



Technical Advisory Board (STAB) Meeting Minutes

Meeting Date: Thursday, October 8, 2020

Start Time: 10:30 am

End Time: 11:50 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 Jason Bachelor John “JT” Taylor, Chair	Hana Feldman Alan Gomez
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 Scott Daeschner and seconded by Mike Klein to approve the minutes from the August 13th 2020 meeting. A voice vote was taken and the motion was approved unanimously.

2. Bike_Route Schema Change

SANDAG requests STAB approval to remove the Max_Elev field from the Bike_Route layer. This field is no longer maintained and has not been used in 2 years so there is no need to maintain it further. Grade changes will be better represented by separate slope layer separate from the bike route layer. The layer is not used for modeling purposes but could be used for intersecting bike routes. Alternative level field could be used for this purpose. STAB approved the schema change to this layer following the standard 5 day notification period.

3. Transportation and Storm water Levee layers

City GIS is working with the Transportation and Storm water Department creating new levee layers (one layer is a linear feature layer, another will show right of way polygons). This data has never been published to SanGIS. The department would like it to be published on the Regional Data Warehouse. The

City wants to know if it should be included in SanGIS SDE or if the City needs to come up with a process to regularly publish this data. Maintenance will be as needed. SanGIS prefers for the data to be in SDE as well. The City is to determine update frequency and if the data needs to be on emergency thumb drive or not.

4. Wetland layer category

SanGIS requested input on the most appropriate categorization for the Wetland layer. The layer is categorized as Hydrology in SDE but Ecology on the Regional Data Warehouse. The dataset schema includes wetland types, e.g. Freshwater Forested/Shrub Wetland, Riverine, Estuarine and Marine Wetland, Estuarine and Marine Deepwater which arguable makes it more suited to the Ecology category. Ross Martin explained that the layer represents ecosystem level protection to prevent large areas of wetland from being destroyed. The layer is meant as a wetland inventory. SanGIS would like to change the layer name in SDE from HYD_WETLAND to ECO_WETLAND along with a category change. STAB approved the renaming of this layer and to be moved to the Ecology category following the standard 5 day notification period.

5. JUR_US layer removal

SanGIS requests STAB input on whether to retain or remove this layer from SanGIS SDE. The layer is not included on the Regional Data Warehouse. The layer is old and does not match up with the County boundary. STAB considers this layer redundant with Living Atlas dataset availability. STAB approved the removal of this layer following the standard 5 day notification period.

6. HYD_LAKE layer name change

SanGIS would like to rename the HYD_LAKE layer to something more accurate, e.g. HYD_WATERBODY. There are two additional layers on the RDW (Lagoons and Harbour_Bay) which are subset of the HYD_LAKE layer. These layers would not be needed if the HYD_LAKE layer was more intuitively named. SanGIS would like to be able to remove those two layers from the RDW. SanGIS is to look into replacing this layer with an updated water body layer from the National Hydrology dataset. The HYD_LAKE layer will be retained until then.

7. Road Freeway layers

Currently the SanGIS ROADS_FREEWAY and ROADS_FREEWAY_RAMP layers are on SDE only and not on the Regional Data Warehouse. SanGIS would like to add them to the Regional Data Warehouse and update them there on a monthly basis alongside the other SanGIS roads layers. SanGIS would like to remove the outdated SANDAG Freeway layer that is currently on the Regional Data Warehouse (the layer is not in SDE). This layer is dated 2012, contains no metadata and appears to be no longer maintained. SANDAG is going to provide an updated Freeway layer (that includes ramps) that extends outside of the County boundary. STAB approved SanGIS adding the ROADS_FREEWAY and ROADS_FREEWAY_RAMP layers to the Regional Data Warehouse following the update schedule for other road layers.

8. Facility Category Discussion

The following four layers are located within a “Facility” Category on SanGIS SDE (FACILITIES_CN, FACILITIES_MILITARY, FACILITIES_WASTE_CN, and LAW_FACILITY). The layers are categorized under Place and Law categories on the RDW. SanGIS seeks STAB recommendations on whether we should create a new Facility category on the RDW so that categories can be in sync, or if the SDE layers should be categorized under Places. Facilities_CN comprises boundaries for large County facilities such as the County Operation Center and detention centers. It is derived from facility center asset management datasets, and includes property numbers. The Military facility layer is needed for land use and

regulations. The Law facility layer should be moved to places. The Military Facility and other facility layers should be moved to the land use category. Facilities Waste CN is an emergency disaster dataset. This dataset will be tabled for now. It is recommended to create a new Emergency category going forward but first we need to identify what datasets should go in there. SanGIS is to draft a list of potential layers for inclusion in an Emergency category and send to City Fire, OES and other interested parties to review. County emergency response meetings are held quarterly. Tod will seek feedback at the next meeting in two months' time.

9. TRA Update

The Quartic/Assessor project been approved to move forward in a month or two from now. Tod to follow up with Bill on timelines for completion of the TRA. It is deemed necessary to capture business requirements with Tony Pocina to design new process.

10. Emergency Data Drive Update

SanGIS needs to wait for the TRA timelines for completion of the emergency data drive.

11. SanGIS Portal Discussion

SanGIS would like STAB input on the creation of an Emergency Group on our Portal with Feature Services mirroring that included on the annual Emergency Data Drives to be shared with other agencies such as municipalities as well as JPA members. SanGIS also seeks STAB input on the creation of a Water Hydrant group to share the consolidated water hydrant layer with project participants. SanGIS seeks STAB input on other ideas for the development of the SanGIS Portal. Ross cautioned about the SANMAP effort in various portals including Public Safety database. It would need to be clear that the content is for preparation and not operational purposes. It needs to be clearly stated that it is reference data only and the limitations must be clear, do not use for emergency response. It is necessary to portray the data as a development environment that can be consumed. This provides a middle ground for uninitiated to discover content. The Emergency portal content would also provide a useful backup to infrastructure hardware. A collaboration setting should be established for this content. SanGIS will draft content for Portal.

12. SanGIS Announcements

The MOA with SANDAG is almost complete. SanGIS will take it to board next week.

The compressed imagery being copied onto drives right now. SanGIS has 9 inch imagery published.

13. Announcements / Other Information

Scott Daeschner wants to discuss the use of new technology to replace existing technology following on from recent FTP issues. He would like to leverage AWS, Dropbox or other options.

Deena is to provide a Historic Location 2012 dataset to SanGIS for the data warehouse.

Following on from the Virtual Esri Imagery meeting on Tuesday, PLANET, a remote sensing company have many software as a service and data as a service providing a low cost opportunity to have access to daily 4 band imagery with lower spatial resolution. This would be useful for example for permeability studies. They also provide a whole host of other services, that if

affordable enough it would be useful for data reporting. They have a virtual conference on 13th October.

SANDAG requests to add an item for the next agenda to add 2ft contours from 2017 Lidar to the data warehouse. Adam Attar will reach out to Louise and also to confirm if it is new data or the existing mix from 2014 – 2016.

Next STAB Meeting:

December 10, 2020 10:30am
Virtual Meeting via zoom.