

Denver, Colorado Edge of Pavement Area (2014)

Metadata

Identification Information

Citation

Citation Information

Originator

Denver Regional Council of Governments (DRCOG)

Publication Date

20160404

Title

Edge of Pavement 2014 - Polygon

Edition

1.0

Geospatial Data Presentation Form

vector digital data

Other Citation Details

These data were collected from aerial imagery flown spring 2014. Stereo compilation for planimetric building outline data occurred between 7/8/2015 through 11/3/2015. DRCOG Denver Region Urbanized Project Area

Description

Abstract

This metadata describes the stereocompiled Edge of Pavement (EOP) polygons 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

Outline of paved and unpaved streets/roads with width \geq 9ft. Unpaved trail is not included in this layer.

Supplemental Information

Capture criteria: Outline of paved and unpaved streets/roads, and paved trails with width \geq 5ft. Unpaved trail is not included in this layer. Edge should be the flowline (lowest point in curb). A road/street/trail is defined as having consistent material from edge to edge. Includes paved and unpaved features intended for street-legal vehicle use (corridors) and paved features intended for recreational purposes (trails). Public paved trails are included but not private. Breaks should occur at intersections and where surface type or type changes (see attribution below). Median are delineated by a curb or raised surface (see blue outline in screenshot), not a paint line. Paved road polygons take precedence over sidewalk polygons, but unpaved roads do not (see green box in screenshot). Whenever it is ambiguous in identifying a path as either a public sidewalk or trail, or if has dual purpose, collect the path as trail, provided that the collection does not conflict with other capture criteria. Extraction Guidance: Digitize from aerial imagery (2D).

Status

Progress

Complete

Maintenance and Update Frequency

As needed

Spatial Domain

Bounding Coordinates

West Bounding Coordinate

-105.126076

East Bounding Coordinate

-104.595064

North Bounding Coordinate

39.917763

South Bounding Coordinate

39.552073

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

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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

Data Quality Information

Attribute Accuracy

Attribute Accuracy Report

There are no Attributes in this data set.

Logical Consistency Report

Compliance with the collection and accuracy standard was ensured by the placement of GPS ground control prior to the acquisition of aerial imagery. A softcopy aerotriangulation adjustment is performed on the aerial imagery is Leica XPro software. Accuracy of the stereo compiled features is a function of the aerotriangulation accuracy as summarized by the X, Y, Z RMSE statistics of the ground control points.

Completeness Report

Completeness is ensured in the final vector editing process by comparison to the 2014 digital orthoimages as a backdrop to the edge of pavement vector features.

Spatial Data Organization Information

Direct Spatial Reference Method

Vector

Point and Vector Object Information

SDTS Terms Description

SDTS Point and Vector Object Type

GT-polygon composed of chains

Point and Vector Object Count

6134

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
edge_of_pavement_area_2014

Entity Type Definition

Outline of paved and unpaved streets/roads with width \geq 9ft. Unpaved trail is not included in this layer

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

Type

Attribute Definition

The type of paved or unpaved feature that is delineated.

Attribute Definition Source

DRCOG

Attribute Domain Values

Enumerated Domain

Enumerated Domain Value

"Corridor" or "median".

Enumerated Domain Value Definition

Type of surface

Enumerated Domain Value Definition Source

DRCOG

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

Median is any section within a corridor that you can't drive on,. Medians can contain any ground cover (grass. Concrete, gravel, plantings, etc). Medians includes traffic islands. Islands in cul-de-sacs should be captured.

Attribute

Attribute Label

CreateUser

Attribute Definition

Vendor name

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

Surface

Attribute Definition

The surface type of the corridor

Attribute Definition Source

DRCOG

- Attribute Domain Values
 - Enumerated Domain
 - Enumerated Domain Value
 - "Paved" or "unpaved"
 - Enumerated Domain Value Definition
 - Unique ID assigned to individual roofprints
 - Enumerated Domain Value Definition Source
 - DRCOG

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

- 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.

Attribute

- Attribute Label

- SHAPE_Area

- Attribute Definition

- Area of feature in internal units squared.

- 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

Contact Address

Address Type

unknown

Address

201 W Colfax Ave, Dept 301

City

Denver

State or Province

CO

Postal Code

80202

Country

USA

Contact Electronic Mail Address

denvergis@denvergov.org

Hours of Service

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

Distribution Liability

See access and use constraints information.

Metadata Reference Information

Metadata Date

20160411

Metadata Standard Name

FGDC Content Standard for Digital Geospatial Metadata

Metadata Standard Version

FGDC-STD-001-1998

Metadata Time Convention

local time