



Detail of SanGIS Road Name Changes

October 2013

In the past SanGIS has published road name data using an abbreviated form of the official full road name. These were known as the ROAD20 values. ROAD20 values required SanGIS to make certain abbreviations in the full road name to accommodate a 20 character field. The ROAD20 values also did not include any post direction values. These compromises were necessary for certain legacy systems at the City and County of San Diego.

In order to provide higher quality data to both our JPA members and public users, SanGIS began a project to change all data layers containing road names from the abbreviated (ROAD20) values to the expanded (ROAD30) values. The new ROAD30 values use a 30 character field and will accommodate the full road name for all but one road in San Diego County. The ROAD30 values also include a separate field for post direction.

The SanGIS project to update all layers that include road names to use the ROAD30 values began in June 2013 and will be completed in November 2013. The changes will affect all road, parcel, address, and lot layers. SanGIS will add the ROAD30 values to the road layers and change the parcel, lot and address information to use the new values. ROAD20 name values will continue to be published in the road layers (and only in the road layers) for those legacy systems that require the shortened version.

Specifically SanGIS proposes to:

1. Add the following fields to the road layers (ROADS_ALL, ROADS_COLLECTOR, etc.):

<u>Attribute</u>	<u>Type</u>	<u>Length</u>
RD30PRED	String	2
RD30NAME	String	30
RD30SFX	String	4
RD30POSTD	String	2
RD30FULL	String	41

Note that ROAD30FULL would be a concatenation of the other four RD30 attributes. The existing RD20 attributes would continue to be maintained on the road layers

2. Add one attribute to the ADDRESS_APN layer:

<u>Attribute</u>	<u>Type</u>	<u>Length</u>
ADDRPOSTD	String	2

This will be the road name post direction which is currently not published as part of addresses.

3. Publish ROAD30 values in the ADDRESS_APN layer (Pre-direction, name, suffix, post-direction). There would be no change in field names or values as the ADDRAPN layer is currently structured to accept ROAD30 values (but is using only ROAD20 values).



4. Add one attribute to the parcel layers (PARCELS_ALL, PARCELS_EAST, etc):

<u>Attribute</u>	<u>Type</u>	<u>Length</u>
ROADPOSTD	String	2

This will be the road name post direction which is currently not published as part of parcels.

5. Change the field length of the existing road name attributes in the parcel layers. Specifically:

<u>Attribute</u>	<u>Type</u>	<u>Length</u>
ROADPDIR	String	Change from 1 to 2
ROADNAME	String	Change from 20 to 30
ROADSFX	String	Change from 2 to 4

6. Publish ROAD30 values in the parcel layers. Note that this affects only the address values added by SanGIS. The SITUS address values provided by the County Assessor will not change. SITUS values already conform to ROAD30 attribute types and field lengths.
7. The same changes listed in numbers 4, 5, and 6 above will be applied to the LOTS layer as well.