



September 2006

The Source

News from the San Diego Geographic Information Source

Eagle Imagery

SDE Load Still in Process

We had to delay the start of the Eagle imagery load for about a week due to a request from the City. After we got started, things were going well and we were on track to have the imagery online this week. Unfortunately, we encountered a disk error that affected a very small fraction of the imagery. Despite several attempts at work-arounds, we found that we could not complete the pyramid process that follows the load of the imagery.

Therefore, we had to delete all of the new imagery and start again. This process began last weekend (9/8). We are hopeful that the load and pyramiding will be completed in a few more days. Meanwhile, the imagery is available in compressed MrSid format by contacting your GIS Manager.

Sorry for the delays. We will send a broadcast message as soon as the load and pyramiding completes.

Landbase Maintenance

Back on Course

The migration/upgrade from our old Arc/Info 7.1 Unix system to the new ArcGIS windows platform took place in early 2005. In the months that followed, we fell behind in our landbase maintenance work. This was due to a combination of factors, not the least of which was the learning curve for the new software. In addition, there was functionality missing from the new system that had been built into the old system over a period of about 15 years. Tasks that could be done in the old system with a couple of clicks were taking many clicks in the new system. There was also a lot to learn about performance tuning for the new versioned geodatabase. There were many days when the system was very slow and our staff was very frustrated.

Those days are behind us now. Due to the efforts of Drew Dowling (programming), Bin-Bin Shang (database), Bob Short (testing and consulting), Frank Jessie and his staff (map entry), we returned to normal status at the end of FY06. We no longer have a backlog. There are just 2 maps being worked right now and a very small stack of parcels to complete. ***Congratulations to Frank and the rest of the team!***

Despite the actual status, there is still an impression that we are behind and that we don't complete work within our goals...and that our goals are too loose. So, we thought it would be good to review the process with you. Here are some key points on the landbase maintenance process:

- Map entry goal is 30 days from receipt of source documents. Many people think this is 90 days. It hasn't been 90 days for a long time.
- Most source documents are provided to SanGIS by the County Assessor/Recorder/Clerk within 2 weeks after they process them.
- Every document is logged into our system upon receipt so that it can be tracked against our goals.
- Subdivision map entry is done prior to parcels. We are usually awaiting parcel

assignments while we enter the lots and roads.

- We depend on the County and all the cities to supply block ranges for the roads. These do not appear on the maps.
- Most data entry is done using coordinate geometry. Sometimes we are lucky enough to get a digital submission from the developer, one of the cities, or the County. This helps speed the process.
- Maps (lots and roads) are entered first in/first out. Parcels are done in batch by maintenance areas (see linked document below).
- We request freeway changes from Caltrans. This relationship has improved this year due to changes in Caltran's organizational structure.
- Some cities do not require coordinate ties so our work is "best effort" in those cases.
- Sometimes the source documents contain errors. The County Surveyor is our advisor to resolve these issues.
- We do not have any program in work to systematically improve the landbase. All maintenance work is performed due to either a map process (subdivision, parcel maps) or because an error has been reported to us.

We are often asked why **we** don't require digital submissions. We do not have this authority. These policies need to be implemented by the presiding jurisdiction. Frank calls private engineering firms to request the digital files, particularly for large subdivisions.

During the next few weeks we will be looking at possible improvements to the process to get the job done faster. Please contact us if you have any questions or suggestions. For more info on the current process, click on the link below.

[View Landbase Maintenance Overview](#)

Data News

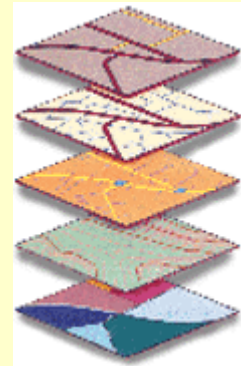
Adds, Deletes and Updates

Additions:

- ORTHO_COUNTYWIDE_COLOR_2005 (*pending*)

Updates:

- CMTY_PLAN_SD update provided by City Planning
- CMTY_GENERAL_PLAN_DRAFT_CN update provided by DPLU
- PLACES_CELL_SITES update provided by DPW & DPLU
- CMTY_P (community points) updated by SanGIS
- CULTURE_AREAS_TB annual update from Thomas Brothers
- CULTURE_POINTS_TB annual update from Thomas Brothers
- GRID_TILE_TB annual update from Thomas Brothers
- HYD_LAKE_TB annual update from Thomas Brothers
- ROAD_TB annual update from Thomas Brothers



Deletions:

none

Reminders

Report Data Errors

Contact Frank Jessie or any SanGIS staff if you find an error in the landbase. His email is fjessie@sangis.org or phone 858-874-7010. **Or use the SanGIS Forum online to report errors!**

SDE/Oracle Accounts

To get a new SDE/Oracle account please contact Drew Dowling at adowling@sangis.org or phone 858- 874-7007. He can also change your password or delete accounts.

Online Forum

The SanGIS Online Forum is a resource for announcements, data lists, newsletters and other information. We encourage you to post your questions or report data errors using the forum. Click on the link below then click on "Register".

[SanGIS Online Forum](#)

About SanGIS

SanGIS is a Joint Powers Agency formed by the City of San Diego and County of San Diego in 1997. Our Mission is to maintain and promote the use of a regional geographic data warehouse for the San Diego area and to assist in the development of shared geographic data and automated systems which use that data.



The Source is a monthly newsletter distributed to internal SanGIS users (City, County, SDDPC, SANDAG) to communicate data news and other information related to use of SanGIS data within our network. It is not intended for external distribution.

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