

Minnesota Geospatial Advisory Council

Standards Committee Work Plan

Work Plan Edit Date: Monday, March 5, 2018
Approved by Committee: Monday, February 26, 2018

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Link to Committee charter: <http://www.mngeo.state.mn.us/committee/standards/>

Accomplishments from 2017

Meetings. The Standards Committee convened three times during calendar 2017 (June 21, 2017, October 25, 2017 and November 30, 2017). These meetings yielded significant progress on advancement of standards, refining needed details of standards in development, honing the standards development process and the identification of clear next steps for action by committee members.

Strengthened relationships with other GAC Committees, geospatial workgroups and interests. The Standards Committee has worked actively to build and strengthen its relationships with other active committees, work groups and interests. Prime examples include working in tandem with the NextGen9-1-1 interests and Metro Address Work Group for the advancement of the Address Point Data Standard and with the Parcels and Land Records Committee on the advance of the Parcel Data Transfer Standard. Communications to other interests involved in the advance of road centerlines and hydrographic data standards have been initiated as those standards begin to develop and make their way toward draft status for consideration for review in the future.

Collection and publication of comments on standards published for stakeholder review. The Standards Committee was active in the publishing of standards for review and the collection, publishing and responding to this stakeholder input for advancement of proposed standards. The Parcel Data Transfer Standard was reviewed from Oct 2016 through Jan 2017 and chair Maas conducted presentations about the standards around the state during 2017 for additional input. Additionally, the Address Point Data Standard was published for review during July through September 2017 with comments collected, reviewed and published during Fall.

Outreach. Standards Committee chair Geoff Maas delivered a 25-minute presentation on the topic of standards at the GIS/LIS Conference in Bemidji on October 5, 2017. A panel of presenters comprised of members of the Parcels and Land Records Committee including George Meyer, Otter Tail County, Mark Sloan, Clay County and Bart Richardson and Jeff Reinhart from the Minnesota Department of Natural Resources and Geoff presented on the history of their Committee, and the development, advancement and next steps for the Parcel Data Transfer Standard. Maas also traveled around the state during 2017 (Duluth, Fergus Falls, Walker, Mankato and Red Wing) to make brief presentations about the forthcoming parcel data standard and to collect additional comments, insights and concerns on the standards in development.

Drafting and development of resource material supporting standards. The Committee drafted and subsequently edited and refined its Standards Development Flow Chart. This chart delineates the general path and set of procedures for the creation, refinement, advancement and approval of a standard in Minnesota.

This chart is available here: <http://www.mngeo.state.mn.us/committee/standards/StandardsProcess.pdf>

The Standards Committee will conduct further edits and refinements of this process as needed.

Adoption of Address Point Data Standard, V. 1.0; The Standards Committee advanced the candidate Address Point Data Standard to the Geospatial Advisory Council on December 6, 2017. The Council voted unanimously to adopt the standard as a resource for the geospatial community in the state. This standard is available here: http://www.mngeo.state.mn.us/committee/standards/address/address_standard.html

Alignment of existing and future standards. With the adoption of the Address Point Data Standard, the Standards Committee has the opportunity to align other standards containing address information (e.g. names, field widths and other elements) to make interoperability and translation of data more efficient.

As of this writing the following standards in development have aligned their attribution to the adopted Address Point Data Standard:

- **Parcel Data Transfer Standard, Draft Version 3.2**
(Draft standard in review)

- **Metro Regional Centerline Collaborative (Centerline Standard), Version 1.7**
(Regional standard in use among the Seven Metropolitan Counties)

- **Minnesota Road Centerline Standard Version 0.5**
(Draft standard in development)

Standards Committee Work Plan for 2018

Deliverable #1 – Parcel Data Transfer Standard advancement

The Standards Committee published a Version 3.2 draft of the Parcel Data Transfer Standard out for a 30-day public review period (January 8 – February 9, 2018). The Committee has collected the input from this review and will assess these for needed changes to the proposed parcel standard and decide upon the fitness of the proposed standard for recommendation to the GAC.

Deliverable #2 – Meetings in 2018

The Committee is scheduled to meet on February 26, 2018 (in person with conference call-in options available) and will schedule additional meetings and conference calls as are warranted pending input received from proposed standards or for other relevant business.

Deliverable #3 – Updating Work Plan and Standards Procedures as needed;

The committee will develop and edit resources and supporting material (sample datasets, metadata, FAQ documents, etc.) as needed to support the candidate standards in their progress through the review process;

Deliverable #4 – Road Centerline Standard Review

The Committee anticipates continued work on a potential statewide road centerline standard during 2018; this is dependent upon the stakeholders with a business need to shape and advance a candidate standard for publication and review;

Roles and responsibilities. The Standards Committee's primary responsibilities are to ensure a transparent and inclusive process is retained for the creation, review and advancement of standards.

Resources. At present, the primary resource needed by the Committee are in-kind contributions of members' time and expertise to review documents, attend and participate in meetings and to review the input received by stakeholders and assess their utility and impact on standards in development. The Committee makes use of MnGeo staff time for basic updating and maintenance of its web presence:

<http://www.mngeo.state.mn.us/committee/standards/>

Committee needs. The Committee's only core needs are the continued commitment of its membership to participate and for MnGeo to continue to host its website giving access to its published materials.

Dependencies and interrelationships. As mentioned above, the Standards Committee has been committed to maintaining solid relationships with other committees and work groups and is prepared to continue to maintain these. The Standards Committee is dependent on stakeholder interests with a business need to develop and advance candidate standards which aim to satisfy those needs.

Risks. Potential risks to the Standards Committee include meeting fatigue among the partners, reduction in interest and participation of members and stakeholders, the danger of 'paralysis of analysis' halting advancement of standards or the standards development process.

Geospatial Advisory Council Approval of Work Plan: March 28, 2018