



Technical Advisory Board (STAB) Meeting Minutes

Meeting Date: Thursday, December 10, 2020

Start Time: 10:30 am

End Time: 11:55 am

Location: Remote Zoom meeting

<https://coronaenv.zoom.us/j/95561972409?pwd=VEpBa2d3bjJCcGxPZjFPLy9FOVd6QT09>

Attending:

Category	Present	Absent
Voting Members	Christine Shaw Deena Bowman Mike Klein, Vice Chair Scott Daeschner Andrew Butterfield Ross Martin John “JT” Taylor, Chair	Hana Feldman Alan Gomez Jason Bachelor
Ex Officio Members	Tod Chee, Secretary Adam Attar	
Invited Guests/Visitors	Louise Wedley	Angela Smith

Topics:

1. Approve Minutes from Previous Meeting

A motion was made by Ross Martin and seconded by Scott Daeschner to approve the minutes from the October 8th 2020 meeting following correction of the date in Item 1 to 13th August 2020. A voice vote was taken and the motion was approved unanimously.

2. Remove DIST_PRECINCT11082016

SanGIS requested approval to remove the DIST_PRECINCT11082016 layer from SDE as it is there in error. Only the home precincts layer (DIST_PRECINCT) should be in SDE. Archived election precinct layers are all available on the Regional Data Warehouse. STAB approved the removal of this layer following the standard 5 day notification period.

3. Re-categorize and rename health layers

SanGIS in an effort to consolidate categories seeks STAB approval to remove the HLTH_ Prefix from HEALTHCARE_FACILITIES, CHILDCARE_FACILITIES and COOL_ZONES and remove the Health Category from the data warehouse. SanGIS would like to move the healthcare and childcare facility layers to the Places category and asks STAB recommendation for the best location for Cool Zones (Miscellaneous, Place or Zoning perhaps). STAB want SanGIS to keep the health category but that it should be more specific to public health. Ross is to identify key and enterprise needed layers

for SanGIS to maintain. SanGIS is to leave the data where they are for now but the item will be included on the agenda to keep conversation going. Business processes and requirements first need to be identified by the Office of Emergency Services.

4. Remove Law Category and move layers

SanGIS in an effort to consolidate categories seeks STAB approval to move LAW_SDPD_BEATS and LAW_BEATS_PUBLIC to the Jurisdiction Category. Law facilities were moved to the Places category. This would allow the Law category to be removed. STAB approved moving the layers to the Jurisdiction category. No STAB notification is required.

5. Emergency Category Update

SanGIS has reviewed data warehouse layers with the aim of consolidation of categories and the creation of a new Emergency category. SanGIS suggestions were included in a spreadsheet Data Warehouse Category Review STAB 10 December 2020.xlsx for review by STAB. City Fire would like a single location for emergency datasets. It was agreed to provide this categorization through a service on the SanGIS Portal only. STAB agreed with SanGIS's proposed list with the exception of dams and hospitals that are not to be included. The service should be tagged as not for high volume. Ross is to work with Tod and Drew on collaboration settings.

6. HYD_LAKE layer replacement

SanGIS created a new water body layer called HYD_NHDWaterbody. This layer contains and extract of polygons of water body features from the NHD located within 1000ft of San Diego County. The new layer was reviewed against the old HYD_LAKE layer and provides a more comprehensive and accurate inventory of water bodies than the HYD_LAKE layer with the exception of bays (i.e. Mission Bay and San Diego Bay) that are not included in the dataset. SanGIS created a new HYD_BAY layer to cover these. Polygons representing San Diego Bay and Mission Bay were created by tracing the coastline (polyline feature) from the National Hydrology Dataset Flowline layer and converting the features into polygons. SanGIS also drew attention to a lagoon layer on the Regional data warehouse that contains features not represented elsewhere. STAB approved the removal of the HYD_LAKE layer with 2 weeks' notice and asked that the lagoons be traced and added to the HYD_BAY layer with a field to identify them as lagoons.

7. NHD Review

SanGIS created a series of models to update the NHD Feature datasets, related tables and relationship classes in SanGIS SDE and asked about STAB interest in SanGIS retaining and updating these layers. This involves the merging of two separate NHD datasets, the removal of portions therein, the re-creation of relationship classes, merging of related tables and the re-creation of either a geometric network or trace network. The existing dataset contains a geometric network. However, Geometric Networks are replaced by Trace Networks in ArcGIS Pro and are not compatible between ArcMap and ArcPro. City Transportation and Stormwater Department and the County support SanGIS maintaining these data including the creation of a trace network. The City and County will discuss possible replication offline. SanGIS is to process the update including the creation of a trace network and will work with Drew to get the data in SanGIS SDE updated.

8. TSW Levee layer update

There are two layers to publish out to SanGIS. Topic is to be tabled until next time as the City are still working with the department on these layers.

9. Permeability layer

The city has a requirement for a permeability layer but are still deciding whether this should be internal or if it would be beneficial to the region. The city requested to find out if there is a need at County level or if it might extend to other municipalities. The city are looking at it for rain

runoff and vegetation support. In last 2 years a number of potential solutions have become available externally in vendor support to maintain this, also Esri have a hydro group. Ross indicated that the watershed protection group are not in the STAB dialog sphere so there would be a need to package up a solution and propose it to them for a specific cost. Further dialog will be taken outside of STAB for the watershed protection unit.

10. SANDAG 2ft Topography

SANDAG wanted to gauge the group on the current offering on the Regional Data Warehouse for topography and if an update to it is needed. Does STAB want to go the same route of breaking up the remaining areas into subareas for publication on the data warehouse, if we want to consider using the SANDAG data portal (consumes credits) or continue on with data extracts on an as needed basis for engineers. There is also the option for the creation of a utility using an FEM clip and ship tool as a zip file to individuals. Hosting and cost are key issues. SANDAG is to investigate options further. This would need to be incorporated into the fiscal year for SanGIS.

11. Road Freeway update

SANDAG have made some improvements since the last updates to major roads. Freeways are derived from this layer. Updates to both layers should soon be made available.

12. TRA updates

Quartic developed script to automate the TRA process and are scheduled next week to assess the results of script output and issues. There is not yet a timeline on when the TRAs will be updated due to automation of the process.

13. SanGIS Portal Update

Louise is working on services. Drew is to work on collaboration settings with the City and County going forward.

14. SanGIS Updates

SanGIS is planning for an Arc Pro update and move to Parcel fabric along with a change of the edit environment to feature services and build out tools. This will be a major change to SanGIS editing operations going forward especially as it relates to the Assessor's Office.

SanGIS is also in the process of updating ArcGIS server to 10.8.1

15. Announcements / Other Information

Christine Shaw queried the possibility the addition of a Situs address concatenated field to the Parcels layer. STAB indicated that it is not incumbent on the region to accommodate the need of individual departments and there is no requirement from other business organizations for this. The city is to look into a solution for the Fire department and the access for the department to a service with owner names included.

STAB can be rescheduled if needed due to commitments related to Covid-19.

Next STAB Meeting:

February 11, 2020 10:30am
Virtual Meeting via zoom.