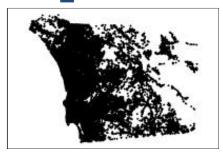# ROADS_INTERSECTION

Tags

Intersection, road intersection points, San Diego County, street intersection

Summary:

This dataset consists of points which represent intersection nodes at the end of individual road segments in the SanGIS ROADS_ALL layer.

Feature Type: Point

Number of Records: 128746

Publication Date: 2021-11-01

Date of Data (Temporal Period Extent): 2021-10-30

Extent: The spatial extent of this dataset is San Diego County. The temporal extent is variable.

Extent in Longitude Latitude

North 33.506772
West -117.597016   **East** -116.080219
South 32.530640

Extent in the item's coordinate system

North 2128020.373250
West 6151037.000000   **East** 6613420.622000
South 1775475.000000

Description:

This dataset consists of points representing intersection nodes at the end of individual road segments in the SanGIS ROADS_ALL layer (and derivative road layers). This feature class is linked to the SanGIS road layers via the intersection ID (INTERID) field. Key attributes of this dataset include intersection ID and intersection type of which there are 13 types (e.g. cul-de-sac, end segment and intersection). Further details of individual fields are included in field definitions below. Points are located at the end of each road segment. SanGIS road centerlines are broken into segments between intersection points. Intersections are created whenever two roads come together and at other locations as determined by SanGIS standards of practice. These additional locations include

places where the road name changes, where a road traverses a jurisidictional boundary, in certain cases where a road goes from one police beat to another, and at other places as defined by the TYPE attribute.

Credits:

SanGIS with assistance from SanGIS JPA member users.

Use Limitation:

Data is generalized and created for use in regional projects. Please refer to SanGIS GIS data end user use agreement and disclaimer which is available at the following: http://www.sangis.org/Legal_Notice.htm.

Topics and Keywords

Topic Categories: Transportation

Themes:

Intersection, road intersection, streets, nodes

Places:

California, County of San Diego, Carlsbad, Coronado, Chula Vista, Del Mar, El Cajon, Encinitas, Escondido, Imperial Beach, Lemon Grove, La Mesa, National City, Oceanside, Poway, San Diego, San Marcos, Solana Beach, Santee, Vista

Resource Details:

Status: On Going
Type: Vector
Update Frequency: Weekly
Next Update: Not specified

Spatial Reference System:

Type: Projected
Reference: GCS_North_American_1983
Projection: NAD_1983_StatePlane_California_VI_FIPS_0406_Feet

Identifier: 2230
Codespace: EPSG
Version: 5.3(9.0.0)

Contacts:

Point of Contact

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Distribution Ordering Instructions:

Refer to SanGIS website (http://www.sangis.org/services/index.html) to obtain
further information on mapping and data extraction services available from SanGIS.

Fields:

Overview:
Road intersection nodes are identified by the Intersection Identifier field -
INTERID. The INTERID links to the TNODE and FNODE fields in the SanGIS
ROADS_ALL layer (and derivative road layers).

The TYPE field identifies the intersection type. There are 13 types including
intersection, cul-de-sac and end segment. TYPE provides the key to understanding
why the road segment was terminated at that specific point.

Citation:
None currently available

__FID (OID)
Internal feature number.

INTERID (Integer)
Intersection ID. Unique node identifier.
Key field to link to TNODE and FNODE in road layers.

X_COORD (Double)
X (Easting) coordinate of point. California State Plane, Zone 6, NAD83

RULEID (Integer)
This field is created by ArcGIS as part of the Feature Class Representation.

POSTDATE (Date)
Identifies last date that road intersection point was changed by SanGIS editing
staff

Y_COORD (Double)
Y (Northing) coordinate of point. California State Plane, Zone 6, NAD83

Shape (Geometry)
Feature geometry shape (multipoint, polyline, or polygon)

PENDING (String)
Map creating this road not yet recorded indicator (Y=yes or N=no)

TYPE (String)
Intersection type code. Code defines why the road segment is terminated at that point

Code, Description
B, Police law beat change
C, Cul-de-sac end point
D, Fire driveability attribute change
E, End of road
I, "Normal" Intersection of 3 or more segments
J, Jurisdiction boundary change (City/Muni only)
N, Road Name Changes
P, Pseudo (Under/over crossings)
R, Under Review (Type not yet verified)
Q, Undocumented roads only (Dispatch agency use only)
T, Census Tract change
X, Multiple types of changes
Z, Fire Demand Zone change (City of San Diego use only)

POSTID (String)
Internal SanGIS ID of the last person or process to edit this intersection point

Metadata Last Update: 2021-11-01
Regional GIS Data Warehouse (RGDW) Publication Stylesheet 1.4