

San Francisco Bay Region Roadways

Identification Information:

Citation:

Citation Information:

Publication Date: 20190708

Title: San Francisco Bay Region Roadways

Geospatial Data Presentation Form: vector digital data

Online Linkage:

https://services3.arcgis.com/i2dkYWmb4wHvYPda/arcgis/rest/services/region_road/FeatureServer

Description:

Abstract: This all roads feature set contains all linear street features with "S" (Street) type Feature Class Codes in the MAF/TIGER database. These include primary roads, secondary roads, local neighborhood roads, rural roads, city streets, vehicular trails (4WD), ramps, service drives, walkways, stairways, alleys, and private roads. The Census Bureau provides these shapefiles at a county geographic extent and in linear elemental feature geometry. The feature set contains multiple overlapping road segments where a segment is associated with more than one road feature. For example, if a road segment is associated with US Route 36 and State Highway 7 and 28th Street, the route will contain three spatially coincident segments, each with a different name. The roadway feature set contains the set of unique road segments for each county, along with other linear features. Primary roads are generally divided limited-access highways within the Federal interstate highway system or under state management. Interchanges and ramps distinguish these roads, and some are toll highways. Secondary roads are main arteries, usually in the U.S. highway, state highway, or county highway system. These roads have one or more lanes of traffic in each direction, may or may not be divided, and usually have at-grade intersections with many other roads and driveways. They often have both a local name and a route number.

Purpose: Roadways for the San Francisco Bay Region. Features were extracted from statewide feature set by the Metropolitan Transportation Commission. Source data was 2018 TIGER/Line shapefiles.

Status:

Progress: Complete

Maintenance and Update Frequency: None planned

Keywords:

Theme:

Theme Keyword Thesaurus: None

Theme Keyword: transportation

Theme Keyword: united states census bureau

Theme Keyword: mtc

Theme Keyword: metropolitan transportation commission

Theme Keyword: roadway

Theme Keyword: interstate

Theme Keyword: highway

Theme Keyword: primary road

Theme Keyword: secondary road

Theme Keyword: local road

Theme Keyword: street

Theme Keyword: trail

Theme Keyword: ramp

Theme Keyword: alley

Access Constraints: None

Use Constraints: This data is intended for planning purposes only. The Metropolitan Transportation Commission (MTC) provides spatial and attribute data (also referred to as "information"; "as-is," and shall incur no responsibility or liability as to the completeness, currentness, or accuracy of this information. The MTC, and other agencies/cities/counties from which the data were sourced, assume no responsibility arising from use of this information by individuals, businesses, or other public entities. The data is provided with no warranty of any kind, expressed or implied, including but not limited to the implied warranties of merchantability and fitness for a particular purpose. Do not make any decisions based on this data before validating your decision with the appropriate city, county, or government entity.

Data Set Credit: Metropolitan Transportation Commission, 2019

Spatial Data Organization Information:

Direct Spatial Reference Method: Vector

Entity and Attribute Information:

Detailed Description:

Attribute:

Attribute Label: fipst

Attribute Definition: Current state Federal Information Processing Series code. The only value for this field is 06 (California).

Attribute:

Attribute Label: fipco

Attribute Definition: Current county Federal Information Processing Series code

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 001

Enumerated Domain Value Definition: Alameda County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 013

Enumerated Domain Value Definition: Contra Costa County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 041

Enumerated Domain Value Definition: Marin County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 055

Enumerated Domain Value Definition: Napa County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 075

Enumerated Domain Value Definition: San Francisco, City and County of

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 081

Enumerated Domain Value Definition: San Mateo County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 085

Enumerated Domain Value Definition: Santa Clara County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 095

Enumerated Domain Value Definition: Solano County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: 097

Enumerated Domain Value Definition: Sonoma County

Attribute:

Attribute Label: segmtid

Attribute Definition: Linear feature (road segment) identifier

Attribute:

Attribute Label: rdname

Attribute Definition: Concatenation of expanded text for prefix qualifier, prefix direction, prefix type, base name, suffix type, suffix direction, and suffix qualifier (as available) with a space between each expanded text field; display name.

Attribute:

Attribute Label: rdtyp

Attribute Definition: Route type code

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: C

Enumerated Domain Value Definition: County

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: I

Enumerated Domain Value Definition: Interstate

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: M

Enumerated Domain Value Definition: Common name

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: O

Enumerated Domain Value Definition: Other

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S

Enumerated Domain Value Definition: State recognized

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: U

Enumerated Domain Value Definition: United States

Attribute:

Attribute Label: rdfcc

Attribute Definition: MAF/TIGER feature class code

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1100

Enumerated Domain Value Definition: Primary Road - Primary roads are limited-access highways that connect to other roads only at interchanges and not at at-grade intersections. This category includes Interstate highways, as well as all other highways with limited access (some of which are toll roads). Limited-access highways with only one lane in each direction, as well as those that are undivided, are also included under S1100.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1200

Enumerated Domain Value Definition: Secondary Road - Secondary roads are main arteries that are not limited access, usually in the U.S. highway, state highway, or county highway systems. These roads have one or more lanes of traffic in each direction, may or may not be divided, and usually have at-grade intersections with many other roads and driveways. They often have both a local name and a route number.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1400

Enumerated Domain Value Definition: Local Neighborhood Road, Rural Road, City Street - Generally a paved non-arterial street, road, or byway that usually has a single lane of traffic in each direction. Roads in this feature class may be privately or publicly maintained. Scenic park roads would be included in this feature class, as would (depending on the region of the country) some unpaved roads.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1500

Enumerated Domain Value Definition: Vehicular Trail (4WD) - An unpaved dirt trail where a four-wheel drive vehicle is required. These vehicular trails are found almost exclusively in very rural areas. Minor, unpaved roads usable by ordinary cars and trucks belong in the S1400 category.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1630

Enumerated Domain Value Definition: Ramp - A road that allows controlled access from adjacent roads onto a limited access highway, often in the form of a cloverleaf interchange.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1640

Enumerated Domain Value Definition: Service Drive usually along a limited access highway - A road, usually paralleling a limited access highway, that provides access to structures and/or service facilities along the highway. These roads can be named and may intersect with other roads.

Attribute Domain Values:**Enumerated Domain:**

Enumerated Domain Value: S1710

Enumerated Domain Value Definition: Walkway/Pedestrian Trail - A path that is used for walking, being either too narrow for or legally restricted from vehicular traffic.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1720

Enumerated Domain Value Definition: Stairway - A pedestrian passageway from one level to another by a series of steps.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1730

Enumerated Domain Value Definition: Alley - A service road that does not generally have associated addressed structures and is usually unnamed. It is located at the rear of buildings and properties and is used for deliveries.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1740

Enumerated Domain Value Definition: Private Road for service vehicles (logging, oil fields, ranches, etc.) - A road within private property that is privately maintained for service, extractive, or other purposes. These roads are often unnamed.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1750

Enumerated Domain Value Definition: Internal United States Census Bureau use

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1780

Enumerated Domain Value Definition: Parking Lot Road - The main travel route for vehicles through a paved parking area. This may include unnamed roads through apartment/condominium/office complexes where pull-in parking spaces line the road.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1820

Enumerated Domain Value Definition: Bike Path or Trail - A path that is used for manual or small, motorized bicycles, being either too narrow for or legally restricted from vehicular traffic.

Attribute Domain Values:

Enumerated Domain:

Enumerated Domain Value: S1830

Enumerated Domain Value Definition: Bridle Path - A path that is used for horses, being either too narrow for or legally restricted from vehicular traffic.

Metadata Reference Information:

Metadata Date: 20190620

Metadata Contact:

Metadata Standard Name: FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version: FGDC-STD-001-1998

Metadata Time Convention: local time