

Guide to replacing Thomas Brothers Data

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Background

The County of Los Angeles has embarked on a project to replace the data it has historically licensed from Thomas Brothers with data that it owns and maintains internally. This will allow the County to distribute, update, and improve this data without current restrictions.

This guide is meant to help current users of Thomas Brothers data transition to the new datasets seamlessly. For each of the current Thomas Brothers layers, the key field definitions from Thomas Brothers and from the replacement datasets are provided.

Summary of replacement layers

TB Layer	Description	Current Layer	Link
TRNL	Transportation (Street)	LA County Street Centerline	Link
CSNA	County Area	LA County Boundary	Link
CTYA	City Areas	City Boundaries	Link
ZIPA	Zipcodes	ZIP Code Boundaries	Link
CENA	Census Areas	Census Tracts (2010)	Link
CLTP	Cultural Points	Points of Interest	Link
CLTL	Cultural Lines	Marina del Rey Docks	Link
CLTA	Cultural Areas	Countywide Building Outlines	Link
HYDL	Hydrology Lines	Rivers, Streams, Water Conveyance	Link
HYDA	Hydrology Areas	Lakes & Reservoirs	Link
OWNA	Ownership Boundaries	LA County Land Types	Link
PGBA	Thomas Brothers Page	Copyrighted data, eGIS will continue to license if necessary.	Not available
PBDA	Thomas Brother Grid	Copyrighted data, eGIS will continue to license if necessary.	Not available
TRSA	Township Range Section	Township Range Section, Rancho	Link

Transportation Network Layer (TRNL)

TRNL is the street centerline file from Thomas Brothers. It is being replaced by the Countywide Address Management System (CAMS) Street Centerline File, which is based upon TIGER.

Download:

<http://egis3.lacounty.gov/dataportal/2011/12/09/2011-la-county-street-centerline-street-address-file/>

CSNA (County Boundary)

The County Boundary is a simple file. It is being replaced by the Regional Planning County Boundary file which is parcel accurate.

Attributes: There are no attributes in the County Boundary file – it is a single entity that represents the entire county area.

Download:

<http://egis3.lacounty.gov/dataportal/2013/01/09/l-a-county-boundary/>

CTYA (City Boundaries)

The City Boundary file from Thomas Brothers hasn't been used for a number of years. This entry will describe the new file only.

The City Boundary file captures the boundaries of legal cities in the County of Los Angeles, and is being maintained by the County Department of Public Works.

Download:

<http://egis3.lacounty.gov/dataportal/2010/11/03/city-boundaries/>

It contains the following fields:

Field Name	Field Description	Field Values
CommType	Community Type (supports labeling)	City (for Incorporated City) Los Angeles (City of LA only) Unincorporated
NAME	Simple City or Community Name	For Unincorporated areas this field contains a simplified community name
LABEL_CITY	The name of the city – for Communities this is “Unincorporated” – used for labeling cities in conjunction with the CommType Field	We generally use different label colors for cities (black) and communities (blue). The Commtype field provides a mechanism to create label classes that support these label types.
LABEL_COMM	The name of the Community – used for labeling communities in conjunction with the Commtype field	
URL	URL of the city	

PHONE

Phone number for the city

ZIPA (Zipcode Boundaries)

The ZIPA file from Thomas Brothers has not been used for a number of years. The Zipcode file is replaced by the CAMS ZIPCODE file. This is a parcel-specific file and matches the parcels.

Download:

<http://egis3.lacounty.gov/dataportal/2011/01/24/zip-codes-with-parcel-specific-boundaries/>

The Zipcode file contains the following primary fields:

Field Name	Field Description	Field Values
Name	5-digit Zipcode	90001, 90002, etc.

CENA (Census Tracts)

The County is transitioning to the Census Tract boundary file from the US Census due to its higher spatial accuracy.

Download:

<http://egis3.lacounty.gov/dataportal/2011/07/19/census-tracts-2010/>

Field Name	Field Description	Field Values
CT2010	2010 Census Tract (6-digits)	599100, etc
LABEL	2010 Census Tract (4.2 display)	5991.00, etc.

PGBA (Thomas Brothers Page)

This is a copyrighted dataset – there is no replacement, so eGIS will continue to license this information as necessary.

PGDA (Thomas Brothers Grid)

This is a copyrighted dataset – there is no replacement, so eGIS will continue to license this information as necessary.

TRSA (Township Range Section)

This has been replaced by a dataset developed by Regional Planning and the City of El Segundo. This dataset does not appear to have land grant boundaries.

Download:

<http://egis3.lacounty.gov/dataportal/2013/11/21/township-range-section-rancho-boundaries/>

Field Name	Field Description	Field Values
FEATYPE	Denotes Township Range Section or Rancho	TRS or Rancho
Information about Township Range Sections		
SECTION	Section #	27
MERIDIAN	Meridian Name	SBB&M
TOWNSHIP	Township	08N
RANGE	Range	13W
NOTES	Notes that show changes	
Information about Land Grants/Ranchos		
LANDGRANT	Placeholder for Land Grant information	
NAME_2	Secondary Land Grant Name	
Grantee_P	The Grantee Name	
PATNETEE__	Secondary Grantee Name	
Grant_No	Grant Number	
Granted	Date Granted	
Patent_DAT	Date Patented	
Surveyor	Surveyor Name	
Survey_DAT	Survey Month and Date	
CO	County	
TYPE	Rancho (Ro) or Pueblo	
Acres_1	Number of Acres of the Grant	

OWNA (Ownership - Land Type)

The OWNA layer represents the use of land and its ownership.

This section will discuss the most important fields in the TB layer, and their replacement fields in the LAND_TYPES dataset:

The most important change from Thomas Brothers is the replacement of the field that provided the categorization of the ownership type (and was the primary symbolization field). The **SUBTYPE** field held a code that could be translated into the **SUBTYPE_AL** (subtype_alpha) field. These fields have been replaced by three fields in the Land Types dataset. These fields are: CAT1 (primary field), CAT2 (secondary field), CAT3 (tertiary field). CAT1 and CAT2 will always be filled out, while CAT3 is filled out as necessary to provide granularity of data.

Download:

<http://egis3.lacounty.gov/dataportal/2011/02/22/la-county-land-types/>

The category fields are part of the larger Location Management System dataset.

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
SUBTYPE	20	CAT1	Arts & Recreation
SUBTYPE_AL	PARK	CAT2	Regional Parks & Gardens
		CAT3	
NAME_ALF	APOLLO COUNTY PARK	Name	Apollo Park
LABEL	Apollo County Park		

To provide more detail, a correspondence table between the SUBTYPE and Land Types Categories fields is listed below.

Thomas Brothers OWNA TYPE Code List		eGIS Land Types Corresponding Categories		
SUBTYPE	SUBTYPE_AL	CAT1	CAT2	CAT3
-100	INVALID CODE			
-99	PROBLEM			
-90	NONE: POLY ONLY			
1	AIRPORT	Transportation	Airports	
2	AMUSEMENT PARK	Arts & Recreation	Amusement Parks	
3	CEMETERY	Municipal Services	Cemeteries	
4	COLLEGE/UNIVERSITY	Education	Colleges & Universities	
5	ECOLOGICAL PRESERVE/ESTUARY	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	Wilderness or Wildlife Sanctuary
6	FAIRGROUND	Arts & Recreation	Event Venues	
7	FOREST	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	
8	GOLF COURSE	Arts & Recreation	Golf Courses	
9	HISTORICAL MONUMENT	Arts & Recreation	Historical Parks	
10	HISTORICAL PARK	Arts & Recreation	Historical Parks	
11	HISTORICAL POINTS OF INTEREST	Arts & Recreation	Historical Parks	
12	INDIAN RESERVATION	Not Applicable		
13	LARGE CORPORATION	Not captured		
14	MILITARY	Government	Military Facilities	
15	MISCELLANEOUS	Not Applicable		
16	MONUMENT	Not captured yet		
17	MOVIE STUDIO	Private Industry	TV & Movie Studios	
18	OIL REFINERY	Not captured		
19	OPEN SPACE	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	Open Space
20	PARK	Arts & Recreation	Regional Parks & Gardens	
21	PARKING	Not captured		
22	PRISON	Public Safety	Jails & Prisons	
23	RECREATION AREA	Arts & Recreation	Recreation Centers	
24	SHOPPING MALL	Private Industry	Shopping Centers	
25	SKI AREA	Not captured		
26	STADIUM/ARENA	Arts & Recreation	Sports Complexes	

27	UNDERWATER PARK	Arts & Recreation	Museums & Aquariums	
28	WILDERNESS AREA	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	Wilderness or Wildlife Sanctuary
29	WILDLIFE REFUGE	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	Wilderness or Wildlife Sanctuary
30	ZOO	Arts & Recreation	Museums & Aquariums	
31	CIVIC CENTER	Government	City Halls	
32	RACETRACK	Arts & Recreation	Sports Venues	
33	CONVENTION CENTER	Arts & Recreation	Event Venues	
34	BEACH	Arts & Recreation	Beaches & Marinas	
35	HOSPITAL	Health & Mental Health	Hospitals & Medical Centers	
36	BUREAU OF LAND MANAGEMENT	Not captured		
37	CASINO	Not captured		
38	THOMAS BROS. MAPS FACILITY	Not Applicable		
39	MISCELLANEOUS (NON-INDEXING)	Not Applicable		
40	MAJOR GOVERNMENTAL BUILDINGS	Not captured		
41	WATERSHED AREA	Not Applicable		
42	SCENIC AREA (PNW)	Arts & Recreation	Natural Areas & Wildlife Sanctuaries	
9999	INVALID CODE	Not Applicable		
10000	Not In Thomas Brothers OWNA	Education	Preschools	
10000	Not In Thomas Brothers OWNA	Education	Private and Charter Schools	
10000	Not In Thomas Brothers OWNA	Education	Public Adult Schools	
10000	Not In Thomas Brothers OWNA	Education	Public Elementary Schools	
10000	Not In Thomas Brothers OWNA	Education	Public High Schools	
10000	Not In Thomas Brothers OWNA	Education	Public Middle Schools	
10000	Not In Thomas Brothers OWNA	Private Industry	Mobile Home Parks	
10000	Not In Thomas Brothers OWNA	Municipal Services	Utilities (Water & Electricity)	

CLTA (Cultural Areas – Building Outlines)

This data layer has been replaced by the building outlines dataset

Download:

<http://egis3.lacounty.gov/dataportal/2011/04/28/countywide-building-outlines/>

CLTL (Cultural Lines)

The CLTL layer generally symbolizes piers and docks, and has been replaced by the Marina del Rey Docks layer

Download:

<http://egis3.lacounty.gov/dataportal/2011/06/29/marina-del-rey-docks-2/>

CLTP (Cultural Points – Location Management Data)

The CLTP layer represents points of interest/landmarks.

This section will discuss the most important fields in the Thomas Brothers layer, and their replacement fields in the LMS_Data dataset:

Download:

<http://egis3.lacounty.gov/dataportal/2011/03/24/locationspoints-of-interest-lms-data/>

The most important changes from Thomas Brothers are the replacement of the field that provided the categorization of the ownership type (and was the primary symbolization field). The **SUBTYPE** field held a code that could be translated into the **SUBTYPE_AL** (subtype_alpha) field. These fields have been replaced by three fields in the Land Types dataset. These fields are: CAT1 (primary field), CAT2 (secondary field), CAT3 (tertiary field). CAT1 and CAT2 will always be filled out, while CAT3 is filled out as necessary to provide granularity of data.

The Location Management Data stores more information, including the “Link” field that links back to the location in the LMS system where this location is maintained.

TB Field	TB Sample	Land Type Field	Land Types Sample
GRPH	5738249	post_id	56517
NAME_ALF	LANCASTER LIBRARY	Name	County Of Los Angeles Public Library - Lancaster Library
LABEL	Lancaster Library		
		description	Library Services Are Provided For The Public In Person And By Phone.
TYPE	34	cat1	Municipal Services
TYPE_ALF	LIBRARY	cat2	Libraries
		cat3	
ADDRESS	601 W LANCASTER BLVD	addrln1	601 W. Lancaster Blvd.
		addrln2	
CITY	LANCASTER	city	Lancaster
		state	CA
		zip	93534
		hours	
PHONE	805-948-5029	phones	Service/Intake (661) 948-5029, TDD (661) 945-2503
		url	www.colapublib.org/libraries/lancaster
		email	
		info1	
		info2	
		link	http://egis3.lacounty.gov/lms/?p=56517

org_name	LA County
source	211
ext_id	1020479001
use_type	publish
dis_status	
latitude	34.69821265
longitude	-118.13953510
date_updat	11/1/2010

HYDL (Hydrology Lines - Streams)

The Thomas Brothers layer has been replaced by data from the National Hydrography Dataset.

Download:

<http://egis3.lacounty.gov/dataportal/2011/05/09/rivers-streams-water-conveyance-pipelines-aqueducts/>

Key fields:

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
TYPE_ALF	RIVER	DESCRIPTIO	Artificial Path
STRU	Perennial	HYDROGRAPHY	Perennial
NAMEA_ALF	LOS ANGELES RIVER	GNIS_Name	Los Angeles River

HYDA (Hydrology Areas – Water Bodies)

The Thomas Brothers layer has been replaced by data from the National Hydrography Dataset.

Download:

<http://egis3.lacounty.gov/dataportal/2011/05/09/rivers-streams-water-conveyance-pipelines-aqueducts/>

Key fields:

TB_Field	TB_Sample	Land_Type Field	Land_Type Sample
TYPE_ALF	RESERVOIR	DESCRIPTIO	Lake/Pond ...
STRU	STREAM GRADE	HYDROGRAPHY	Perennial
		STAGE	Spillway Elevation
NAMEA_ALF	CASTAIC LAKE	GNIS_Name	Castaic Lake

