

Denver, Colorado Sidewalk Line (2014)

Metadata

Identification Information

Citation

Citation Information

Originator

Denver Regional Council of Governments (DRCOG)

Publication Date

20160211

Title

Sidewalks 2014 - Line

Geospatial Data Presentation Form

vector digital data

Other Citation Details

These data were collected from aerial imagery flown spring 2014. Stereo compilation for planimetric Sidewalk Line data occurred between 7/8/2015 through 11/3/2015.

Description

Abstract

This metadata describes the stereocompiled paved sidewalks and paved trails centerlines feature of DRCOG Denver Region Urbanized Project Area. The feature was compiled from the Denver Regional Aerial Photography Project (DRAPP) 2014 Aerial Imagery Acquisition and Production. This 1"=100' scale imagery is comprised of 4-band RGBIR color orthoimagery with a GSD (Ground Sample Distance) of 0.5'. Imagery was collected with the Leica ADS40 and ADS80 digital sensors and processed with Leica XPro software. Imagery is projected in State Plane Coordinate System, Colorado central zone using the Lambert Conformal Conic map projection parameters. Horizontal and vertical datums are NAD83(11) and NAVD88(GEOID12A) respectively.

Purpose

Delineate paved sidewalks and paved trails with width > 5ft as centerlines. Sidewalks are paved walks for pedestrians, "Point A to Point B" use. Trails in this layer are public paved walkways intended for recreational purposes.

Supplemental Information

Capture criteria: If the sidewalk widens and the centerline shifts, create a "jig" to keep the centerline connected. The sidewalk does not stop at intersections or at parking aprons or at driveways, BUT these areas should be separate segments within the line feature and attributed differently (see attribution:Type). The main goal of this feature dataset is connectivity; it will be used for routing and modeling of pedestrian trips. When connecting "sidewalk" segments with an "other crossing" segment (see attribution: Type), only connect with there is visible access between the two sidewalk segments. Access means that a wheelchair can traverse it (so stairs do not constitute a connection). For sidewalk centerlines meeting parking apron, the portion of sidewalk centerline within the apron always breaks into a different line segment, and has a type of "other crossing" unless the sidewalk crossing the parking lot is readily visually apparent, in which case the sidewalk centerline simply continues unbroken. For sidewalk centerlines meeting driveway apron, the sidewalk continues as with the polygon sidewalks. This layer includes all public sidewalks (e.g. adjacent to a public building, schools, or roads, adjacent to commercial buildings, maintained by a public entity) and trails (e.g. in public parks, maintained by a public entity). The sidewalks layers will not include private sidewalks (i.e. serving individual residences, contained within campuses, malls or commercial complexes) EXCEPT where the sidewalk maintains connectivity with the public sidewalk network. In these instances, if the private sidewalk is too complex (i.e. multiple, indirect paths, or with many branches), a best-fit line may be drawn to maintain connectivity with the public sidewalks. Break all sidewalk and trail centerlines at line intersections.

Status

Maintenance and Update Frequency

None planned

Spatial Domain

Bounding Coordinates

West Bounding Coordinate

-105.119333

East Bounding Coordinate

-104.667113

North Bounding Coordinate

39.851788

South Bounding Coordinate

39.607065

Keywords

Theme

Theme Keyword Thesaurus

None

Theme Keyword

planimetric

Theme

Theme Keyword Thesaurus

ISO 19115 Topic Categories

Theme Keyword

transportation

Place

Place Keyword Thesaurus

None

Place Keyword

Denver

Place Keyword

Adams-County

Place Keyword

Arapahoe-County

Place Keyword

Denver-County

Place Keyword

Jefferson-County

Place Keyword

Colorado

Place Keyword

USA

Access Constraints

None

Use Constraints

This data is intended for informational purposes only. DRCOG provides this information on an "as is" basis and makes no guarantee, representation or warranty, either express or implied, that the data

will be error free. DRCOG further makes no guarantees, representations or warranties, either express or implied, as to the completeness, accuracy or correctness of the data, or as to merchantability or fitness of the data for a particular use or purpose. DRCOG is not responsible to any user for any costs, expenses, liabilities or damages arising from inconsistencies in its data or from any use of the information.

Data Set Credit

This project was funded, in part, by the FHWA and/or FTA, DRCOG, RTD, Denver Water, Arvada, Aurora, Bennett, Centennial, Commerce City, Denver, Englewood, Frederick, Glendale, Golden, Greenwood Village, Lafayette, Lone Tree, Lakewood, Louisville, Thornton, Wheat Ridge, and Northglenn.

Security Information

Security Classification System

AVAILABLE

Security Classification

Unclassified

Security Handling Description

Available to the public and accessible through Denver's Open Data Catalog, <http://data.denvergov.org/>

Native Data Set Environment

Microsoft Windows Server 2008 R2 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.5.4400

Spatial Data Organization Information

Direct Spatial Reference Method

Vector

Point and Vector Object Information

SDTS Terms Description

SDTS Point and Vector Object Type

String

Point and Vector Object Count

172433

Spatial Reference Information

Horizontal Coordinate System Definition

Geographic

Latitude Resolution

8.9831528411952133e-009

Longitude Resolution

8.9831528411952133e-009

Geographic Coordinate Units

Decimal Degrees

Geodetic Model

Horizontal Datum Name

D WGS 1984

Ellipsoid Name

WGS 1984

Semi-major Axis

6378137.0

Denominator of Flattening Ratio

298.257223563

Entity and Attribute Information

Detailed Description

Entity Type

Entity Type Label

sidewalk_line_2014

Entity Type Definition

Centerline of paved sidewalks and paved trails.

Entity Type Definition Source

DRGOG

Attribute

Attribute Label

OBJECTID

Attribute Definition

Internal feature number.

Attribute Definition Source

Esri

Attribute Domain Values

Unrepresentable Domain

Sequential unique whole numbers that are automatically generated.

Attribute

Attribute Label

SHAPE

Attribute Definition

Feature geometry.

Attribute Definition Source

Esri

Attribute Domain Values

Unrepresentable Domain

Coordinates defining the features.

Attribute

Attribute Label

Comments

Attribute Definition

Text that explains anything a user needs to know to interpret how or why the feature was delineated, if not obvious according to the capture criteria.

Attribute Definition Source

DRGOG

Attribute Domain Values

Unrepresentable Domain

See illustrations for crosswalk and best fit line features in document AppendixB_Feature Requirements_20151002.xlsx.

Attribute

Attribute Label

CreateDate

Attribute Definition

Date attribute is created.

Attribute Definition Source

DRCOG

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

mm/dd/yyyy

Enumerated Domain Value Definition

Month, day and year the feature entity is created

Enumerated Domain Value Definition Source

DRCOG

Attribute

Attribute Label

CreateUser

Attribute Definition

Kucera International, Inc.

Attribute Definition Source

DRCOG

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

Kucera International, Inc.

Enumerated Domain Value Definition

Name of vendor creating the entity feature

Enumerated Domain Value Definition Source

DRCOG

Attribute

Attribute Label

FEATURE_TYPE

Attribute Definition

The type of paved sidewalk or paved trail.The type of paved sidewalk or paved trail.

Attribute Definition Source

DRCOG

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

"Sidewalk", Crosswalk", Other crossing", Best fit line".

Enumerated Domain Value Definition

Type of path. A "sidewalk" is a paved path for pedestrians on the side of the road. A "crosswalk" is a marked part of the paved road where pedestrians have right of way to cross. An "other crossing" is a line segment that maintains connectivity within this layer but is not a sidewalk or crosswalk. The "other crossing" should be used to connect sidewalk and crosswalk features that are separated by an average city block or less (~650ft); this feature does not have to be paved; it will only be collected if there is visible and reasonable access (wheelchair accessible) or connection between the sidewalks/crosswalks to be connected.

Enumerated Domain Value Definition Source

DRCOG

Attribute

Attribute Label

SHAPE_Length

Attribute Definition

Length of feature in internal units.

Attribute Definition Source

ESRI

Attribute Domain Values

Unrepresentable Domain

Positive real numbers that are automatically generated.

Distribution Information

Distributor

Contact Information

Contact Organization Primary

Contact Organization

City and County of Denver, Technology Services / Enterprise Data Management

Contact Address

Address Type

unknown

Address

201 W Colfax Ave, Dept 301

City

Denver

State or Province

CO

Postal Code

80202

Country

USA

Hours of Service

M-F 8:00am - 4:00pm (MT)

Distribution Liability

See access and use constraints information.

Metadata Reference Information

Metadata Date

20160229

Metadata Standard Name

FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version

FGDC-STD-001-1998

Metadata Time Convention

local time