geographic Data Committee (FGDC)  
Transportation Subcommittee (TSC) Meeting Notes  
ESRI Federal User Conference (FedUC)  
Washington, DC  
2/24/2016**

Agencies in Attendance

- DOT (multiple modes)
- FWS
- Census
- USGS
- GSA
- ORNL
- WMATA
- USACE
- NGA

TSC Charter Considerations

- October 2010 FGDC TSC Charter needs to be revisited/updated to ensure that the objectives contained w/in are consistent w/ the objectives to be established for the individual working groups
- The term “transportation” is currently defined in the October 2010 FGDC TSC Charter; definition should be revisited to ensure that it is representative of all TSC entities’ interests and consistent with the current TSC’s goals and objectives

TSC Objectives

- Consider revisiting the 2012 GAO Report to determine whether or not agency-specific recommendations have been addressed; for recommendations that have not been addressed, determine to what extent the TSC’s work can focus on these
- For the TSC’s consideration, WMATA offered up various transportation data model-oriented concepts a starting point for work plan development purposes
- The TSC had an extensive discussion on the topic of data standards in terms of “what drives standards” and “what standards currently exist”.
  - TSC’s role/responsibilities as it pertains to data standardization/harmonization needs to be clearly defined
  - Inventory of existing and desired standards (across agencies) needs to be conducted
  - W/ regards to Federal government-State DOT coordination, an investigation of how standards ultimately get adopted is needed
- The TSC needs to get a handle on Federal stakeholders’ requirements with regards to the following: schedules for data needs/deliverables, standards, workflows, challenges and/or deficiencies, etc.
  - Requirements gathering approach similar to the one used for Transportation for the Nation (TFTN) initiative should be given consideration

- Regulatory requirements associated w/ specific data needs/deliverables need to be identified where applicable
- An inventory of current relevant datasets needs to be performed
- Investigation of data sharing/exchange capabilities w/ regards to restrictive info., proprietary data issues, etc. needs to be conducted across Federal agencies
- Analysis of data model elements inherit in existing data standards (e.g., definitions of links, nodes, etc.) needs to be conducted across Federal agencies
- The TSC should consider gathering info on methodologies for integrating Federal and non-Federal data in order to develop approaches for ensuring the availability of comprehensive data sources
- Prioritization of TSC objectives needs to be discussed and determined
- Multi-year Strategic Plan need to be developed
  - TSC's role and key objectives need to defined at the outset
  - All stakeholders need to be identified along w/ the supporting coordination workflow and communication channels to ensure appropriate representation
  - All Federal agencies who either develop and/or consume transportation data should be canvassed for Strategic Plan development purposes

#### FGDC Transportation Theme Considerations

- FHWA provided some background on the ARNOLD (All Roads Network of Linear Referenced Data) initiative as it relates to TSC's objectives
  - Federal Lands inquired about the current State DOT-FHWA workflow/coordination process in terms of the provision/exchange of roadway data
  - USGS is currently unable to use ARNOLD due to specific attribute needs, which have yet to be accommodated
  - NSGIC is heavily focused on roadway data for e-911/emergency management purposes, which is contrary to the way in which FHWA and the State DOTs utilize this data