Appendix 3 – Additional Airport Data Content Features Standards and Computer Aided Drafting and Design Compliance Specifications

Section 3-1: Additional Airport Data Content Features

Note: See Appendix 4 for a list of truncated attribute values to be used with ESRI® shapefiles.

Group: Airfield

AircraftGateStand *

Operational area of gate (parking) stand. If no gate stand area painting is available, a virtual parking stand area should be provided [Source: RTCA DO-272]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: airfield_surface_site

Attributes:

acpark_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	The name of the feature. [Source: SDSFIE Feature Table]
feat_desc (String255)	Description of the feature.
gate_stand_type_d (Enumeration)	The type of aircraft gate/stand.
pavementClassificationNumber	A number that expresses the relative load carrying capacity of a pavement in terms of a standard single wheel load. [Source: AC 50/5335-5]
wingspan (Real)	The quantity representing the maximum wingspan which can be accommodated by the airfield surface. [Source: SDSFIE Feature Table]
status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time status
feat_width (Real)	The overall width of the airfield surface. [Source: SDSFIE Feature Table]
feat_len (Real)	The overall length of the airfield surface. [Source: SDSFIE Attribute Table]

user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

AircraftNonMovementArea

An area where aircraft cannot be seen by a control tower and therefore are restricted to move.

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *none*

Attributes:

aircraftnonmovementarea_id	Primary Key. A globally unique identifier assigned to the instance of a feature type.
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

AirfieldLight *

Any lighting located within or near an airport boundary the provides guidance for airborne and ground maneuvering of aircraft [Source: AIM, AC 150/5340-24]Point

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: airfield_light_point

Attributes:

light_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
lightingType_d (Enumeration)	A description of the lighting system. Lighting system classifications are Approach; Airport; Runway; Taxiway; and Obstruction
color_d (Enumeration16)	The color of the airfield light. [Source: SDSFIE Feature Table]
luminesc (String12)	The luminescence of the airfield light. [Source: SDSFIE Feature Table]
pilotControlFrequency * (Real)	The radio frequency used by pilots to control various airport lighting systems
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

AirfieldLinearFeatureSafetyLine *

Location of the arresting gear cable across the runway [Source: RTCA DO-272]

Geometry Type: Line

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *airfield_linear_safety_feature_line*

Attributes:

safety_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
fac_typ_d (String16)	The type of facility or feature related to airfield operations. [Source: SDSFIE Attribute Table]
status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time

	status
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

AirOperationsArea *

A portion of an airport, specified in the airport security program, in which security measures are carried out. This area includes aircraft movement areas, aircraft parking areas, loading ramps, and safety areas and any adjacent areas (such as general aviation areas) that are not separated by adequate security systems, measures, or procedures. [Source: 49 CFR Part 1542, Airport Security]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Unclassified

SDSFIE Entity *none*

Attributes:

airoperationsarea_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

FrequencyArea *

Area specifying the designated part of the surface movement area where a specific frequency is required by ATC or ground control [Source: RTCA DO-272]

Geometry Type: Polygon

Accuracy: Unspecified

Sensitivity: Unclassified

SDSFIE Entity: communications_groundwave_polygon_area

Attributes:

gwv_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	Any commonly used name for the feature. [Source: SDSFIE Feature Table]
feat_desc (String60)	A description of the feature. [Source: SDSFIE Feature Table]
frequency (Real)	Primary frequency used on frequency area (in MHZ). [Source: RTCA DO-272]
station (String30)	Service or Station assigned to primary frequency (e.g., ATC Tower, Ground Control) [Source: RTCA DO-272]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

HelipadFATO *

A defined area over which the final phase of the approach to a hover, or a landing, is completed and from which the takeoff is initiated. This area was called the "takeoff and landing area" in previous publications [Source: AC
150/5390-2B]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Unclassified

SDSFIE Entity: none

Attributes:

helipadfato_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data

	integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

HelipadThreshold *

Based on the predominant wind direction, the helipad threshold position is congruent with the approach/takeoff paths [Source: RTCA DO-272]

Geometry Type: Point

Accuracy: +/-5Ft.

Sensitivity: Unclassified

SDSFIE Entity *none*

Attributes:

helipadthreshold_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
thresholdDesc (String254)	A descriptive of the helipad and direction. See SF21 3.3.3.4.54
latitude (Real)	Latitude in decimal degrees with negative numbers used for Western hemisphere
longitude (Real)	Longitude in decimal degrees with negative numbers used for Western Hemisphere
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record (s)

PassengerLoadingBridge *

A bridge for loading/unloading access to airplanes for passengers and crew.

Geometry Type: Polygon

Accuracy: Unspecified

Sensitivity: Restricted

SDSFIE Entity *none*

Attributes:

passengerloadingbridge_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name, code or identifier used to identify the loading bridge.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

PavementSection *

A section of paved surface used for pavement condition assessment.

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

taxiwayintersection_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.

user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwayArrestingArea *

Any FAA-approved high energy absorbing material of a specific strength that will reliably and predictably bring and aircraft to a stop without imposing loads that exceed the aircraft's design limits, cause major structural damage, or impose excessive forces on its occupants. Currently, the only FAA approved material is EMAS - Engineered Material Arresting System. [Source: AC 150/5220-22]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: airfield_linear_saftey_feature_line

Attributes:

safety_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
surfaceMaterial_d (Enumeration)	A code indicating the composition of the related surface [Source: NFDC]
feat_len (Real)	The overall length of the feature. [Source: SDSFIE Feature Table]
feat_width (Real)	The overall width of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwayCenterline *

Continuous line along the painted centerline of a runway connecting the middle-points of the two outermost thresholds. Centerline is composed of many centerline points (see RunwayControlPoint). It is used to calculate grade and line-of-sight criteria. [Source: AC 150/5300-13]

Geometry Type: Line

Accuracy: +/-2Ft.

Sensitivity: Restricted

SDSFIE Entity *airfield_surface_centerline*

Attributes:

runwaycenterline_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
rwy_desg (String7)	Designator of the runway based on the magnetic bearing and position in relation to parallel runways (e.g. 33R/15L) [Source: AC 150/5340-1]
isDerived (Boolean)	Indicates whether the centerline is derived or photodetermined.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwayHelipadDesignSurface *

A three-dimensional surface that is used in runway design [Source: AC 150/5300-13]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *airfield_imaginary_surface_area*

Attributes:

spc_zon_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
zone_name (String30)	Table]
feat_desc (String255)	Description of the feature.
designSurfaceType_d (Enumeration)	A description of the design surface
safety_reg (String20)	An identifier for the safety regulations in effect within the zone. [Source: SDSFIE Feature Table]
zone_use (String50)	A description of the use of the zone. [Source: SDSFIE Feature Table]
determination (String255)	A formal declaration of the runway safety area condition with respect to standards and any requirement improvements [Source: FAA Order 5200.8]

determinationDate (Date)	The date the RSA determination was approved [Source: FAA Order 5200.8]
zone_inner_width * (Real)	The width of the narrow end of a trapezoidal shaped DesignSurface feature. This is normally the end that is closest to the landing surface [Source: AC 150/5300-13]
zone_outer_width (Real)	The width of the wide end of a trapezoidal shaped DesignSurface feature. This is normally the end that is furthest from the landing surface.
zone_length (Real)	The length of a trapezoidal shaped DesignSurface feature.
grad_lo_hi (Real)	The low to high gradient within the airspace. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwayIntersection *

The area of intersection between two or more runways [Source: RTCA DO-272]

Geometry Type: Polygon

Accuracy: +/-2Ft.

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

runwayintersection_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.

rnw1_desgn (String7)	Designator of the 1st intersecting runway based on the magnetic bearing and position in relation to parallel runways (e.g. 33R/15L) [Source: SDSFIE Attribute Table]
rnw2_desgn (String7)	Designator of the 2nd intersecting runway based on the magnetic bearing and position in relation to parallel runways (e.g. 33R/15L) [Source: SDSFIE Attribute Table]
rnw3_desgn (String7)	Designator of the 3rd intersecting runway based on the magnetic bearing and position in relation to parallel runways (e.g. 33R/15L) [Source: SDSFIE Attribute Table]
pavementClassificationNumber	A number which expresses the relative load carrying capacity of a pavement in terms of a standard single wheel load. [Source: AC 150/5335-5]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwayLAHSO *

Markings installed on a runway where an aircraft is to stop when the runway is normally used as a taxiway or used for Land and Hold Short Operations (LAHSO) as identified in a letter of agreement with the Air Traffic Control Tower (ATCT). A runway should be considered as normally used for taxiing if there is no parallel taxiway and no ATCT. Otherwise, seek input from ATCT [Source: Order 7110.118]

Geometry Type: Line

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

runwaylahso_id	Primary Key. A globally unique identifier assigned to the

(Number*)	instance of a feature type.
protected_rnw_desgn (String7)	Unique runway identifier for the airport of the runway, if any, being protected by the LAHSO (when the LAHSO precedes a runway intersection).
markingFeatureType_d	The type of the marking
color_d (Enumeration)	The color of the marking
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RunwaySegment *

A section of the runway surface. The runway surface can be defined by a set of non-overlapping RunwaySegment polygons. RunwaySegments may overlap Runway and RunwayIntersection features. Use RunwaySegment to model the physical runway pavement in terms of surface, material, strength and condition. [Source: AC 150/5335-5, AC 150/5320-12, AC 150/5320-17, AC 150/5320-6]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

runwaysegment_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time status
surfaceType_d (Enumeration)	A classification of airfield pavement surfaces for Airport Obstruction Charts [Source: NGS]

pavementClassificationNumber	A number which expresses the relative load carrying capacity of a pavement in terms of a standard single wheel load. [Source: AC 150/5335-5]
surfaceCondition_d (Enumeration)	A description of the serviceability of the pavement [Source: NFDC]
surfaceMaterial_d (Enumeration)	A code indicating the composition of the related surface [Source: NFDC]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Shoulder *

An area adjacent to the edge of paved runways, taxiways, or aprons providing a transition between the pavement and the adjacent surface; support for aircraft running off the pavement; enhance drainage; and blast protection [Source: AC 150/5300-13]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *airfield_surface_site*

Attributes:

air_sur_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
shl_type_d (String20)	Code for whether this is a runway shoulder or taxiway shoulder [Source: SDSFIE Attribute Table]
surfaceMaterial_d (Enumeration)	A code indicating the composition of the related surface [Source: NFDC]
feat_width (Real)	The overall width of the airfield surface. [Source: SDSFIE Feature Table]
feat_len (Real)	The overall length of the airfield surface. [Source: SDSFIE Attribute Table]

status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time status
restricted (Boolean)	An indicator as to whether access to the feature is restricted.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

TaxiwayHoldingPosition

A designated position at which taxiing aircraft and vehicles will stop and hold position, unless otherwise authorized by the aerodrome control tower [Source: RTCA DO-272]

Geometry Type: Line

Accuracy: +/-2Ft.

Sensitivity: Restricted

SDSFIE Entity *none*

Attributes:

taxiwayholdingposition_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
rnw_desgn (String7)	The designator for the approaching runway [Source: SDSFIE Attribute Table]
taxi_desgn (String4)	The designator for the taxiway [Source: SDSFIE Attribute Table]
low_visibility_cat_d (Enumeration)	The low visibility category
status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time status
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.

meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

TaxiwayIntersection *

A junction of two or more taxiways [Source: ICAO Annex 14 (Aerodromes), Chapter 1, page 5]

Geometry Type: Point

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

pavementsection_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
name (String40)	Name of the feature.
pavement_condition_index (Integer)	Pavement Classification Number Code [Source: SDSFIE Feature Table]
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Cadastral

County

Boundary line of the land and water under the right, power, or authority of the county government. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: political_jurisdiction_county_line

Attributes:

juris_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
polit_name (String30)	The common name associated with the property area. [Source: SDSFIE Feature Table]
feat_desc (String254)	The description of the area. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

EasementsAndRightofWays

A parcel of land for which formal or informal deed easement rights exist [Source: SDSFIE (modified)]

Geometry Type: Polygon

Accuracy:

Sensitivity: Confidential

SDSFIE Entity: easement_right_of_way_area

Attributes:

easementsandrightofways_id	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String60)	A brief description of the feature. [Source: SDSFIE Feature Table]

status_d (String16)	The status of the parcel. (Active, inactive, terminated) [Source: SDSFIE Feature Table]
purpose (String30)	Project purpose for which the easement was acquired. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

FAARegionArea

This feature depicts the FAA regions. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity: faa_region_area

Attributes:

region_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
reg_name (String60)	Name of the FAA region. [Source: SDSFIE Feature Table]
reg_desc (String60)	Description of the FAA region [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

LandUse *

A description of the human use of land and water [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Confidential

SDSFIE Entity *land_use_area*

Attributes:

landuse_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
use_name (String30)	Name of the land use area. [Source: SDSFIE Feature Table]
use_desc (String60)	Description of the land use area. [Source: SDSFIE Feature Table]
use_typ_d (Enumeration)	The way in which the land is being used. High level (i.e. n000) or detailed (i.e. nnnn) can be used. [Source: SDSFIE]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

LeaseZone

A parcel of land leased by an individual, agency, or organization for their use. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity *lease_zone_area*

Attributes:

leasezone_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String60)	A brief description of the feature. [Source: SDSFIE Feature Table]
ten_name (String75)	The current name of the tenant occupying the leased parcel [Source: SDSFIE Attribute Table]
status_d (String16)	The status of the parcel. (Active, inactive, terminated) [Source: SDSFIE Feature Table]
permit_use (String20)	Permitted use of the leased parcel [Source: SDSFIE Attribute Table]
lsd_area (Real)	Area accounted for in the lease for a parcel [Source: SDSFIE Attribute Table]
act_area (Real)	Actual measured area of the leased parcel [Source: SDSFIE Attribute Table]
date_lsexp (Date)	The date the lease is expected to expire. Format for date is YYYYMMDD (i.e. September 15, 1994 = 19940915). [Source: SDSFIE Feature Table]
legl_desc (String240)	The complete legal description of the property as it appears in the deed. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Municipality *

Boundary line of the land and water under the right, power, or authority of the municipal government. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *political_jurisdiction_municipal_line*

Attributes:

juris_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
polit_name (String30)	The common name associated with the property area. [Source: SDSFIE Feature Table]
feat_desc (String254)	The description of the area. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

Parcel

A single cadastral unit, which is the spatial extent of the past, present, and future rights and interests in real property and the geographic framework to support the description of the spatial extent. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-1Ft.

Sensitivity: Restricted

SDSFIE Entity: parcel_area

Attributes:

parcel_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
parc_num (String12)	Any locally used number to identify the parcel. [Source: SDSFIE Feature Table]
parc_use_d (String16)	The current primary use of the parcel. [Source: SDSFIE Feature Table]
status_d (String16)	The status of the parcel. (Active, inactive, terminated) [Source: SDSFIE Feature Table]
legl_desc (String240)	The complete legal description of the property as it appears in the deed. [Source: SDSFIE Feature Table]
date_acqrd (Date)	The date the parcel was acquired by the current owner. Format for date is YYYYMMDD (i.e. September 15, 1994 = 19940915). [Source: SDSFIE Feature Table]

area_size (Real)	The size of the area, zone, or polygon in square units. [Source: SDSFIE Feature Table]
assd_value (Real)	The most recent assessed value of the parcel. [Source: SDSFIE Feature Table]
deed_ref (String30)	Reference to where the deed to the parcel is recorded in such information as Plat Book and Page. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

State

Boundary line of the land and water under the right, power, or authority of the state government. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *political_jurisdiction_state_line*

Attributes:

juris_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
polit_name (String30)	The common name associated with the property area. [Source: SDSFIE Feature Table]
feat_desc (String254)	The description of the area. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.

meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Zoning *

A parcel of land zoned specifically for real estate and land management purposes; more specifically for commercial, residential, or industrial use. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: zoning_area

Attributes:

zoning_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String60)	A brief description of the feature. [Source: SDSFIE Feature Tale]
zng_cls_d (Enumeration16)	The zoning classification of the parcel. [Source: SDSFIE Feature Table]
restrict_d (String16)	Codes determining the land owner restriction for the parcel. [Source: SDSFIE Feature Table]
status_d (String16)	The status of the parcel. (Active, inactive, terminated) [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Environmental

EnvironmentalContaminationArea

A facility or other locational entity (as designated by the Environmental Protection Agency) that is regulated or monitored because of environmental concerns. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: environmental_regulated_facility_site

Attributes:

sitaoc_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
site_name (String50)	The name of a specific facility. [Source: SDSFIE Feature Table]
ehazcat_d (String16)	Indicates the broad category or type of the most prevalent or serious environmental hazard present at the site. [Source: SDSFIE Feature Table]
rel_typ_d (String16)	A descriptor for the type of pollutant release experienced. [Source: SDSFIE Feature Table]
severity_d (String16)	A descriptor for the severity of the pollution. [Source: SDSFIE Feature Table]
rem_urg_d (String16)	A code indicating the urgency for accomplishing a site remediation project. [Source: SDSFIE Feature Table]
tox_stt_d (String16)	A descriptor for the toxic status of the pollution. [Source: SDSFIE Feature Table]
pstatus_d (String16)	The code indicating whether the facility status is Active or Inactive. [Source: SDSFIE Feature Table]
date_found (Date)	The date the pollution was discovered. Format for date is YYYYMMDD (i.e. September 15, 1994 = 19940915) [Source: SDSFIE Feature Table]
cause_d (String16)	A code indicating the cause of the pollution. [Source: SDSFIE Feature Table]
pol_src_d (String16)	The actual or suspected source of the pollutant. [Source: SDSFIE Table]
src_desc (String60)	A description of the source of the pollution. [Source: SDSFIE Feature Table]

user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

FaunaHazardArea

An area where there are hazards due to wildlife activities. This includes bird aircraft strike hazard (BASH) areas, and deer strike areas. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *fauna_hazard_area*

Attributes:

hazard_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
haz_typ_d (Enumeration16)	A descriptor of the type of the hazard. [Source: SDSFIE Feature Table]
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

FloodZone *

Areas subject to 100-year, 500-year and minimal flooding [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity: flood_zone_area

Attributes:

fld_zon_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature Type
zone_type_d (Enumeration)	The zoning classification of the area
feat_desc (String254)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

FloraSpeciesSite *

The specific location where an individual flora species or an aggregate of flora species has been identified

Geometry Type: Point

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity: flora_species_site

Attributes:

species_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
plnt_typ_d (String16)	A descriptor of the type of flora. [Source: SDSFIE Feature Table]
plant_ht (Real)	The average height of the flora species. [Source: SDSFIE Feature Table]

hab_stt (String1)	Defines if the habitat has been designated as a critical habitat under (C) the Endangered species Act or has not been so designated (N). [Source: SDSFIE Feature Table]
feat_desc (String60)	Any brief description of the feature. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

ForestStandArea *

A forest flora community with similar characteristics. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Confidential

SDSFIE Entity: flora_species_management_area

Attributes:

flmspc_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
habcat_d (String16)	Discriminator - The designation or type of the special wildlife habitat. [Source: SDSFIE Feature Table]
feat_desc (String60)	A description of the flora species. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

HazMatStorageSite

A defined or bounded geographical area designated and used for the storage of contained hazardous materials. [Source: SDSFIE]

Geometry Type: Point

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity: contained_hazwaste_storage_site

Attributes:

hwarea_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
hsb_cat_d (String16)	The general type or category of contained hazardous material stored. [Source: SDSFIE Feature Table]
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

NoiseIncident *

A formal complaint by an individual or group regarding excessive noise resulting from airport operations.

Geometry Type: Point

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: noise_incident_point

Attributes:

inc_sit_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
reporter (String50)	The name of the individual or organization reporting the incident. [Source: SDSFIE Feature Table]
incid_desc (String60)	A general description of the complete incident, including any reference material. [Source: SDSFIE Feature Table]
latitude (Real)	Latitude in decimal degrees with negative numbers used for Western Hemisphere
longitude (Real)	Longitude in decimal degrees with negative numbers used for Western Hemisphere
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

NoiseMonitoringPoint *

The location of noise sensing equipment or where a noise sample is taken. [Source: SDSFIE]

Geometry Type: Point

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: noise_monitoring_point

Attributes:

noisemonitoringpoint_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
status_d (Enumeration)	A temporal description of the operational status of the feature. This attribute is used to describe real-time status
latitude (Real)	Latitude in decimal degrees with negative numbers

	used for Western Hemisphere
longitude (Real)	Longitude in decimal degrees with negative numbers used for Western Hemisphere
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SampleCollectionPoint

The physical location at which one or more environmental hazards field samples are collected. [Source: SDSFIE]

Geometry Type: Point

Accuracy:

Sensitivity: Confidential

SDSFIE Entity *field_sample_collection_location_point*

Attributes:

sam_pt_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
ltccode_d (String16)	Code describing the type of location that is undergoing sampling (e.g., bh= borehole, wl=well). IRPIMS. [Source: SDSFIE Feature Table]
locdesc (String240)	Descriptor providing any additional information to describe the sampling location in text format (e.g., monitoring well located 10 feet northeast of building 624 within spill area). IRPIMS. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Shoreline *

The boundary where land meets the edge of a large body of fresh or salt water. The shoreline is the mean high water line between high and low tide [Source: SDSFIE]

Geometry Type: Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *shoreline*

Attributes:

indfshl_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
shore_name (String30)	A commonly used name for the shoreline. [Source: SDSFIE Feature Table]
shr_typ_d (String16)	Discriminator - A value indicating the type or kind of shoreline [Source: SDSFIE Feature Table]
shore_desc (String60)	A local description for the shoreline. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Wetland *

Transitional lands between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. The soils are predominantly saturated with water and the plants and animals that live there are specialized for this ecosystem [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: wetland_area

Attributes:

wetland_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
wetln_name (String30)	Any commonly used name for the wetland. [Source: SDSFIE Feature Table]
wetln_desc (String60)	A description of the wetland. [Source: SDSFIE Feature Table]
feat_typ_d (String16)	A descriptor of how the wetland is depicted graphically. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Geotechnical

CoordinateGridArea

A regular pattern of horizontal and vertical lines used to represent regular coordinate intervals along the x and y axis. This grid line can be used to generate an arbitrary grid system which is common on locator maps. [Source: SDSFIE]

Geometry Type: Line

Accuracy: +/-1Ft.

Sensitivity: Restricted

SDSFIE Entity *coordinate_grid_area*

Attributes:

cmgrd_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	The name, code or identifier used to refer to an individual grid cell.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

ElevationContour

Connecting points on the surface of the earth of equal vertical elevation representing some fixed elevation interval. [Source: SDSFIE]

Geometry Type: Line

Accuracy: +/-1Ft.

Sensitivity: Restricted

SDSFIE Entity: elevation_contour_line

Attributes:

contour_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
elevation (Real)	The elevation of the contour line. [Source: SDSFIE Feature Table]
feat_len (Real)	The overall length of the feature. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

ImageArea

The image foot print or coverage area. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Confidential

SDSFIE Entity: image_area

Attributes:

gdimage_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
frame_no (String20)	Frame number of the image. [Source: SDSFIE Feature Table]
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Feature Table]
photo_date (Date)	Date the aerial photography was flown. Format for date is YYYYMMDD (i.e. September 15, 1994 = 19940915) [Source: SDSFIE Feature Table]

user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Manmade Structures

Fence *

Any fencing (chain-link, razor wire, PVC, etc. [Source: FAA]

Geometry Type: Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *fence_line*

Attributes:

fence_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
fenc_typ_d (String16)	A code indicating the fencing material used. [Source: SDSFIE Feature Table]
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Feature Table]
fence_ht (Real)	The overall distance from the surface of the ground to the top of the fence. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Gate *

The aircraft stand location defines the outermost location to where a parking stand area can accommodate a specific aircraft type [Source: RTCA DO-272]

Geometry Type:Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: gate_line

Attributes:

gate_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name, code or identifier used to identify the gate.
gate_typ_d (String16)	The gate material and method of construction. [Source: SDSFIE Feature Table]
gate_len (Real)	The overall distance from one end of the gate to the other. [Source: SDSFIE Feature Table]
gate_ht (Real)	The overall distance from the surface of the ground to the top of the gate. [Source: SDSFIE Feature Table]
attended_d (Boolean)	A Boolean indicating whether the gate is tended by a guard or other individual. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Tower *

An existing structure that was created, by man, to facilitate an activity at an elevated level above the ground.

Geometry Type: Point

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *tower_site*

Attributes:

tower_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.

lightCode (Boolean)	A code indicating that the obstacle is lighted [Source: AIXM]
lightingType_d (Enumeration)	A description of the lighting system. Lighting system classifications are Approach; Airport; Runway; Taxiway; and Obstruction
color_d (Enumeration)	The color of the marking(s)
markingFeatureType_d	The type of the marking(s)
verticalStructureMaterial_d	Classifies the predominant material of the vertical object
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Navigational Aids

NAVAIDCriticalArea *

A zone encompassing a specific ground area in the vicinity of a radiating antenna array which must be protected from parking and unlimited movement of surface and air traffic [Source: FAA Order 6750.16C]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *airfield_buffer_zone_area*

Attributes:

afl_buf_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
buffr_dist (Real)	The linear distance of the limit of the buffer for the airfield. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

NAVAIDSite *

The parcel, lease, or right-of-way boundary for a NAVAID facility that is located off airport property.

Geometry Type: Polygon

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity *airfield_facility_surface_site*

Attributes:

navaidsite_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type.
faaLocID (Char4)	The location identifier assigned to the feature by FAA.
fac_typ_d (String16)	The type of facility or feature related to airfield operations. [Source: SDSFIE Feature Table]
facil_desc (String60)	A brief description of the facility and any special characteristics. [Source: SDSFIE Feature Table]
PropertyCustodian (String50)	The regional property management office responsible for ownership of the site
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

NAVAIDSystem *

A reference point to a grouping of NAVAIDS that together perform a common function.

Geometry Type: Point

Accuracy: +/-5Ft.

Sensitivity: Unclassified

SDSFIE Entity *none*

Attributes:

navaidsystem_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
faaLocID (Char4)	The location identifier assigned to the feature by FAA.
navaidSysTypeCode_d	The type of NAVAID system
latitude (Real)	Latitude in decimal degrees with negative numbers used for Western Hemisphere
longitude (Real)	Longitude in decimal degrees with negative numbers used for Western Hemisphere
feat_len (Real)	The overall length of the airfield surface. [Source:

	SDSFIE Attribute Table]
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Other

OtherLine

Other polygon features not elsewhere classified

Geometry Type: Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

otherline_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
featureType (String40)	The type of feature
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

OtherPoint

Other line features not elsewhere classified

Geometry Type: Point

Accuracy: Varies

Sensitivity: Restricted

SDSFIE Entity *none*

Attributes:

otherpoint_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
featureType (String40)	The type of feature
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

OtherPolygon

Other polygon features not elsewhere classified

Geometry Type: Polygon

Accuracy: Varies

Sensitivity: Restricted

SDSFIE Entity *none*

Attributes:

otherpolygon_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
featureType (String40)	The type of feature
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: SeaPlane

FloatingDockSite *

A floating facility which can serve as a mooring place for vessels or as a floating dry dock. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Unclassified

SDSFIE Entity: floating_dock_site

Attributes:

floatingdocksite_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

NavigationBuoy *

A floating marker which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purpose. [Source: SDSFIE]

Geometry Type: Point

Accuracy: +/-5Ft.

Sensitivity: Unclassified

SDSFIE Entity: marine_navigation_buoy_point

Attributes:

buoy_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
buoy_num (String20)	The official number of the buoy. [Source: SDSFIE Feature Table]
feat_name (String120)	Any commonly used name associated with the buoy. [Source: SDSFIE Feature Table]
narrative (String240)	A description or other unique information concerning the buoy limited to 240 characters. [Source: SDSFIE Feature Table]
buoy_typ_d (String16)	Discriminator - The type of the buoy. [Source: SDSFIE Feature Table]
color_d (Enumeration16)	The color of the buoy. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SeaplaneLandingArea *

An area specifically designated for take-offs and landings of sea planes. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: sea_plane_landing_area

Attributes:

sealand_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	Any commonly used name associated with the sea plane landing area. [Source: SDSFIE Feature Table]
feat_desc (String255)	Description of the feature.
restrictn (String240)	Any restrictions or cautions associated with the sea plane landing area. [Source: SDSFIE Feature Table]

user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SeaplaneRampCenterline *

The centerline of ramps specifically designed to transit seaplanes from land to water and vice versa. [Source: SDSFIE]

Geometry Type: Line

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity *sea_plane_ramp_centerline*

Attributes:

seaplnr_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SeaplaneRampSite *

Ramps specifically designed to transit seaplanes from land to water and vice versa. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: sea_plane_ramp_site

Attributes:

seaplnr_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Security

SecurityArea *

An area of the airport in which security measures required by 49CFR1542.201 must be carried out [Source: 49CFR1542]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Secret

SDSFIE Entity: none

Attributes:

securityarea_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SecurityIdentificationDisplayArea *

Portions of an airport, specified in the airport security program, in which security measures required by regulation must be, carried out. This area includes the security area and may include other areas of the airport. [Source: DHS]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Secret

SDSFIE Entity: none

Attributes:

sida_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SecurityPerimeterLine *

Any type of perimeter, such as barbed wire, high fences, motion detectors and armed guards at gates, that ensure no unauthorized visitors can gain entry. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Confidential

SDSFIE Entity: security_perimiter_line

Attributes:

secper_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Attribute Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

SterileArea *

Portions of an airport defined in the airport security program that provide passengers access to boarding aircraft and to which the access is generally controlled by TSA, an aircraft operator, or

a foreign air carrier. [Source: DHS]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Secret

SDSFIE Entity *none*

Attributes:

sterilearea_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
name (String40)	Name of the feature.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Surface Transportation

Bridge *

A structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted
SDSFIE Entity: road_bridge_area

Attributes:

bridge_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	Any commonly used name for the bridge. [Source: SDSFIE Feature Table]
narrative (String240)	This attribute field is used to identify the datum from which the vertical clearance information is referenced and to calculate actual vertical clearance. [Source: SDSFIE Feature Table]
brdg_typ_d (String16)	The fundamental structure type of the bridge. [Source: SDSFIE Feature Table]
vert_clr (Real)	The clearance in feet between the lowest point under the bridge opening and the water's surface at Mean High Water (MHW). [Source: SDSFIE Feature Table]
brdg_ht (Real)	The clearance of the bridge structure; i.e. the height beneath the structure of the bridge. [Source: SDSFIE Feature Table]
brdg_len (Real)	The total length of the span of the bridge. [Source: SDSFIE Feature Table]
lightingType_d (Enumeration)	A description of the lighting system. Lighting system classifications are Approach; Airport; Runway; Taxiway; and Obstruction
markingFeatureType_d	The type of the marking(s)
color_d (Enumeration)	The color of the marking(s)
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s)

DrivewayArea

An access to a residence or other vehicle parking lot or storage area. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: driveway_area

Attributes:

drvway_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
surf_mat_d (String16)	The material used as a surface for the driveway. [Source: SDSFIE Feature Table]
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

DrivewayCenterline

The center of the driveway as measured from the edge of the paved surface. The segments of a driveway centerline will coincide with the road segments in order to provide network connectivity. [Source: SDSFIE]

Geometry Type: Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity: none

Attributes:

drivewaycenterline_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

ParkingLot

An area of an airport used for parking of automobiles, buses, etc. [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: vehicle_parking_area
Attributes:

parking_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	Any commonly used name for the parking area. [Source: SDSFIE Feature Table]
feat_desc (String60)	A description of the parking lot. [Source: SDSFIE Feature Table]
park_use_d (String16)	The primary use of the parking area. [Source: SDSFIE Feature Table]
srf_typ_d (String16)	Type of different materials used to construct the surface. [Source: SDSFIE Feature Table]
tot_spaces (Integer0)	The total parking spaces available in the area including handicapped or reserved spaces. [Source: SDSFIE Feature Table]
num_hndcp (Real)	The total number of spaces marked as being handicapped parking. [Source: SDSFIE Feature Table]
owner (String75)	The owner of the parking lot
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does

	not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RailroadCenterline *

Represents the centerline of each pair of rails [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Geometry Type: Line

Accuracy: +/-5Ft.

Sensitivity: Confidential

SDSFIE Entity: railroad_centerline

Attributes:

railrd_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String30)	Any commonly used name for the railroad [Source: SDSFIE Feature Table]
remarks (String240)	Any narrative remarks concerning the railroad. [Source: SDSFIE Feature Table]
use_d (String16)	The current status as to whether the railroad segment is being used. [Source: SDSFIE Feature Table]
numTracks (Integer)	The number of tracks present
owner (String75)	The owner of the rail track
bridge_d (Boolean)	Indicates given road segment is bridge (Y- a is bridge, N- is not a bridge). [Source: SDSFIE Feature Table]
tunnel_d (Boolean)	Indicates given road segment is tunnel (Y- is a tunnel, N- is not a tunnel). [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RailroadYard *

Represents a railroad yard [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: railroad_yard_area

Attributes:

rryard_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
yard_name (String60)	A name that represent the railroad yard. [Source: SDSFIE Feature Table]
feat_desc (String60)	Any brief description of the feature. [Source: SDSFIE Feature Table]
owner (String75)	The owner of the rail yard
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RoadCenterline *

The center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics. [Source: SDSFIE]

Geometry Type: Line

Accuracy: +/-5Ft.

Sensitivity: Confidential

SDSFIE Entity: road_centerline

Attributes:

cline_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
feat_name (String40)	Any commonly used name for the road centerline. [Source: SDSFIE Feature Table]
alt_name (String35)	The alternate name or second name for the road. [Source: SDSFIE Feature Table]
rou1_name (String30)	The route number or other identifier that is affiliated with the first route type [Source: SDSFIE Feature Table]
rou1_typ_d (String16)	The first route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
rou2_name (String30)	The route number or other identifier that is affiliated with the second route type [Source: SDSFIE Feature Table]
rou2_typ_d (String16)	The second route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
rou3_name (String30)	The number or other identifier that is affiliated with the third route type [Source: SDSFIE Feature Table]
rou3_typ_d (String16)	The third route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
use_typ_d (String16)	The current usage status of the road [Source: SDSFIE Feature Table]
feat_len (Real)	The overall length of the road centerline. [Source: SDSFIE Feature Table]
num_lanes (Real)	The number of normal traffic lanes throughout the length of the centerline. [Source: SDSFIE Feature Table]
bridge_d (Boolean)	Indicates given road segment is bridge (“Y”- a is bridge, “N”-is not a bridge). [Source: SDSFIE Feature Table]
tunnel_d (Boolean)	Indicates given road segment is tunnel (“Y”- is a tunnel, “N”-is not a tunnel). [Source: SDSFIE Feature Table]
feat_desc (String254)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RoadPoint *

A point along the roadway system which has some special significance either for starting or ending a road segment or for representing a significant position along the roadway system such as the start or center of a bridge or the center of an intersection [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Geometry Type: Point

Accuracy:

Sensitivity: Confidential

SDSFIE Entity: none

Attributes:

roadpoint_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

RoadSegment *

Represents a linear section of the physical road system designed for, or the result of, human or vehicular movement; must be continuous (no gaps) and cannot branch; no mandates are provided on how to segment the road system except that data providers adopt a consistent method [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Confidential

SDSFIE Entity: road_site

Attributes:

rd_seg_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type

road_name (String30)	A common name or street name used to refer to the stretch of road. [Source: SDSFIE Feature Table]
alt_name (String30)	The alternate name or second name for the road. [Source: SDSFIE Feature Table]
srf_typ_d (String16)	Type of material used to construct the surface. [Source: SDSFIE Feature Table]
rou1_name (String30)	The route number or other identifier that is affiliated with the first route type [Source: SDSFIE Feature Table]
rou1_typ_d (String16)	The first route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
rou2_name (String30)	The route number or other identifier that is affiliated with the second route type [Source: SDSFIE Feature Table]
rou2_typ_d (String16)	The second route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
rou3_name (String30)	The number or other identifier that is affiliated with the third route type [Source: SDSFIE Feature Table]
rou3_typ_d (String16)	The third route type for the road (Interstate, US, State, etc.) [Source: SDSFIE Feature Table]
seg_len (Real)	The length of the road segment measured at the centerline. [Source: SDSFIE Feature Table]
seg_width (Real)	The average width of the road segment. [Source: SDSFIE Feature Table]
num_lanes (Real)	The total number of lanes of traffic, counting both directions, not including turning lanes. [Source: SDSFIE Feature Table]
bridge_d (Boolean)	Indicates given road segment is bridge (Y- a is bridge, N- is not a bridge). [Source: SDSFIE Feature Table]
tunnel_d (Boolean)	Indicates given road segment is tunnel (Y- is a tunnel, N- is not a tunnel). [Source: SDSFIE Feature Table]
feat_desc (String60)	A general description of the road. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Sidewalk *

A paved or concrete pad used as a pedestrian walkway. Usually is composed of one or more

SideWalkSegments. [Source: SDSFIE]

Geometry Type: Line

Accuracy:

Sensitivity: Restricted

SDSFIE Entity *pedestrian_sidewalk_area*

Attributes:

walk_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
walk_use (String26)	A short description of the primary use of the sidewalk. [Source: SDSFIE Feature Table]
walk_desc (String60)	A brief description of any special characteristics of the sidewalk. [Source: SDSFIE Feature Table]
pri_matl_d (String16)	Primary material used in the sidewalk and/or trail. [Source: SDSFIE Feature Table]
sec_len (Real)	The overall length of the sidewalk section. [Source: SDSFIE Feature Table]
sec_width (Real)	The mean width of the sidewalk section. [Source: SDSFIE Feature Table]
ada_acc_d (Boolean)	Boolean indicating whether or not the walkway is in compliance with the American Disabilities Act. [Source: SDSFIE Feature Table]
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Tunnel *

The area of a transportation passage, open at both ends, used to provide access through or under a natural obstacle [Source: SDSFIE]

Geometry Type: Polygon

Accuracy: +/-5Ft.

Sensitivity: Restricted

SDSFIE Entity: tunnel_area

Attributes:

tunnel_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
tun_typ_d (String16)	The code that represents the type of tunnel [Source: SDSFIE Feature Table]
vert_clr (Real)	Indicates the actual vertical clearance to the top of the tunnel imposed by any restrictions (measured in meters). [Source: SDSFIE Feature
avg_ht (Real)	The average height of the tunnel. [Source: SDSFIE Feature Table]
avg_wd (Real)	The average width of the tunnel. [Source: SDSFIE Feature Table]
tunnel_len (Real)	The length of the tunnel. [Source: SDSFIE Feature Table]
feat_desc (String255)	Description of the feature.
lightingType_d (Enumeration)	A description of the lighting system. Lighting system classifications are Approach; Airport; Runway; Taxiway; and Obstruction
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Group: Utilities

TankSite *

An above or below grade receptacle or chamber for holding anything (e.g., fuels, water, waste, etc.) on a temporary basis prior to transfer, use, or disposal. Tanks are located on TankSites [Source: SDSFIE]

“Geometry Type: Polygon

Accuracy: +/-3Ft.

Sensitivity: Confidential

SDSFIE Entity: undefined_tank_site

Attributes:

unktnk_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
tank_type (String40)	Name of the feature.
narrative (String240)	A description or other unique information concerning the subject item, limited to 240 characters. [Source: SDSFIE Feature Table]
top_elv (Real)	The dimension indicating the elevation of exterior top surface of the tank's lid, hatch, rim, or roof in feet (English units) or meters (SI units) above some datum, if it is known. [Source: SDSFIE Feature Table]
lightCode (Boolean)	A code indicating that the obstacle is lighted [Source: AIXM]
lightingType_d (Enumeration)	A description of the lighting system. Lighting system classifications are Approach; Airport; Runway; Taxiway; and Obstruction
color_d (Enumeration)	The color of the marking(s)
markingFeatureType_d	The type of the marking(s)
verticalStructureMaterial_d	Classifies the predominant material of the vertical object
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

UtilityLine

Any utility feature that can be represented as a line

Geometry Type: Line

Accuracy: +/-3Ft.

Sensitivity: Top Secret

SDSFIE Entity *none*

Attributes:

utilityline_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
utilityType_d (Enumeration)	The class of utility based on SDSFIE Entity Class definitions.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

UtilityPoint

Any utility feature that can be represented as a point

Geometry Type: Point

Accuracy: +/-3Ft.

Sensitivity: Top Secret

SDSFIE Entity *none*

Attributes:

utilitypoint_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
utilityClass_d (Enumeration)	The class of utility based on SDSFIE Entity Class definitions.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

UtilityPolygon

Any utility feature that can be represented as a polygon

Geometry Type: Polygon

Accuracy: +/-3Ft.

Sensitivity: Top Secret

SDSFIE Entity *none*

Attributes:

utilitypolygon_id (Number*)	Primary Key. A globally unique identifier assigned to the instance of a feature type
utilityType_d (Enumeration)	The class of utility based on SDSFIE Entity Class definitions.
feat_desc (String255)	Description of the feature.
user_flag (String254)	An operator-defined work area. This attribute can be used by the operator for user-defined system processes. It does not affect the subject item's data integrity and should not be used to store the subject item's data.
meta_id (Integer20)	Foreign Key. Used to link the record to the applicable feature level metadata record(s).

Section 3-2: Domain Values

This appendix lists the acceptable domain values for each of the attributes bound by list domains in Appendix A. Each list of acceptable values is an enumeration, which means that one of the values must be selected in order to be compliant with the standard. For each value, a definition along with any applicable source information is provided.

airportFacilityType_d

Value	Definition (Notes) [Source]
HP	Heliport only
AH	Airport with helicopter landing area
AD	Airport only

approachCat_d

Value	Definition (Notes) [Source]
A	Speed less than 91 knots
B	Speed 91 knots or more but less than 121 knots
C	Speed 121 knots or more but less than 141 knots
D	Speed 141 knots or more but less than 166 knots
E	Speed 166 knots or more

approachType_d

Value	Definition (Notes) [Source]
AP2	ANA PC CAT 2/3 REVISION DATE: 1/28/2004
NUL	NUL
PC1	ANA PC CAT 1
PC2	ANA PC CAT 2/3
AP1	ANA PC CAT 1 REVISION DATE: 1/28/2004

apronType_d

Value	Definition (Notes) [Source]
Hardstand	Area for parking a single aircraft; more temporary than a PARKING_AREA. [Source: SDSFIE]
Access Ramp	Access pavement between maintenance hangars opening to the apron and the apron edge.
Apron	Apron
CargoLoading	Cargo loading area used for the loading/unloading of cargo
Fueling Area	Area used for aircraft fueling
Maintenance	Area used for aircraft maintenance

PassengerLoading	Passenger loading area used for the loading/unloading of passengers
Turnaround	Area for aircraft to turn around [Source SDSFIE]
Parking Area	Area used to park aircraft
De-icing	Area used for the de-icing of aircraft

color_d

Value	**Definition (Notes) [Source]**
Green	Green [Source: SDSFIE]
Violet	Violet [Source: SDSFIE]
TBD	to be determined [Source: SDSFIE]
Red	Red [Source: SDSFIE]
Yellow	Yellow [Source: SDSFIE]
Pink	Pink [Source: SDSFIE]
Orange	Orange [Source: SDSFIE]
Magenta	Magenta [Source: SDSFIE]
Grey	Grey [Source: SDSFIE]
Brown	Brown [Source: SDSFIE]
Blue	Blue [Source: SDSFIE]
Black	Black [Source: SDSFIE]
White	White [Source: SDSFIE]
Amber	Amber [Source: SDSFIE]
LightGrey	LightGrey [Source: SDSFIE]
Other	Other [Source: SDSFIE]

designGroup_d

Value	**Definition (Notes) [Source]**
I	Up to but not including 49 ft (15 m)
II	49 ft (15 m) up to but not including 79 ft (24 m)
III	79 ft (24 m) up to but not including 118 ft (36 m)
IV	118 ft (36 m) up to but not including 171 ft (52 m)
V	171 ft (52 m) up to but not including 214 ft (65 m)
VI	214 ft (65 m) up to but not including 262 ft (80 m)

designSurfaceType_d

Value	**Definition (Notes) [Source]**
POFA	Precision object free area (See AC 150/5300-13, paragraph 307)
TSS	Threshold Siting Surface (See AC 150/5300-13, Appendix 2)
TSA	Threshold sighting area
TOFA	Taxiway and taxilane object free area

	(See AC 150/5300-13, paragraph
RWYPTX	Runway to Parallel Taxiway and Taxiline Separation
RSZ	Runway safety zone
RSA	Runway safety area
RPZ	Runway protection zone (See AC 150/5300-13, paragraph 212)
TXSA	Taxiway safety area (See AC 150/5300-13, paragraph 403)
PRSVFR	Parallel Runway Separation Simultaneous VFR Operations
PRSIFR	Parallel Runway Separation Simultaneous IFR Operations
BRL	Building restriction line (not a standard)
ROFA	Runway object free area (See AC 150/5300-13, paragraph 307)
OFZ	Obstacle free zone (See AC 150/5300-13, paragraph 306)

directionality_d

Value	Definition (Notes) [Source]
BI	Bidirectional
ES	One way from end-to-startpoint
SE	One way from start-to-endpoint

faaRegion_d

Value	Definition (Notes) [Source]
ASO	Southern
AAL	Alaska
ACE	Central
AEA	Eastern
AGL	Great Lakes
ASW	Southwest
ANM	Northwest Mountain
AWP	Western Pacific
ANE	New England

gate_stand_type_d

Value	Definition (Notes) [Source]
TM	Temporary
HS	Hard stand
SR	Stairs
JB	Jet bridge

haz_typ_d

Value	Definition (Notes) [Source]
Bash	(Source SDSFIE)
Unknown	(Source SDSFIE)
Tortoise_Pitfall	(Source SDSFIE)
Deer Strike	(Source SDSFIE)
TBD	(Source SDSFIE)

landmarkType_d

Value	Definition (Notes) [Source]
QUARRY	
UTILITY LINE	
OTHER	
AIRPORT	
LEVEE	
ROAD	
FENCE	
SHORELINE	
SHORELINE FEATURE	
RAILROAD	

landUse_d

Value	Definition (Notes) [Source]
7140	Skiing, snowboarding, etc. (Source: APA LBCS)
6800	Historical or cultural celebrations, parades, reenactments, etc. (Source: APA LBCS)
7000	Leisure activities (Source: APA LBCS)
5400	Trains or other rail movement (Source: APA LBCS)
7100	Active leisure sports and related activities (Source: APA LBCS)
7110	Running, jogging, bicycling, aerobics, exercising, etc. (Source: APA
5410	Rail maintenance, storage, or related activities (Source: APA LBCS)
7130	Hockey, ice skating, etc. (Source: APA LBCS)
5510	Boat mooring, docking, or servicing (Source: APA LBCS)
7150	Automobile and motorbike racing (Source: APA LBCS)
7160	Golf (Source: APA LBCS)

7180	Tennis (Source: APA LBCS)
7190	Track and field, team sports (baseball, basketball, etc.), or other sports (Source: APA LBCS)
7120	Equestrian sporting activities (Source: APA LBCS)
6700	Gatherings at galleries, museums, aquariums, zoological parks, etc. (Source: APA LBCS)
6600	Social, cultural, or religious assembly (Source: APA LBCS)
5520	Port, ship-building, and related activities (Source: APA LBCS)
5600	Aircraft takeoff, landing, taxiing, and parking (Source: APA LBCS)
5700	Spacecraft launching and related activities (Source: APA LBCS)
6000	Mass assembly of people (Source: APA LBCS)
6100	Passenger assembly (Source: APA LBCS)
6200	Spectator sports assembly (Source: APA LBCS)
6300	Movies, concerts, or entertainment shows (Source: APA LBCS)
6400	Gatherings at fairs and exhibitions (Source: APA LBCS)
6500	Mass training, drills, etc. (Source: APA LBCS)
7200	Passive leisure activity (Source: APA LBCS)
8200	Livestock related activities (Source: APA LBCS)
5500	Sailing, boating, and other port, marine and water-based Activities (Source: APA LBCS)
8100	Farming, tilling, plowing, harvesting, or related activities (Source: APA)
9999	To be determined (Source: APA LBCS)
9990	To be determined (Source: APA LBCS)
9900	To be determined (Source: APA LBCS)
9300	Subsurface activity (Source: APA LBCS)
9200	Unclassifiable activity (Source: APA LBCS)
9100	Not applicable to this dimension (Source: APA LBCS)
9000	No human activity or unclassifiable activity (Source: APA LBCS)
8700	Drilling, dredging, etc. (Source: APA LBCS)
8600	Mining including surface and subsurface strip mining (Source: APA LBCS)
8500	Quarrying or stone cutting (Source: APA LBCS)
8400	Logging (Source: APA LBCS)
4320	Sewer-related control, monitor, or distribution activities (Source: APA

8000	Natural resources-related activities (Source: APA LBCS)
8300	Pasturing, grazing, etc. (Source: APA LBCS)
7210	Camping (Source: APA LBCS)
7460	Water-skiing (Source: APA LBCS)
7450	Scuba diving, snorkeling, etc. (Source: APA LBCS)
7440	Fishing, angling, etc. (Source: APA LBCS)
7430	Swimming, diving, etc. (Source: APA LBCS)
7420	Canoeing, kayaking, etc. (Source: APA LBCS)
7410	Boating, sailing, etc. (Source: APA LBCS)
7400	Water sports and related leisure activities (Source: APA LBCS)
7300	Flying or air-related sports (Source: APA LBCS)
7260	Trapping (Source: APA LBCS)
7250	Shooting (Source: APA LBCS)
7240	Promenading and other activities in parks (Source: APA LBCS)
7230	Hunting (Source: APA LBCS)
7220	Gambling (Source: APA LBCS)
5220	Drive-in, drive through, stop-n-go, etc. (Source: APA LBCS)
2320	Office activities with high turnover of automobiles (Source: APA LBCS)
4130	Other instructional activities including those that occur in libraries (Source: APA LBCS)
4120	Training or instructional activities outside classrooms (Source: APA LBCS)
4110	Classroom-type activities (Source: APA LBCS)
4100	School or library activities (Source: APA LBCS)
4000	Social, institutional, or infrastructure-related activities (Source: APA LBCS)
3300	Construction activities (grading, digging, etc.) (Source: APA LBCS)
3230	Waste processing or recycling (Source: APA LBCS)
3220	Landfilling or dumping (Source: APA LBCS)
3210	Solid waste collection and storage (Source: APA LBCS)
3200	Solid waste management activities (Source: APA LBCS)
3120	Primarily goods storage or handling activities (Source: APA LBCS)
3110	Primarily plant or factory-type activities (Source: APA LBCS)

4200	Emergency response or public-safety-related activities (Source: APA
3000	Industrial, manufacturing, and waste-related activities (Source: APA LBCS)
1300	Institutional living (Source: APA LBCS)
2310	Office activities with high turnover of people (Source: APA LBCS)
2300	Office activities (Source: APA LBCS)
2210	Restaurant-type activity with drive-through (Source: APA LBCS)
2200	Restaurant-type activity (Source: APA LBCS)
2120	Service-oriented shopping (Source: APA LBCS)
2110	Goods-oriented shopping (Source: APA LBCS)
2100	Shopping (Source: APA LBCS)
2000	Shopping, business, or trade activities (Source: APA LBCS)
5210	Vehicular parking, storage, etc. (Source: APA LBCS)
1200	Transient living (Source: APA LBCS)
4322	Sewer treatment and processing (Source: APA LBCS)
1000	Residential activities (Source: APA LBCS)
3100	Plant, factory, or heavy goods storage or handling activities (Source: APA LBCS)
4700	Military base activities (Source: APA LBCS)
1100	Household activities (Source: APA LBCS)
4210	Fire and rescue-related activities (Source: APA LBCS)
5200	Vehicular movement (Source: APA LBCS)
5100	Pedestrian movement (Source: APA LBCS)
5000	Travel or movement activities (Source: APA LBCS)
4710	Ordnance storage (Source: APA LBCS)
4600	Interment, cremation, or grave digging activities (Source: APA LBCS)
4500	Health care, medical, or treatment activities (Source: APA LBCS)
4430	Storage of chemical, nuclear, or other materials (Source: APA LBCS)
4420	Storage of natural gas, fuels, etc. (Source: APA LBCS)
4410	Water storage (Source: APA LBCS)
4400	Mass storage, inactive (Source: APA LBCS)
4350	Natural gas or fuels-related control, monitor, or distribution Activities (Source: APA LBCS)
4311	Water storing, pumping, or piping (Source: APA LBCS)

4230	Emergency or disaster-response-related activities (Source: APA LBCS)
4220	Police, security, and protection-related activities (Source: APA LBCS)
4720	Range and test activities (Source: APA LBCS)
4340	Telecommunications-related control, monitor, or distribution activities (Source: APA LBCS)
4300	Activities associated with utilities (water, sewer, power, etc.) (Source: APA LBCS)
4310	Water-supply-related activities (Source: APA LBCS)
4312	Water purification and filtration activities (Source: APA LBCS)
4313	Irrigation water storage and distribution activities (Source: APA LBCS)
4314	Flood control, dams, and other large irrigation activities (Source: APA LBCS)
4321	Sewage storing, pumping, or piping (Source: APA LBCS)
4330	Power generation, control, monitor, or distribution activities (Source: APA LBCS)
4331	Power transmission lines or control activities (Source: APA LBCS)
4332	Power generation, storage, or processing activities (Source: APA LBCS)

lightingType_d

Value	**Definition (Notes) [Source]**
PAPI-4	Precision Approach Path Indicator with 4 lights
VASI-2	Visual Approach Slope Indicator with 2 bars
SSALR	Simplified Short Approach Lighting System
PAPI-2	Precision Approach Path Indicator with 2 lights
RCLS	Runway Centerline Lighting System
REIL	Runway End Identifier Lights
RWYGRD	Runway Guard Lights
PVASI	Pulsating Visual Approach Slop Indicators
STPBAR	Stop Bar Lights
TCTL	Taxiway Centerline Lights
TDZL	Touchdown Zone Lighting
TLOF	Taxiway Lead-Off Lights
TRCV	Tri-Color Visual Approach Slope Indicator
VASI-16	Visual Approach Slope Indicator with 3 bars and 16 boxes
VASI-2-2	Visual Approach Slope Indicator with 2 bars and 2 boxes

ODALS	Omni Directional Approach Lighting System
LITL	Low Intensity Taxiway Edge Lights
VASI-3	Visual Approach Slope Indicator with 3 bars
VASI-12	Visual Approach Slope Indicator with 2 bars and 12 boxes
ALSF-2	High Intensity Approach Lighting System - Configuration 2
MALSR	Medium Intensity Approach Lighting Systems with Runway Alignment Indicator Lights (RAIL)
ALSF-1	High Intensity Approach Lighting System - Configuration 1
OBSWHT	Flashing White Obstruction Lights
APAP	Alignment of Elements Systems
APTBCN	Airport or Heliport Beacon
CLRBAR	Taxiway Clearance Bar Lights
CODEBCN	Code Beacon
COURSE	Course Lights
LAHSO	Land and Hold Short Lights
LIRL	Low Intensity Runway Edge Light System
MALSF	Medium Intensity Approach Lighting Systems with with Sequenced Flashing Lights
MIRL	Medium Intensity Runway Edge Light System
MITL	Medium Intensity Taxiway Edge Lights
OBSCAT	Catenary Lighting
OBSDUAL	A combination of OBSRED and OBSDUAL
OBSRED	Aviation Red Obstruction Lights
HIRL	High Intensity Runway Edge Light System

low_visibility_cat_d

Value	Definition (Notes) [Source]
1	Supports ILS CAT I low visibility operations
2	Supports ILS CAT II III low visibility operations
0	No low visibility operation supported

markingFeatureType_d

Value	Definition (Notes) [Source]
LAHSO	Marking associated with a Land And Hold Short Operations (LAHSO)
APRNSIGN	Surface painted apron position/entrance sign (Geometry Type: Polygon) [Source: AC 150/5340-1]
ARROW	Arrows identify the displaced threshold area to provide centerline guidance for takeoffs and rollouts (Geometry Type: Line) [Source: AC

ARROWHD	Arrow heads are used in conjunction with a threshold bar to further highlight the beginning of a runway (Geometry Type: Line) [Source: AC
CHEVRON	A marking used to designate blast pads and other areas that are not suitable for aircraft (Geometry Type: Line) [Source: AC 150/5340-1]
DEMARK	Demarcation Bar (Geometry Type: Line) [Source: AC 150/5340-1]
DIRSIGN	Surface painted taxiway direction signs (Geometry Type: Polygon) [Source: AC 150/5340-1]
GATELINE	All painted taxilines covering a parking stand area are regarded as stand guidance lines and will be individual objects in the database. There may be several stand guidance taxilines leading to an aircraft stand to accommodate different aircraft types.
GATESIGN	Surface painted gate position signs (Geometry Type: Polygon) [Source: AC 150/5340-1]
HOLDSIGN	Surface painted holding position signs (Geometry Type: Polygon) [Source: AC 150/5340-1]
AIMINGPT	Runway Aiming Point (Geometry Type: Polygon) [Source: AC 150/5340-1]
TWYCTL	Taxiway Centerline (Geometry Type: Line) [Source: AC 150/5340-1]
INTRHOLD	Holding position marking for taxiway/taxiway intersections (Geometry Type: Line) [Source: AC 150/5340-1]
VEHICLE	Vehicle roadway markings (Geometry Type: Line) [Source: AC
TWYSHD	Taxiway shoulder marking (Geometry Type: Line) [Source: AC 150/5340-1]
TWYEDGE	Taxiway edge marking (Geometry Type: Line) [Source: AC 150/5340-1]
THRSHBAR	Runway Threshold Bar (Geometry Type: Polygon) [Source: AC
TEMPCLSE	Markings for temporarily closed runways and taxiways (Geometry Type: Line) [Source: AC 150/5340-1]
TDZMARK	Runway Touchdown Zone Marking (Geometry Type: Polygon) [Source: AC 150/5340-1]
SIDESTRP	Runway Side Stripe Marking (Geometry Type: Line) [Source: AC

RWYTHRSH	Runway Threshold Marking (Geometry Type: Polygon) [Source: AC 150/5340-1]
RWYSHD	Runway shoulder markings (Geometry Type: Line) [Source: AC
NONMOVE	Non-movement area marking (Geometry Type: Line) [Source: AC
TWYHOLD	Runway hold position markings on taxiways (Geometry Type: Polygon) [Source: AC 150/5340-1]
RWYID	Runway Designation Marking (Geometry Type: Polygon) [Source: AC 150/5340-1]
ILSHOLD	Holding position markings for Instrument Landing Systems (Geometry Type: Polygon) [Source: AC 150/5340-1]
LOCSIGN	Surface painted taxiway location signs (Geometry Type: Polygon) [Source: AC 150/5340-1]
OTHLINE	Other markings suitable for representation as a line
OTHPOLY	Other markings suitable for representation as a polygon
PERMCLSE	Markings for permanently closed runways and taxiways (Geometry Type: Polygon) [Source: AC 150/5340-1]
POSSIGN	Geographic position markings (Geometry Type: Polygon) [Source: AC 150/5340-1]
RWYCTL	Runway Centerline (Geometry Type: Line) [Source: AC 150/5340-1]
RWYHOLD	Runway holding position markings on Runways (Geometry Type: Polygon) [Source: AC 150/5340-1]

NavaidEquipTypeCode_d

Value	**Definition (Notes) [Source]**
NDB/U - NDB	Required
VOT - VOT	Required
TLS - APGS	Required
SDF - SDF	Required
SECRA - SECRA	Required
TACAN - TACAN	Required
PAR - PAR	Required
TLS - APLOC	Required
VDME - DME	Required
VDME - VOR	Required
VOR - VOR	Required
VORTAC - VOR	Required
NDB/M - NDB	Required

MLS - AZ	Required
VORTAC - TACAN	Required
DME - DME	Required
ARSR - ARSR	Required
MLS - ELEV	Required
DF - DF	Required
NDB/H - NDB	Required
FAN - FAN	Required
ILS - GS	Required
ILS - LOC	Required
MLS - DME	Required
MSBLS - AZ	Required
MSBLS - DME	Required
MSBLS - ELEV	Required
NDB/C - NDB	Required
LOC - LOC	Required
ASR - ASR	Required

NavaidSysTypeCode_d

Value	Definition (Notes) [Source]
VOT	VOR Test
PAR	Precision Approach Radar
SECRA	Secondary Radar
TACAN	Tactical Air Navigation
TLS	Transponder Landing System
VDME	VHF Omnirange w/Distance Measuring Equipment
Visual	
VORTAC	VHF Omnirange w/Tactical Air Navigation
NDB/M	Nondirectional Radio Beacons/Medium HF
NDB/U	Nondirectional Radio Beacons/Ultra HF
VOR	VHF Omnirange
ILS	Instrument Landing System
SDF	Simplified Direction Facility
ASR	Airport Surveillance Radar
DF	Direction Finder
FAN	FAN Marker Beacon
LOC	Localizer System
MLS	Microwave Landing System
MSBLS	Microwave Scan Beam Landing System
NDB/H	Nondirectional Radio Beacon -- High Frequency
NDB/C	Nondirectional Radio Beacon -- Compass Locator

ARSR	Air Route Surveillance Radar
DME	Distance Measuring Equipment

obstacle_type_d

Value	Definition (Notes) [Source]
OR	Other
OP	OEP
WW	Worldwide DOD
SE	Spot Elevations
ST	State-Coded
FI	FIFO
AR	Army
AN	ANA
OC	Obstacle Chart

ObstAreaType_d

Value	Definition (Notes) [Source]
TREE	
URBAN	
MOBILE CRANE	
GROUND	
BUILDING	
AG EQUIP	Agricultural equipment

oisSurfaceCondition_d

Value	Definition (Notes) [Source]
SUPPLEMENTARY	
PRIMARY	

oisSurfaceType_d

Value	Definition (Notes) [Source]
RBI	Ron Brown Airport Initiative
ANA	Area Navigational Approach
CGR	Congressional
F77	FAR Part 77
OEP	Operational Evolution Plan

oisZoneType_d

Value	Definition (Notes) [Source]
TRANSITION	
PRIMARY	
APPROACH	
CONICAL	
HORIZONTAL	

operationsType_d

Value	Definition (Notes) [Source]
CIV	Civil operations only
JOINT	Joint military and civil operations
MIL	Military operations only
MILEXT	Military operations + civil operations allowed

owner_d

Value	Definition (Notes) [Source]
K	International Military
X	Special
S	State
R	Army
P	Private
O	Other (Specify In Metadata)
L	International (U.S. Aid Funds)
I	International
H	International Public
F	FAA (Other Than F&E)
E	FAA F&E Projects
C	Coast Guard
B	Public
A	Air Force
J	International Private
N	Navy

PointType_d

Value	Definition (Notes) [Source]
9	Spot Elevation Point
UNDEFINED/OTHER	
AIRPORT_ELEV	
5	ElevationPoint
CENTERLINE_ELEV	This may be the same as CenterlinePoint
DISPLACED_THRESHOLD	
RUNWAY_END	This item should be deleted, see RunwayEnd feature
TACS	
STOPWAY_END	
7	HelipadReferencePoint
6	NavaidControlPoint
4	CenterlinePoint
3	RunwayControlPoint
2	Secondary Airport Control Station (SAC)
1	Primary Airport Control Station (PAC)
0	Airport Reference Point (ARP)
8	VerticalPointObject

precisionApproachGuidance_d

Value	Definition (Notes) [Source]
6	ILS precision approach runway category III D
5	ILS precision approach runway category III C
4	ILS precision approach runway category III B
3	ILS precision approach runway category III A
2	ILS precision approach runway, category II
0	non precision approach runway
7	MLS precision approach
1	ILS precision approach runway, category I

projectStatus_d

Value	Definition (Notes) [Source]
PROPOSED	Not yet approved
IN_PROGRESS	In progress
PLANNED	Approved and planned

signTypeCode_d

Value	Definition (Notes) [Source]
OUT_DEST	Outbound Destination Sign
INFO	Signs installed on the airside of an airport, other than taxiway guidance signs or runway distance remaining signs.
TWY_LOC	Taxiway Location Sign
TWY_END	Taxiway Ending Marker
TWY_DIR	Taxiway Direction Sign
TERM	Inbound Destination Sign - gate positions at which aircraft are loaded and unloaded
RWY_LOC	Runway Location Sign
RWY_EXIT	Runway Exit Sign
RWY_DIST_REM	Sign that designates the remaining runway distance to pilots During takeoff and landing operations
RSA_RWY_APPR	Runway Safety Area/OFZ and Runway Approach Boundary Sign
RD_YIELD	Yield sign in areas where vehicle roadways intersect runways or taxiways
RD_STOP	Stop sign in areas where vehicle roadways intersect runways or taxiways
PAX	Inbound Destination Sign - areas set aside for passenger handling
FUEL	Inbound Destination Sign - areas where aircraft are fueled or serviced
MIL	Inbound Destination Sign - areas set aside for military aircraft
NO_ENTRY	No Entry Sign
CARGO	Inbound Destination Sign - areas set aside for cargo handling
FBO	Inbound Destination Sign - fixed base operator
HOLD_ILS	Holding Position Sign for ILS Critical Areas
HOLD_RWY_APPR	Holding Position Sign for Runway Approach Areas
HOLD_RWY_RWY	Holding Position Sign for Runway/Runway Intersections
HOLD_TWY_RWY	Holding Position Sign for Taxiway/Runway
ILS_CRITICAL	ILS Critical Area Boundary Sign
INTL	Inbound Destination Sign - areas set aside for handling international

APRON	Inbound Destination Sign - general parking, servicing, and loading areas
CIVIL	Inbound Destination Sign - areas set aside for civil aircraft

status_d

Value	Definition (Notes) [Source]
ABANDONED	Abandoned [Source: SDSFIE]
OPERATIONAL	Operational (fully) [Source: SDSFIE]
WIP	Construction or work in progress UNDERCONSTRUCTION Planned or under construction [Source: SDSFIE]
TBD	To be determined [Source: SDSFIE]
SPOWER	Secondary power supply in operation
PARKED	Parked or disabled aircraft
NONOPERATIONAL	Non operational [Source: SDSFIE]
LIMITED	Limited operations [Source: SDSFIE]
FAILAID	Failure or irregular operation of visual aides
CLOSED	Closed surface [Source: SDSFIE]
ACTIVE	Active surface [Source: SDSFIE]
BKN	Broken or rough surface

surfaceCondition_d

Value	Definition (Notes) [Source]
GOOD	Good condition
POOR	Poor condition
FAIR	Fair condition

surfaceMaterial_d

Value	Definition (Notes) [Source]
CNG	Concrete ungrooved
W	Water
SI	Snow/Ice
GS	Turf
DS	Desert/Sand
CGs	Concrete and turf
CG	Concrete grooved
BE	Bare earth
ANG	Asphalt ungrooved
GR	Gravel
Ags	Asphalt and turf
AG	Asphalt grooved
CA	Concrete and asphalt

surfaceType_d

Value	Definition (Notes) [Source]
P	PAVED (SPECIALLY PREPARED HARD SURFACE)
S	SPECIAL (NOT A SPECIALLY PREPARED HARD SURFACE)
U	UNPAVED (SPECIALLY PREPARED HARD SURFACE)

taxiwayType_d

Value	Definition (Notes) [Source]
LI-LANE	Lead-in taxilane
APRON	Apron taxiway
T-AROUND	Turn around taxiway
STUB	Stub taxiway
S-TLANE	Gate/stand taxilane
PAR	Parallel taxiway
LO-TLANE	Lead-out taxilane
AIR-TLANE	Air taxilane
FASTEXIT	Rapid exit/turnoff taxiway
EXIT	Exit/turnoff taxiway
BYPASS	Bypass holding bay
AIRTWY	Air taxiway
GNDTWY	Ground taxiway

thresholdType_d

Value	Definition (Notes) [Source]
Normal	An indication that the landing threshold corresponds to the end of the runway
Displaced	An indication that the landing threshold is located at a point other than the runway end.

utilityType_d

Value	Definition (Notes) [Source]
CNTRL_MNTR_SYSTEM	The components of an electronic monitoring and control system (EMCS) including cables, devices, etc.
NATURAL_GAS_SYSTEM	The components of a natural gas distribution system consisting of pipes, fittings, fixtures, etc.
WATER_SYSTEM	The components of a water system including pipes, fittings, fixtures, treatment plants, etc.
TRANSMISSION_SYSTEM	Objects related to the long distance transmission of gas, oil, or hazardous liquid.

STORM_SYSTEM	The components of a storm drainage collection system including pipes, fittings, fixtures, etc.
SALTWATER_SYSTEM	The components of a salt water collection system.
NUCLEAR	The components of a nuclear system such as nuclear fuel, Nuclear research, nuclear waste, and nuclear weapons.
WASTEWATER_SYSTEM	The components of a wastewater collection system including pipes, fittings, fixtures, treatment plants, collection locations, etc.
HEAT_COOL_SYSTEM	The components of a heating and cooling distribution system consisting of pipes, fittings, fixtures, etc.
GENERAL	The components of utility system which are universal in use and purpose and do not belong to a specific utility.
FUEL_SYSTEM	The components of a fuel distribution system consisting of pipes, fittings, fixtures, pumps, tanks, etc.
ELECTRICAL_SYSTEM	The components of an electrical distribution system including cables, switches, devices, motors, transformers, etc.
COMPRESSED_AIR_SYSTEM	The components of a compressed air system.
INDUSTRIAL_SYSTEM	The components of an industrial waste collection system including pipes, fittings, fixtures, tanks, lagoons, etc.
ELECTRICAL_EXT_LIGHT	The components of an electrical exterior lighting system including cables, switches, devices, transformers, etc. Does not include airfield, NAVAID or approach lighting.

verticalStructureMaterial_d

Value	Definition (Notes) [Source]
6	Wood
1	Concrete
2	Metal
3	Stone/brick
4	Composition
5	Rock

zng_cls_d

Value	Definition (Notes) [Source]
RESIDENTIAL	Areas that are zoned for housing or residential development. (Source SDSFIE)
QUASI_PUBLIC	Areas that are zoned public although under private ownership or control. (Source SDSFIE)
COMMERCIAL	Areas that are zoned for merchandising, shopping, or

	other commercial development. (Source SDSFIE)
INDUSTRIAL	Areas which are zoned for factory, manufacturing, or other industrial development. (Source SDSFIE)

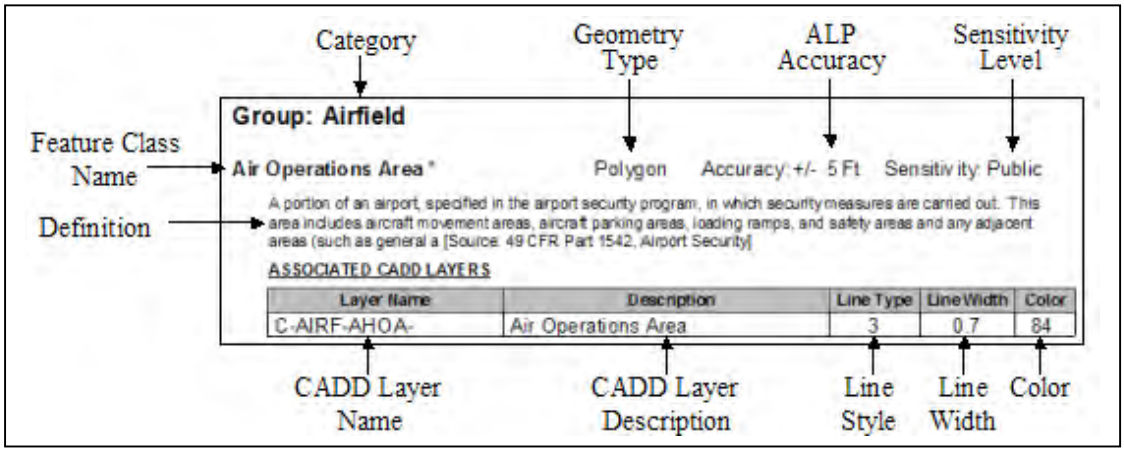
zone_type

Value	**Definition (Notes) [Source]**
PROJECTED	Areas expected to be subject to flooding in the future.
10_YEAR	Areas subject to 10 year flooding.
100_YEAR	Areas subject to 100 year flooding.
15_YEAR	Areas subject to 15 year flooding.
25_YEAR	Areas subject to 25 year flooding.
5_YEAR	Areas subject to 5 year flooding.
50_YEAR	Areas subject to 50 year flooding.
500_YEAR	Areas subject to 500 year flooding.
GENERAL	Areas prone to flooding in general

Section 3-3: Feature Types and Associated CADD Layers

This section lists each of the 763 CADD layers defined by this standard. The CADD layers are grouped by category (i.e. Airfield, Airspace, Environmental, etc.) and by Feature Type (i.e. Air Operations Area, Aircraft Deicing Area, etc.) as the GIS layers were in Chapter 2 or Appendix 3, Section 1 for ease of use. This primary difference is that each Feature Type has one or more CADD layers associated with it. For each CADD layer, the layer name, description, line style, line width and color are provided. It is important to note that not all features, and therefore CADD layers, are required. Those that are required are marked with an asterisk. The following figure provides a key to the information provided in Appendix 3 Section 3-3.

Legend to Appendix 3 Section 3-3



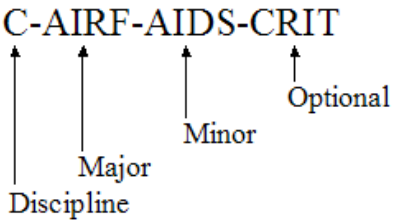
Each CADD layer is assigned a name made up of 5 parts. This format is consistent with layer name format used in the A/E/C CADD Standards and the National CADD Standard, which are all based on recommendations made in the American Institute of Architects CAD Layer Guidelines (AIA 2001) and is the same. The first part is a single character indicating the discipline of the data contained on that layer. A list of the disciplines used in this standard and their one-character codes is provided in the following list.

A	Architectural
C	Civil
E	Electrical
G	General
H	Hazardous Materials
L	Landscape
M	Mechanical
P	Plumbing
S	Structural
T	Telecommunications
V	Surveying/Mapping

The second part is a 4-character code for the major group. Major groups include AIRF for airfield related features, AIRS related features and BLDG for buildings. The third part is a 4-character code for the minor group. Minor groupings further distinguish layers. For instance within the AIRF major grouping there are AIDS for navigational aids, DSRF for design surfaces, and OBST for obstructions. The fourth part is similar to the third but it is optional and is only used to further distinguish features. An example is the breakdown of COMM for communications, WTHR for weather and ILS_ for instrument landing system navigational aides within the Major group AIRF and the minor group AIDS. The fifth and last part of the layer name is an optional character indicating the status of the data contained on the layer. Figure 17 provides an example of a CADD layer name for a NAVAID critical area.

Figure 17

Format of CADD Layer Names



Group: Airfield

AircraftDeicingArea * Polygon Accuracy: +/- 5 Ft Sensitivity: Unclassified

An aircraft deicing facility is a facility where: (1) frost, ice, or snow is removed (deicing) from the aircraft in order to provide clean surfaces, and/or, (2) clean surfaces of the aircraft receive protection (anti-icing) against the formation of frost or ice and accumulation of snow or slush for a limited period of time [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-APRN-DEIC-	Aircraft Deicing Area

AircraftGateStand * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

Operational area of gate (parking) stand. If no gate stand area painting is available, a virtual parking stand area should be provided [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-APRN-ACPK-	Aircraft gate/stand parking area

AircraftNonMovementArea Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

An area where aircraft cannot be seen by a control tower and therefore are restricted to move.

Associated CADD Layers:

Layer Name	Description
C-APRN-ANOM-	Aircraft non-movement area
C-AIRF-DSRF-NMOV	Aircraft Non-Movement Area

AirfieldLight * Point Accuracy: +/- 5 Ft Sensitivity: Restricted

Any lighting located within or near an airport boundary the provides guidance for airborne and ground maneuvering of aircraft [Source: AIM, AC 150/5340-24]

Associated CADD Layers:

Layer Name	Description
E-LITE-APPR-	Approach lights
E-LITE-DIST-	Distance and arresting gear markers and lights
E-LITE-LANE-	Hoverlane, taxilane, and helipad lights
E-LITE-OBST-	Obstruction lights
E-LITE-ROOF-	Roof lighting
E-LITE-RUNW-EDGE	Runway edge lights
E-LITE-SIGN-	Taxiway guidance signs
E-LITE-TAXI-CNTL	Taxiway centerline lights
E-LITE-THRS-	Threshold lights
V-LITE-APPR-	Approach lights
V-LITE-LANE-	Hoverlane, taxilane, and helipad lights
V-LITE-OBST-	Obstruction lights
V-LITE-RUNW-	Runway lights
V-LITE-TAXI-	Taxiway lights
V-LITE-THRS-	Threshold lights
V-LITE-RUNW-TDZN	Runway Touchdown Zone lights

V-LITE-RUNW-CNTL	Runway Centerline lights
E-LITE-RUNW-TDZN	Runway Touchdown Zone lights
E-LITE-RUNW-CNTR	Runway Centerline lights
E-LITE-RUNW-DTGS1	Runway Distance to go lights
E-LITE-APRN-	Apron Lighting
E-LITE-TAXI-EDGE	Taxiway edge lights
E-LITE-RNWY-GARD	Runway guard lights

AirfieldLinearFeatureSafetyLine * Line Accuracy: +/- 5 Ft Sensitivity: Restricted

Location of the arresting gear cable across the runway [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-RUNW-ARST-	Runway Arresting Gear Location

AirOperationsArea * Polygon Accuracy: +/- 5 Ft Sensitivity: Unclassified

A portion of an airport, specified in the airport security program, in which security measures are carried out. This area includes aircraft movement areas, aircraft parking areas, loading ramps, and safety areas and any adjacent areas (such as general aviation areas) that are not separated by adequate security systems, measures, or procedures. [Source: 49 CFR Part 1542, Airport Security]

Associated CADD Layers:

Layer Name	Description
C-AIRF-AHOA-	Air Operations Area

AirportBoundary Polygon Accuracy: +/- 1 Ft Sensitivity: Restricted

A polygon, or a set of polygons, that encompasses all property owned or controlled by the airport for aviation purposes [Source: AC 150/5300-13, Appendix 7, Order 5190.6A, Section 5]

Associated CADD Layers:

Layer Name	Description
C-AIRF-PROP-	Airport property

AirportSign * Point Accuracy: +/-10 Ft Sensitivity: Restricted

Signs at an airport other than surface painted signs [Source: AC 150/5340-18]

Associated CADD Layers:

Layer Name	Description
A-ELEV-SIGN-	Signage
A-FLOR-SIGN-	Signage
C-NGAS-SIGN-	Surface markers/signs
C-PVMT-SIGN-	Other signs
C-SSWR-SIGN-	Surface markers/signs
C-STRM-SIGN-	Surface markers/signs
E-SPCL-TRAF-	Traffic signal system
V-LITE-DIST-	Distance and arresting gear markers
V-LITE-SIGN-	Taxiway guidance signs
V-NGAS-SIGN-	Surface markers/signs
V-SPCL-TRAF-	Traffic signal system
V-SSWR-SIGN-	Surface markers/signs

V-STRM-SIGN-	Surface markers/signs
C-RUNW-SIGN-	Airfield signs on the runway such as distance remaining signs
C-TAXI-SIGN-	Airfield signs on the taxiway such as taxiway designator, hold short and directional signs
C-APRN-SIGN-	Airfield signs on the apron

Apron *

Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A defined area on an airport or heliport, paved or unpaved, intended to accommodate aircraft for purposes of loading or unloading passengers or cargo, refueling, parking, or maintenance [Source:

Associated CADD Layers:

Layer Name	Description
C-APRN-OTLN-	Airfield apron

DisplacedThreshold *

Point Accuracy: +/- 5 Ft Sensitivity: Restricted

The beginning of that portion of the runway available for landing when it is located at a point other than the physical end of the runway [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-RUNW-DISP-	Displaced threshold
C-RUNW-THRS-	Threshold markers

FrequencyArea *

Polygon Accuracy: +/-20 Ft Sensitivity: Unclassified

Area specifying the designated part of the surface movement area where a specific frequency is required by ATC or ground control [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-AIRF-FREQ-	Frequency Area

HelipadFATO *

Polygon Accuracy: +/- 5 Ft Sensitivity: Unclassified

A defined area over which the final phase of the approach to a hover, or a landing, is completed and from which the takeoff is initiated. This area was called the "takeoff and landing area" in previous publications [Source: AC 150/5390-2B]

Associated CADD Layers:

Layer Name	Description
C-HELI-FATO-	Helipad FATO

HelipadThreshold *

Point Accuracy: +/- 5 Ft Sensitivity: Unclassified

Based on the predominant wind direction, the helipad threshold position is congruent with the approach/takeoff paths [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-HELI-DISP-	Displaced threshold markings
C-HELI-THRS-	Threshold markers

HelipadTLOF * Polygon Accuracy: +/- 5 Ft Sensitivity: Unclassified

A load bearing, generally paved area, normally centered in the FATO, on which the helicopter lands or takes off. The TLOF is frequently called a helipad or helideck. TLOFs will be photogrammetrically determined [Source: AC 150/5390-2B]

Associated CADD Layers:

Layer Name	Description
C-HELI-TLOF-	Helipad take off and landing area

MarkingArea * Polygon Accuracy: +/- 2 Ft Sensitivity: Unclassified

An element of Marking whose geometry is a polygon [Source: AC 150/5340-1]

Associated CADD Layers:

Layer Name	Description
C-HELI-IDEN-	Heliport numbers and letters
C-HELI-TDZM-	Touchdown zone markers
C-RUNW-DIST-	Fixed distance markings
C-RUNW-IDEN-	Runway numbers and letters
C-RUNW-TDZM-	Touchdown zone markers

MarkingLine * Line Accuracy: +/- 2 Ft Sensitivity: Restricted

An element of Marking whose geometry is a line [Source: AC 150/5340-1, RTCA/DO-272]

Associated CADD Layers:

Layer Name	Description
C-APRN-CNTR-	Centerlines
C-APRN-HOLD-	Holding position markings
C-APRN-MRKG-	Apron markings
C-APRN-SECU-	Security zone markings
C-APRN-SHLD-	Shoulder stripes
C-HELI-BLST-	Helipad blast pad and stopway markings
C-HELI-CNTR-MARK	Centerline markings
C-HELI-DIST-	Fixed distance markings
C-HELI-SIDE-	Side stripes
C-OVRN-CNTR-	Centerlines
C-OVRN-SHLD-	Shoulder markings
C-PADS-CNTR-	Centerlines
C-PADS-OTLN-	Pad - outlines
C-RUNW-CNTR-MARK	Centerline markings
C-RUNW-SHLD-	Shoulder markings
C-RUNW-SHLD-	Runway Shoulder
C-RUNW-SIDE-	Side stripes
C-TAXI-CNTR-MARK	Centerline markings
C-TAXI-EDGE-	Edge markings
C-TAXI-SHLD-	Shoulder transverse stripes
V-PVMT-MRKG-	Pavement markings
C-PVMT-MRKG-WHIT	Roadway markings (white)
C-PVMT-MRKG-YELO	Roadway markings (yellow)

ObstructionArea * Polygon Accuracy: +/-20 Ft Sensitivity: Restricted

Areas penetrating the plane of a specified or supplemental obstruction identification surface (OIS). The type of obstructing area is determined by the predominantly obstructing element in the grouped area. Penetrating groups of trees, ground, buildings, urban areas, mobile cranes, and agricultural area are the most common types of area limits found within the surfaces of a FAR-77 survey. [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-AIRS-OBST-LINE	Airspace obstructions - Line

PassengerLoadingBridge * Polygon Accuracy: +/-10 Ft Sensitivity: Restricted

A bridge for loading/unloading access to airplanes for passengers and crew

Associated CADD Layers:

Layer Name	Description
A-EQPM-JETB-	Aircraft Jetbridge

RestrictedAccessBoundary * Line Accuracy: +/- 5 Ft Sensitivity: Confidential

A restricted area boundary defines aircraft movement area that is strictly reserved for use by authorized personnel only. These boundaries, typically found on joint civil/military use airports, are often painted red lines on taxiway or apron surfaces. [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-AIRF-SECR-RSTR	Military restricted access boundary

Runway Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A defined rectangular area on a land airport prepared for the landing and takeoff run of aircraft along its length. Runways are normally numbered in relation to their magnetic direction rounded off to the nearest 10 degrees: e.g., Runway 10/28, Runway 07/25. [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-RUNW-EDGE-	Airfield runway edges

RunwayArrestingArea * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

Any FAA-approved high energy absorbing material of a specific strength that will reliably and predictably bring and aircraft to a stop without imposing loads that exceed the aircraft's design limits, cause major structural damage, or impose excessive forces on its occupants. Currently, the only FAA approved material is EMAS - Engineered Material Arresting System. [Source: AC 150/5220-22]

Associated CADD Layers:

Layer Name	Description
C-RUNW-ARST-	Runway arresting area

RunwayBlastPad * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A specially prepared surface placed adjacent to the ends of runways to eliminate the erosive effect of the high wind forces produced by airplanes at the beginning of their takeoff rolls [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-RUNW-BLST-	Runway blast pad

RunwayCenterline * Line Accuracy: +/- 2 Ft Sensitivity: Restricted

Continuous line along the painted centerline of a runway connecting the middle-points of the two outermost thresholds. Centerline is composed of many centerline points (see RunwayControlPoint). It is used to calculate grade and line-of-sight criteria. [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-RUNW-CNTR-	Runway Centerline

RunwayEnd Point Accuracy: +/- 1 Ft Sensitivity: Restricted

The end of the runway surface suitable for landing or takeoff runs of aircraft. RunwayEnds are related to and describe the approach and departure procedure characteristics of a runway threshold. RunwayEnd is the same as the runway threshold when the threshold is not displaced. [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-RUNW-ENDP-	Runway endpoint

RunwayHelipadDesignSurface * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A three-dimensional surface that is used in runway design [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-AIRF-DSRF-BLDR	Building Restriction Line
C-AIRF-DSRF-RSA_	Runway Safety Area
C-AIRF-DSRF-RPZ_	Runway Protection Zone
C-AIRF-DSRF-OFA_	Object Free Area
C-AIRF-DSRF-OFZ_	Object Free Zone
C-AIRF-DSRF-POFA	Precision Object Free Area
C-AIRF-DSRF-KEYH	Key holes
C-RUNW-CLRW-	Runway clearway
C-HELI-DSRF-	Helipad design surface

RunwayIntersection * Polygon Accuracy: +/- 2 Ft Sensitivity: Restricted

The area of intersection between two or more runways [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-RUNW-INTS-	Runway intersection

RunwayLabel Point Accuracy: +/- Ft Sensitivity: Secret

The bottom center position of the runway designation marking [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-RUNW-ENDP-MARK	Runway label marking point

RunwayLAHSO * Line Accuracy: +/- 5 Ft Sensitivity: Restricted

Markings installed on a runway where an aircraft is to stop when the runway is normally used as a taxiway or used for Land and Hold Short Operations (LAHSO) as identified in a letter of agreement with the Air Traffic Control Tower (ATCT). A runway should be considered as normally used for taxiing if there is no parallel taxiway and no ATCT. Otherwise, seek input from ATCT [Source: Order 7110.118]

Associated CADD Layers:

Layer Name	Description
C-RUNW-LAHS-	Runway land and hold short area

RunwaySegment * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A section of the runway surface. The runway surface can be defined by a set of non-overlapping RunwaySegment polygons. RunwaySegments may overlap Runway and RunwayIntersection features. Use RunwaySegment to model the physical runway pavement in terms of surface, material, strength and condition. [Source: AC 150/5335-5, AC 150/5320-12, AC 150/5320-17, AC 150/5320-6]

Associated CADD Layers:

Layer Name	Description
C-RUNW-SEGM-	Runway segment

Shoulder * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

An area adjacent to the edge of paved runways, taxiways, or aprons providing a transition between the pavement and the adjacent surface; support for aircraft running off the pavement; enhance drainage; and blast protection [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-HELI-SHLD-	Shoulder
C-PADS-SHLD-	Shoulders with annotation

Stopway * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A defined rectangular surface beyond the end of a runway prepared or suitable for use in lieu of runway to support an airplane, without causing structural damage to the airplane, during an aborted takeoff [Source: AC 150/5300-13]

Associated CADD Layers:

Layer Name	Description
C-RUNW-STWY-	Runway stopway markings

TaxiwayHoldingPosition Line Accuracy: +/- 2 Ft Sensitivity: Restricted

A designated position at which taxiing aircraft and vehicles will stop and hold position, unless otherwise authorized by the aerodrome control tower [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
C-TAXI-HOLD-	Holding lines

TaxiwaySegment * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

The taxiway segment features are used to represents taxiway, apron taxiway, rapid exit taxiway, taxiway intersection, and aircraft stand taxilane surface [Source: AC 150-5300-13]

Associated CADD Layers:

Layer Name	Description
C-TAXI-OTLN-	Taxiway - outlines

Group: Airspace

LandmarkSegment
Polygon Accuracy: +/-10 Ft Sensitivity: Unclassified

Geographic features located in the vicinity of an airport that aid geographic orientation. The features may or may not have obstruction value. These may include objects such as roads, railroads, fences, utility lines, shorelines, levees, quarries and nearby airport, etc. [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-AIRS-LNDM-	Landmark segment

Obstacle
Point Accuracy: +/- Ft Sensitivity: Restricted

All fixed (whether temporary or permanent) and mobile objects, or parts thereof, that are located on an area intended for the surface movement of aircraft or that represent a defined Obstruction Identification Surface [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-AIRS-OBSC-	Airfield obstruction

ObstructionIdentificationSurface
Polygon Accuracy: +/-20 Ft Sensitivity: Restricted

A derived imaginary Obstruction Identification Surface defined by FAA. [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-AIRS-OTHR-	Other airspace surfaces
C-AIRS-TERP-	TERPS surfaces
C-AIRS-PART-PRIM	FAR Part 77 Primary Surface
C-AIRS-PART-HORZ	FAR Part 77 Horizontal Surface
C-AIRS-PART-CONL	FAR Part 77 Conical Surface
C-AIRS-PART-TRNS	FAR Part 77 Transitional Surface
C-AIRS-PART-APRC	FAR Part 77 Approach Surface

Group: Cadastral

County
Polygon Accuracy: +/-50 Ft Sensitivity: Restricted

Boundary line of the land and water under the right, power, or authority of the county government. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-CNTY-	County Boundary

EasementsAndRightofWays
Polygon Accuracy: +/-0.5 Ft Sensitivity: Confidential

A parcel of land for which formal or informal deed easement rights exist [Source: SDSFIE (modified)]

Associated CADD Layers:

Layer Name	Description
C-PROP-ESMT-	Easements
C-PROP-RWAY-	Right of ways

V-PROP-ESMT-	Government easements/property lines
V-PROP-RWAY-	Right of ways

FAARegionArea

Polygon Accuracy: +/-40 Ft Sensitivity: Unclassified

This feature depicts the FAA regions. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-AIRF-FAAR-	FAA Region

LandUse *

Polygon Accuracy: +/-50 Ft Sensitivity: Confidential

A description of the human use of land and water [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-LUSE-	Land Use Area

LeaseZone

Polygon Accuracy: +/-0.5 Ft Sensitivity: Unclassified

A parcel of land leased by an individual, agency, or organization for their use. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-LEAS-	Lease line (surveyed)
A-PROP-LEAS-	Lease line (interior)
C-PROP-LEAS-	Lease line (exterior / ground lease)

Municipality *

Polygon Accuracy: +/-50 Ft Sensitivity: Restricted

Boundary line of the land and water under the right, power, or authority of the municipal government. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-MUNI-	Municipal Boundary

Parcel

Polygon Accuracy: +/- 1 Ft Sensitivity: Restricted

A single cadastral unit, which is the spatial extent of the past, present, and future rights and interests in real property and the geographic framework to support the description of the spatial extent. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-LINE-	Property lines (Existing recorded plats)
V-PROP-QTRS-	Quarter lines
V-PROP-SECT-	Section lines
V-PROP-SXTS-	Sixteenth lines (40 lines)

State Polygon Accuracy: +/-50 Ft Sensitivity: Restricted

Boundary line of the land and water under the right, power, or authority of the state government. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-STAT-	State Boundary

Zoning * Polygon Accuracy: +/-50 Ft Sensitivity: Restricted

A parcel of land zoned specifically for real estate and land management purposes; more specifically for commercial, residential, or industrial use. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-PROP-ZONG-	Zoning Areas

Group: Environmental

EnvironmentalContaminationArea Polygon Accuracy:+/- 10 Ft

Sensitivity: Restricted

A facility or other locational entity, (as designated by the Environmental Protection Agency) that is regulated or monitored because of environmental concerns. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
H-POLL-CONC-	Polluted area of concern
H-POLL-POTN-	Potential spill, emission, or release source

FaunaHazardArea Polygon Accuracy: +/-10 Ft Sensitivity: Restricted

An area where there are hazards due to wildlife activities. This includes bird aircraft strike hazard (BASH) areas, and deer strike areas. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-TOPO-SPEC-	Species Site

FloodZone * Polygon Accuracy: +/-10 Ft Sensitivity: Unclassified

Areas subject to 100-year, 500-year and minimal flooding [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-TOPO-FLZN-	Flood Zone

FloraSpeciesSite * Point Accuracy: +/-20 Ft Sensitivity: Unclassified

The specific location where an individual flora species or an aggregate of flora species has been identified [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
L-PLNT-CTNR-	Containers or planters
L-PLNT-PLTS-	Planting plants (e.g., ornamental annuals and perennials)
L-PLNT-TREE-	Trees (e.g., evergreen, deciduous, etc.)

ForestStandArea * Polygon Accuracy: +/-10 Ft Sensitivity: Confidential

A forest flora community with similar characteristics. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
L-DETL-GRAS-	Grass, sod
L-PLNT-BEDS-	Planting beds
L-PLNT-BUSH-	Bushes and shrubs (e.g., evergreen, deciduous)
L-PLNT-BUSH-LINE	Bush and shrub line
L-PLNT-GRND-	Groundcover and vines
L-PLNT-MLCH-	Mulches - organic and inorganic
L-PLNT-SPRG-	Sprigs
L-PLNT-TREE-LINE	Tree line
L-PLNT-TURF-	Lawn areas (turfing limits)
V-SITE-VEGE-	Existing treelines and vegetation

HazMatStorageSite Point Accuracy: +/-10 Ft Sensitivity: Unclassified

A defined or bounded geographical area designated and used for the storage of contained hazardous materials. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
H-STOR-HAZM-	Hazardous materials
H-STOR-HAZW-	Hazardous waste

NoiseContour * Polygon Accuracy: +/- 1 Ft Sensitivity: Confidential

An area that describes the noise attributed to operations. For aircraft operations, the Day/Night average sound level (Ldn) descriptor is typically used to categorize noise levels [Source: 14 CFR Part 150]

Associated CADD Layers:

Layer Name	Description
C-TOPO-AUZN-	Noise Contour/Zone

NoiseIncident * Point Accuracy: +/-10 Ft Sensitivity: Restricted

A formal complaint by an individual or group regarding excessive noise resulting from airport operations

Associated CADD Layers:

Layer Name	Description
C-TOPO-AUCO-	Noise Complaint

NoiseMonitoringPoint * Point Accuracy: +/-10 Ft Sensitivity: Restricted

The location of noise sensing equipment or where a noise sample is taken. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-TOPO-AUST-	Noise Monitoring Station

SampleCollectionPoint Point Accuracy: +/-10 Ft Sensitivity: Confidential

The physical location at which one or more environmental hazards field samples are collected. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-TOPO-BORE-	Boring locations
H-SAMP-AIRS-	Air samples
H-SAMP-BIOL-	Biological samples
H-SAMP-GWTR-	Ground water samples
H-SAMP-SEDI-	Sediment samples
H-SAMP-SOIL-	Soil samples
H-SAMP-SOLI-	Solid material samples
H-SAMP-SWTR-	Surface water samples
H-SAMP-WAST-	Waste samples
V-TOPO-BORE-	Boring locations

Shoreline * Line Accuracy: +/-10 Ft Sensitivity: Restricted

The boundary where land meets the edge of a large body of fresh or salt water. The shoreline is the mean high water line between high and low tide [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-DRED-OHWM-	Ordinary high water marks
C-TOPO-SHOR-	Shorelines, land features, and references
H-MNST-GWTR-	Ground water
H-MNST-SWTR-	Surface water
S-GRDL-WATR-	Water surface
V-SITE-EWAT-	Water features
V-SITE-WATR-	Water features
V-TOPO-SHOR-	Shorelines, land features, and references

Wetland * Polygon Accuracy: +/-10 Ft Sensitivity: Restricted

Transitional lands between terrestrial and aquatic systems where the water table is usually at or near the surface or the land is covered by shallow water. The soils are predominantly saturated with water and the plants and animals that live there are specialized for this ecosystem [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-TOPO-WETL-	Wetland

Group: Geotechnical

AirportControlPoint * Point Accuracy: +/-0.07Ft Sensitivity:Restricted

A control station established in the vicinity of, and usually on, an airport and tied to the National Spatial Reference System (NSRS) [Source: NGS]

Associated CADD Layers:

Layer Name	Description
C-TOPO-SPOT-	Spot elevations

V-SURV-DATA-	Survey data (benchmarks and horizontal control points or monuments)
V-TOPO-SPOT-	Spot elevations
C-TOPO-RNYE-	Runway centerline elevation point

CoordinateGridArea

Line Accuracy: +/- 1 Ft Sensitivity: Restricted

A regular pattern of horizontal and vertical lines used to represent regular coordinate intervals along the x and y axis. This grid line can be used to generate an arbitrary grid system that is common on locator maps. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-DETL-GRPH-	Graphics, gridlines, non-text items
C-GRID-FRAM-	Frame (bounding frame of an area referenced by a grid)
C-GRID-MAJR-	Major grid lines
C-GRID-MINR-	Minor grid lines
S-GRID-HORZ-	Primary grid lines (horizontal)
S-GRID-MSC-	Miscellaneous grid lines (Type 1)
S-GRID-MSC2-	Miscellaneous grid lines (Type 2)
S-GRID-MSC3-	Miscellaneous grid lines (Type 3)
S-GRID-MSC4-	Miscellaneous grid lines (Type 4)
S-GRID-VERT-	Primary grid lines (vertical)
V-GRID-FRAM-	Frame
V-GRID-MAJR-	Major grid lines
V-GRID-MINR-	Minor grid lines

ElevationContour

Line Accuracy: +/- 1 Ft Sensitivity: Restricted

Connecting points on the surface of the earth of equal vertical elevation representing some fixed elevation interval. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-TOPO-MAJR-	Major contours
C-TOPO-MINR-	Minor contours
V-TOPO-MAJR-	Major contours
V-TOPO-MAJR-IDEN	Major contours - annotation
V-TOPO-MINR-	Minor contours
V-TOPO-MINR-IDEN	Minor contours - annotation
C-TOPO-MINR-ONEF	Minor contours - One Foot Intervals
C-TOPO-MINR-TWOF	Minor contours - Two Foot Intervals

ImageArea

Polygon Accuracy: +/-20 Ft Sensitivity: Confidential

The image foot print or coverage area. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
V-AERI-BNDY-	Aerial photography boundaries

Group: Manmade Structures

Building *

Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A three dimensional permanent structure modeled with a bounding polygon. This feature includes all on-airport buildings within an Airport Parcel and any building in the vicinity of the airport that affects air navigation or airport design requirements [Source: FAA]

Associated CADD Layers:

Layer Name	Description
A-ELEV-OTLN-	Building outlines
C-BLDG-OTLN-	Buildings and other structures
G-PLAN-OTLN-	Floor outline/perimeter/building footprint
H-BLDG-OTLN-	Command posts, information centers
M-ELEV-OTLN-	Building outlines
V-BLDG-OTLN-	Buildings and other structures

ConstructionArea *

Polygon Accuracy: +/-10 Ft Sensitivity: Restricted

A defined area that is under construction, not intended for active use until authorized by the concerned authority. The area defines a boundary for personnel, material, and equipment engaged in the construction activity [Source: FAA]

Associated CADD Layers:

Layer Name	Description
A-STAT-DEMO-	Demolition
A-STAT-DEMO-PHS1	Demolition - phase 1
A-STAT-DEMO-PHS2	Demolition - phase 2
A-STAT-DEMO-PHS3	Demolition - phase 3
A-STAT-FUTR-	Future work
A-STAT-NEWW-	New work
A-STAT-TEMP-	Temporary work
C-PROP-CONS-	Construction limits/controls, staging area
C-STAT-DEMO-	Demolition
C-STAT-DEMO-PHS1	Demolition - phase 1
C-STAT-DEMO-PHS2	Demolition - phase 2
C-STAT-DEMO-PHS3	Demolition - phase 3
C-STAT-FUTR-	Future work
C-STAT-NEWW-	New work
C-STAT-TEMP-	Temporary work
E-STAT-DEMO-PHS1	Demolition - phase 1
E-STAT-DEMO-PHS2	Demolition - phase 2
E-STAT-DEMO-PHS3	Demolition - phase 3
F-STAT-DEMO-	Demolition (Note: comprehensive demolition is handled in Model File Type: Demolition Plan)
F-STAT-DEMO-PHS1	Demolition - phase 1
F-STAT-DEMO-PHS2	Demolition - phase 2
F-STAT-DEMO-PHS3	Demolition - phase 3
F-STAT-FUTR-	Future work
F-STAT-NEWW-	New work
F-STAT-TEMP-	Temporary work
G-SITE-OTLN-	Site plan - key map

H-STAT-DEMO-PHS1	Demolition - phase 1
H-STAT-DEMO-PHS2	Demolition - phase 2
H-STAT-DEMO-PHS3	Demolition - phase 3
L-STAT-DEMO-	Demolition (Note: comprehensive demolition is handled in Model File Type: Demolition Plan)
L-STAT-DEMO-PHS1	Demolition - phase 1
L-STAT-DEMO-PHS2	Demolition - phase 2
L-STAT-DEMO-PHS3	Demolition - phase 3
L-STAT-FUTR-	Future work
L-STAT-NEWW-	New work
L-STAT-TEMP-	Temporary work
M-STAT-DEMO-	Demolition
M-STAT-DEMO-PHS1	Demolition - phase 1
M-STAT-DEMO-PHS2	Demolition - phase 2
M-STAT-DEMO-PHS3	Demolition - phase 3
M-STAT-FUTR-	Future work
M-STAT-NEWW-	New work
M-STAT-TEMP-	Temporary work
P-FUEL-NGAS-	Natural gas piping
P-STAT-DEMO-	Demolition
P-STAT-DEMO-PHS1	Demolition - phase 1
P-STAT-DEMO-PHS2	Demolition - phase 2
P-STAT-DEMO-PHS3	Demolition - phase 3
P-STAT-FUTR-	Future work
P-STAT-NEWW-	New work
P-STAT-TEMP-	Temporary work
S-STAT-DEMO-	Demolition
S-STAT-DEMO-PHS1	Demolition - phase 1
S-STAT-DEMO-PHS2	Demolition - phase 2
S-STAT-DEMO-PHS3	Demolition - phase 3
S-STAT-FUTR-	Future work
S-STAT-NEWW-	New work
S-STAT-TEMP-	Temporary work
T-STAT-DEMO-PHS1	Demolition - phase 1
T-STAT-DEMO-PHS2	Demolition - phase 2
T-STAT-DEMO-PHS3	Demolition - phase 3
V-STAT-DEMO-	Demolition (Note: comprehensive demolition is handled in Model File Type: Demolition Plan)
V-STAT-FUTR-	Future work
V-STAT-NEWW-	New work
V-STAT-TEMP-	Temporary work

Fence * Line Accuracy: +/-10 Ft Sensitivity: Restricted

Any fencing (chain-link, razor wire, PVC, etc. [Source: FAA]

Associated CADD Layers:

Layer Name	Description
C-DETL-FENC-	Fencing

C-SITE-FENC-	Fences and handrails
L-DETL-FENC-	Fencing
L-SITE-FENC-	Fencing
S-SAFE-FENC-	Fencing
V-SITE-FENC-	Fences and handrails
C-DETL-FENC-SECU	Security Fencing

Gate *

Line Accuracy: +/-10 Ft Sensitivity: Restricted

The aircraft stand location defines the outermost location to where a parking stand area can accommodate a specific aircraft type [Source: RTCA DO-272]

Associated CADD Layers:

Layer Name	Description
L-DETL-GATE-	Gate
L-SITE-GATE-	Gate
C-SITE-GATE-	Gates along fences or other barriers intended to restrict access

Tower *

Point Accuracy: +/- 5 Ft Sensitivity: Restricted

An existing structure that was created, by man, to facilitate an activity at an elevated level above the ground. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-STRC-TOWR-	Tower
E-POLE-GUYS-	Guying equipment
V-POLE-GUYS-	Guying equipment
V-STRC-TOWR-	Tower

Group: Navigational Aids

NAVAIDCriticalArea *

Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A zone encompassing a specific ground area in the vicinity of a radiating antenna array which must be protected from parking and unlimited movement of surface and air traffic [Source: FAA Order 6750.16C]

Associated CADD Layers:

Layer Name	Description
C-AIRF-AIDS-CRIT	Airfield Navigational Aid - Critical Area

NAVAIDEquipment *

Point Accuracy: +/- 5 Ft Sensitivity: Unclassified

Any ground-based visual or electronic device that provides point to point guidance information or position to aircraft in flight. The location is specified by FAA Specification 405 [Source: FAA Specification 405]

Associated CADD Layers:

Layer Name	Description
C-AIRF-AIDS-OTHR	Other airfield navigational aides
C-AIRF-AIDS-SITE	Airfield Navigational Aid - Site
E-BCNS-MISC-	Miscellaneous NAVAIDs - windcones and beacons
E-BCNS-STRB-	Strobe beacons
V-BCNS-MISC-	Miscellaneous NAVAIDs - windcones and beacons
V-BCNS-STRB-	Strobe beacons

C-AIRF-AIDS-RADI	Radio airfield navigational aides
C-AIRF-AIDS-ILS_	Airfield Instrument Landing System
C-AIRF-AIDS-RADR	Radar airfield navigational aides
C-AIRF-AIDS-COMM	Communications airfield navigational aides
C-AIRF-AIDS-GPS_	GPS airfield navigational aides
C-AIRF-AIDS-MCWV	Microwave airfield navigational aides
C-AIRF-AIDS-WTHR	Weather airfield navigational aides
C-AIRF-AIDS-RMTE	Remote airfield navigational aides

NAVAIDSystem * Point Accuracy: +/- 5 Ft Sensitivity: Unclassified

A reference point to a grouping of NAVAIDS that together perform a common function.

Associated CADD Layers:

Layer Name	Description
C-AIRF-AIDS-SYST	NAVAID system

Group: SeaPlane

FloatingDockSite * Polygon Accuracy: +/-10 Ft Sensitivity: Unclassified

A floating facility which can serve as a mooring place for vessels or as a floating dry dock. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SEAP-DOCK-	Seaplane dock

NavigationBuoy * Point Accuracy: +/- 5 Ft Sensitivity: Unclassified

A floating marker which is moored to the bottom at a specific known location, which is used as an aid to navigation or for other special purpose. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SEAP-BUOY-	Seaplane navigation buoy

SeaplaneLandingArea * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

An area specifically designated for take-offs and landings of sea planes. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SEAP-LNDA-	Seaplane landing area

SeaplaneRampCenterline * Line Accuracy: +/- 5 Ft Sensitivity: Restricted

The centerline of ramps specifically designed to transit seaplanes from land to water and vice versa. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SEAP-RAMP-CNTR	Seaplane ramp centerline

SeaplaneRampSite * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

Ramps specifically designed to transit seaplanes from land to water and vice versa. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SEAP-RAMP-	Seaplane ramp site

Group: Security

SecurityIdentificationDisplayArea * PolygonAccuracy: +/- 5 Ft Sensitivity: Secret

Portions of an airport, specified in the airport security program, in which security measures required by regulation must be carried out. This area includes the security area and may include other areas of the airport. [Source: DHS]

Associated CADD Layers:

Layer Name	Description
C-AIRF-SECR-SIDA	Security Identification Display Area

Group: Surface Transportation

Bridge * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

A structure used by vehicles that allows passage over or under an obstacle such as a river, chasm, mountain, road or railroad. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-STRC-OTLN-	Bridges, piers, breakwaters, docks, floats, etc. - outlines
L-SITE-BRDG-	Bridges
M-MATL-CRAN-	Bridge cranes, jib cranes, and monorails
V-SITE-STRC-	Structures (bridges, sheds, foundation pads, footings, etc.)
V-STRC-OTLN-	Bridges, piers, breakwaters, docks, floats, etc. - outlines

DrivewayArea Polygon Accuracy: +/-10 Ft Sensitivity: Restricted

An access to a residence or other vehicle parking lot or storage area. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-ROAD-DRIV-	Driveway edge of pavement

DrivewayCenterline Line Accuracy: +/-10 Ft Sensitivity: Restricted

The center of the driveway as measured from the edge of the paved surface. The segments of a driveway centerline will coincide with the road segments in order to provide network connectivity. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-ROAD-DRIV-CNTR	Driveway centerline

ParkingLot Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

An area of an airport used for parking of automobiles, buses, etc. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-PKNG-ISLD-	Parking islands
C-PKNG-OTLN-	Parking lots

RailroadCenterline * Line Accuracy: +/- 5 Ft Sensitivity: Confidential

Represents the centerline of each pair of rails [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Associated CADD Layers:

Layer Name	Description
C-RAIL-CNTR-	Centerlines
C-RAIL-TRAK-	Railroads

RailroadYard * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

Represents a railroad yard [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Associated CADD Layers:

Layer Name	Description
C-RAIL-YARD-	Railroad Yard

RoadCenterline * Line Accuracy: +/- 5 Ft Sensitivity: Confidential

The center of the roadway as measured from the edge of the paved surface. The segments of a road centerline will coincide with the road segments in order to have similar characteristics. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-ROAD-CNTR-	Centerlines

RoadPoint * Point Accuracy: +/-10 Ft Sensitivity: Confidential

A point along the roadway system which has some special significance either for starting or ending a road segment or for representing a significant position along the roadway system such as the start or center of a bridge or the center of an intersection [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Associated CADD Layers:

Layer Name	Description
C-ROAD-POIN-	Road Point

RoadSegment * Polygon Accuracy: +/- 5 Ft Sensitivity: Confidential

Represents a linear section of the physical road system designed for, or the result of, human or vehicular movement; must be continuous (no gaps) and cannot branch; no mandates are provided on how to segment the road system except that data providers adopt a consistent method [Source: ANSI: Data Content Standards For Transportation Networks: Roads]

Associated CADD Layers:

Layer Name	Description
C-PROF-ROAD-	Roads
C-ROAD-CURB-	Curbs
C-ROAD-OTLN-	Roads
V-PROF-ROAD-	Roads

Sidewalk * Line Accuracy: +/-10 Ft Sensitivity: Restricted

A paved or concrete pad used as a pedestrian walkway. Usually is composed of one or more SideWalkSegments. [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
C-SITE-WALK-	Walks, trails and bicycle paths
L-SITE-WALK-	Walks and steps
V-SITE-WALK-	Walks, trails, and bicycle paths

Tunnel * Polygon Accuracy: +/- 5 Ft Sensitivity: Restricted

The area of a transportation passage, open at both ends, used to provide access through or under a natural obstacle [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
L-SITE-TUNL-	Tunnels

Group: Utilities

TankSite * Polygon Accuracy: +/- 3 Ft Sensitivity: Confidential

An above or below grade receptacle or chamber for holding anything (e.g., fuels, water, waste, etc.) on a temporary basis prior to transfer, use, or disposal. Tanks are located on TankSites [Source: SDSFIE]

Associated CADD Layers:

Layer Name	Description
L-DETL-TKST-	Tank Site

UtilityLine Line Accuracy: +/- 3 Ft Sensitivity: Top Secret

Any utility feature that can be represented as a line

Associated CADD Layers:

Layer Name	Description
C-FUEL-ABND-	Abandoned piping
C-FUEL-DEFL-	Defueling piping
C-FUEL-MAIN-	Main fuel piping
C-FUEL-SERV-	Service piping

C-FUEL-TRCH-	Fuel line trench
C-NGAS-ABND-	Abandoned piping
C-NGAS-MAIN-	Main natural gas piping
C-NGAS-SERV-	Service piping
C-PROF-PIPE-	Piping
C-SSWR-ABND-	Abandoned piping
C-SSWR-MAIN-	Sanitary sewer piping
C-SSWR-SERV-	Sanitary sewer service piping
C-STRM-ABND-	Abandoned piping
C-STRM-HDWL-	Headwalls and endwalls
C-STRM-MAIN-	Storm sewer piping
C-STRM-ROOF-	Roof drain line
C-STRM-SERV-	Storm sewer service piping
C-STRM-SUBS-	Subsurface drain piping
E-AIRF-DUCT-	Ductbanks
E-CABL-COAX-	Coax cable
E-CABL-FIBR-	Fiber optics cable
E-CABL-MULT-	Multi-conductor cable
E-CABL-TRAY-	Cable trays and wireways
E-CIRC-CTRL-	Control and monitoring circuits
E-CIRC-MULT-	Multiple circuits
E-CIRC-SERS-	Series circuits
E-COMM-OVHD-	Overhead communications/telephone lines
E-COMM-UNDR-	Underground communications/telephone lines
E-DUCT-MULT-	Ductbank
E-GRND-CIRC-	Circuits
E-LITE-CIRC-	Lighting circuits (including crosslines and homeruns)
E-POWR-CIRC-	Power circuits (including crosslines and homeruns)
E-PRIM-OVHD-	Overhead electrical utility lines
E-PRIM-UNDR-	Underground electrical utility lines
E-SECD-OVHD-	Overhead electrical utility lines
E-SECD-UNDR-	Underground electrical utility lines
F-AFFF-PIPE-	Piping
F-CO2S-PIPE-	CO2 piping or CO2 discharge nozzle piping
F-HALN-PIPE-	Halon piping
F-IGAS-PIPE-	Inert gas piping
F-PROT-HOSE-	Fire hoses
F-SPRN-PIPE-	Sprinkler piping
F-WATR-PIPE-	Piping
L-DETL-WIRE-	Wiring
L-IRRG-PIPE-	Piping
M-ACID-PIPE-	Acid, alkaline, and oil waste piping
M-ACID-VENT-	Acid, alkaline, and oil waste vent piping
M-AFRZ-PIPE-	Anti-freeze piping
M-AFRZ-WAST-	Waste anti-freeze piping
M-BRIN-PIPE-	Brine system piping
M-CHEM-PIPE-	Piping (includes fittings, valves)
M-CNDW-PIPE-	Condenser water piping

M-COND-PIPE-	Condensate piping (includes fittings, valves)
M-CONT-WIRE-	Low voltage wiring
M-CWTR-PIPE-	Piping (includes fittings, valves)
M-DETL-PIPE-	Piping
M-DETL-WIRE-	Electrical wiring
M-DUAL-PIPE-	Piping (includes fittings, valves)
M-GTHP-PIPE-	Piping (includes fittings, valves)
M-HTCW-ABND-	Abandoned piping
M-HTCW-CHLL-	Main chilled water piping
M-HTCW-CHLS-	Chilled water service piping
M-HTCW-HTPL-	Main high temperature piping
M-HTCW-HTPS-	High temperature service piping
M-HTCW-LTPL-	Main low temperature piping
M-HTCW-LTPS-	Low temperature service piping
M-HTCW-STML-	Main steam piping
M-HTCW-STMS-	Steam service piping
M-HVAC-RETN-	Return ductwork
M-HVAC-SUPP-	Supply ductwork
M-HYDR-PIPE-	Hydraulic system piping
M-INSL-PIPE-	Insulating oil piping
M-LUBE-PIPE-	Lubrication oil piping
M-PROC-PIPE-	Process piping
M-RCOV-PIPE-	Piping (includes fittings, valves)
M-REFG-PIPE-	Piping (includes fittings, valves)
M-RWTR-PIPE-	Raw water piping
M-STEM-PIPE-	Steam piping
P-CMPA-PIPE-	Piping
P-FUEL-FGAS-	Fuel gas piping
P-FUEL-FOIL-	Fuel oil piping
P-LGAS-PIPE-	Piping
P-MDGS-PIPE-	Piping
P-SANR-COND-	Condensate piping
P-SANR-PIPE-	Piping
P-SANR-VENT-	Vent piping
P-STRM-PIPE-	Storm drain piping
T-CABL-TRAY-	Cable trays and wireways
V-AIRF-DUCT-	Ductbanks
V-CIRC-CTRL-	Control and monitoring circuits
V-CIRC-MULT-	Multiple circuits
V-CIRC-SERS-	Series circuits
V-COMM-OVHD-	Overhead communications/telephone lines
V-COMM-UNDR-	Underground communications/telephone lines
V-DUCT-MULT-	Ductbank
V-ELEC-VALT-	Vaults
V-FUEL-ABND-	Abandoned piping
V-FUEL-DEFL-	Defueling piping
V-FUEL-MAIN-	Main fuel piping
V-FUEL-SERV-	Service piping

V-FUEL-TRCH-	Fuel line trench
V-GTHP-PIPE-	Piping (includes fittings, valves)
V-HTCW-ABND-	Abandoned piping
V-HTCW-CHLL-	Main chilled water piping
V-HTCW-CHLS-	Chilled water service piping
V-HTCW-HTPL-	Main high temperature piping
V-HTCW-HTPS-	High temperature service piping
V-HTCW-LTPL-	Main low temperature piping
V-HTCW-LTPS-	Low temperature service piping
V-HTCW-STML-	Main steam piping
V-HTCW-STMS-	Steam service piping
V-NGAS-ABND-	Abandoned piping
V-PRIM-OVHD-	Overhead electrical utility lines
V-PRIM-UNDR-	Underground electrical utility lines
V-PROF-PIPE-	Piping
V-SECD-OVHD-	Overhead electrical utility lines
V-SECD-UNDR-	Underground electrical utility lines
V-SSWR-ABND-	Abandoned piping
V-SSWR-MAIN-	Sanitary sewer piping
V-SSWR-SERV-	Sanitary sewer service piping
V-STRM-ABND-	Abandoned piping
V-STRM-MAIN-	Storm sewer piping
V-STRM-SUBS-	Subsurface drain piping
V-UTIL-ELEC-	Power lines, lights, telephone poles, communication lines
V-UTIL-STEM-	Steam lines
V-UTIL-STRM-	Storm sewer lines, culverts, manholes, and headwalls
V-UTIL-WATR-	Water lines, hydrants, tanks

UtilityPoint

Point Accuracy: +/- 3 Ft Sensitivity: Top Secret

Any utility feature that can be represented as a point

Associated CADD Layers:

Layer Name	Description
C-DETL-TANK-	Tanks
C-FUEL-DEVC-	Air eliminators, filter strainers, hydrant fill points, line vents, markers, oil/water separators, reducers, regulators, and valves
C-FUEL-FTTG-	Caps, crosses, and tees
C-FUEL-HYDR-	Hydrant control pits
C-FUEL-JBOX-	Junction boxes, manholes, handholes, test boxes
C-FUEL-METR-	Meters
C-FUEL-PUMP-	Booster pump stations
C-FUEL-TANK-	Fuel tanks
C-FUEL-VENT-	Vent pits
C-FUEL-VLVE-	Valve pits
C-NGAS-DEVC-	Hydrant fill points, lights, vents, markers, rectifiers, reducers, regulators, sources, tanks, drip pots, taps, and valves
C-NGAS-FTTG-	Caps, crosses, and tees
C-NGAS-METR-	Meters

C-NGAS-PUMP-	Compressor stations
C-NGAS-REDC-	Reducing stations
C-NGAS-VENT-	Vent pits
C-NGAS-VLVE-	Valve pits/boxes
C-SSWR-DEVC-	Grease traps, grit chambers, flumes, neutralizers, oil/water separators, ejectors, and valves
C-SSWR-FILT-	Filtration beds
C-SSWR-FTTG-	Caps and cleanouts
C-SSWR-JBOX-	Junction boxes and manholes
C-SSWR-PUMP-	Booster pump stations
C-SSWR-TANK-	Septic tanks
C-STRM-CULV-	Culverts
C-STRM-DEVC-	Downspouts, flumes, oil/water separators, and flap gates
C-STRM-EROS-	Erosion control (riprap)
C-STRM-FMON-	Flow monitoring station
C-STRM-FTTG-	Caps and cleanouts
C-STRM-INLT-	Inlets (curb, surface, and catch basins)
C-STRM-MHOL-	Manholes
C-STRM-PUMP-	Pump stations
C-STRM-STRC-	Storm drainage, headwalls, inlets, manholes, culverts, and drainage structures
E-AIRF-DEVC-	Capacitors, voltage regulators, motors, buses, generators, meters, grounds, and markers
E-AIRF-JBOX-	Junction boxes, pull boxes, manholes, handholes, pedestals, splices
E-CATH-ANOD-	Sacrificial anode system
E-CATH-CURR-	Impress current system
E-CATH-TEST-	Test stations
E-COMM-EQPM-	Other communications distribution equipment
E-COMM-JBOX-	Communication junction boxes, pull boxes, manholes, handholes, pedestals, splices
E-ELEC-DEVC-	Capacitors, voltage regulators, motors, buses, generators, meters, grounds, and markers
E-ELEC-JBOX-	Junction boxes, pull boxes, manholes, handholes, pedestals, splices
E-ELEC-SUBS-	Other substation equipment
E-ELEC-SWCH-	Fuse cutouts, pole mounted switches, circuit breakers, gang operated disconnects, reclosers, cubicle switches
E-ELEC-VALT-	Vaults
E-GRND-EQUI-	Equipotential ground system
E-GRND-REFR-	Reference ground system
E-LITE-EMER-	Emergency fixtures (outline of light (if ceiling mounted) should go on E-LITE-CLNG)
E-LITE-EXIT-	Exit fixtures (outline of light (if ceiling mounted) should go on E-LITE-CLNG)
E-LITE-EXTR-	Exterior lights
E-LITE-JBOX-	Junction boxes
E-LITE-PANL-	Main distribution panels, switchboards, lighting panels
E-LITE-SPCL-	Special fixtures

E-LITE-SWCH-	Lighting contactors, photoelectric controls, low-voltage lighting controls, etc.
E-LITE-WALL-	Wall mounted fixtures
E-LTNG-COND-	Lightning protection conductors
E-LTNG-TERM-	Lightning protection terminals
E-POLE-UTIL-	Utility poles
E-POWR-BUSW-	Busways and wireways
E-POWR-CABL-	Cable trays
E-POWR-FEED-	Feeders
E-POWR-GENR-	Generators and auxiliary equipment
E-POWR-JBOX-	Junction boxes
E-POWR-PANL-	Panelboards, switchboards, MCC, unit substations
E-POWR-SWCH-	Disconnect switches, motor starters, contactors, etc.
E-SERT-BURD-	Buried sensors
E-SERT-UNDR-	Buried sensors
E-SPCL-JBOX-	Junction boxes
E-SPCL-PANL-	Panelboards, backing boards, patch panel racks
E-SPCL-SYST-	Special systems (UMCS, EMCS, CATV, etc.)
E-TRAN-PADM-	Pad mounted transformers
E-TRAN-POLE-	Pole mounted transformers
F-AFFF-EQPM-	Equipment
F-ALRM-INDC-	Indicating appliances
F-ALRM-MANL-	Manual fire alarm pull stations
F-ALRM-PHON-	Fire service or emergency telephone stations
F-CO2S-EQPM-	Equipment
F-CTRL-PANL-	Control panels
F-HALN-EQPM-	Halon equipment
F-IGAS-EQPM-	Inert gas equipment
F-LITE-EMER-	Emergency fixtures
F-LITE-EXIT-	Exit fixtures
F-LSFT-EGRE-	Egress requirements designator
F-LSFT-OCCP-	Occupant load for egress capacity
F-WATR-CONN-	Fire department connections
F-WATR-HYDR-	Hydrants
F-WATR-PUMP-	Fire pumps
H-DECN-EQPM-	Decontamination equipment
H-DISP-TANK-	Spill containment tanks
L-DETL-VLVE-	Valves, fittings
L-IRRG-SPKL-	Sprinklers
M-ACID-EQPM-	Acid, alkaline, and oil waste equipment
M-BRIN-EQPM-	Brine system equipment
M-CHEM-EQPM-	Equipment
M-CNDW-EQPM-	Condenser water equipment
M-CONT-THER-	Thermostats, controls, instrumentation, and sensors
M-CWTR-EQPM-	Equipment
M-DETL-BOIL-	Boilers
M-DETL-COIL-	Coils and fin tubes
M-DETL-DUCT-	Ducts

M-DETL-EQPT-	Equipment and fixtures
M-DETL-FANS-	Fans
M-DETL-PUMP-	Pumps and compressors
M-DETL-TANK-	Tanks
M-DETL-TRAP-	Traps and drains
M-DETL-VENT-	Vents
M-DETL-VLVE-	Valves and fittings
M-DUAL-EQPM-	Equipment
M-DUST-DUCT-	Dust and fume ductwork
M-DUST-EQPM-	Dust and fume collection equipment
M-GTHP-EQPM-	Equipment
M-HTCW-CHLP-	Chilled water plant
M-HTCW-DEVC-	Rigid anchors, anchor guides, rectifiers, reducers, markers, meters, pumps, regulators, tanks, and valves
M-HTCW-FTTG-	Caps and flanges
M-HTCW-HTPP-	High temperature water plant
M-HTCW-JBOX-	Junction boxes, manholes, handholes, test boxes
M-HTCW-PITS-	Valve pits/vaults, steam pits
M-HTCW-PUMP-	Pump stations
M-HTCW-RTRN-	Return for all HTCW lines
M-HVAC-DAMP-	Fire and smoke dampers
M-HVAC-EQPM-	Air system equipment
M-HVAC-ROOF-	Roof mounted HVAC equipment
M-HWTR-EQPM-	Equipment
M-HWTR-PIPE-	Piping (includes fittings, valves)
M-HYDR-EQPM-	Hydraulic system equipment
M-INSL-EQPM-	Insulating oil equipment
M-LUBE-EQPM-	Lubrication oil equipment
M-MACH-BASE-	Machinery bases
M-MATL-LIFT-	Miscellaneous lifting equipment
M-PROC-EQPM-	Equipment
M-RCOV-EQPM-	Equipment
M-REFG-EQPM-	Equipment
M-RWTR-EQPM-	Raw water equipment
M-STEM-EQPM-	Equipment
P-CMPA-EQPM-	Equipment
P-FUEL-EQPM-	Equipment
P-LGAS-EQPM-	Equipment
P-MDGS-EQPM-	Equipment
P-SANR-EQPM-	Equipment (e.g., sand/oil/water separators)
P-SANR-FLDR-	Floor drains, sinks, and cleanouts
S-BRAC-VERT-	Vertical bracing
S-GRAT-SUBS-	Subsurface grating
S-PIPE-GATE-	Gates (flap gates, sluice gates, other)
T-CABL-COAX-	Coax cable
T-CABL-FIBR-	Fiber optics cable
T-CABL-MULT-	Multi-conductor cable
T-COMM-JBOX-	Junction boxes

T-EQPM-COPP-	Distribution equipment for copper
T-EQPM-FIBR-	Distribution equipment for fiber optic
T-EQPM-OTHR-	Other telecommunications equipment
T-JACK-DATA-	Data/LAN jacks
T-JACK-PHON-	Telephone jacks
V-AIRF-DEVC-	Capacitors, voltage regulators, motors, buses, generators, meters, grounds, and markers
V-AIRF-JBOX-	Junction boxes, pull boxes, manholes, handholes, pedestals, splices
V-CATH-ANOD-	Sacrificial anode system
V-CATH-CURR-	Impress current system
V-CATH-TEST-	Test stations
V-COMM-EQPM-	Other communications distribution equipment
V-COMM-JBOX-	Communication junction boxes, pull boxes, manholes, handholes, pedestals, splices
V-ELEC-DEVC-	Capacitors, voltage regulators, motors, buses, generators, meters, grounds, and markers
V-ELEC-JBOX-	Junction boxes, pull boxes, manholes, handholes, pedestals, splices
V-ELEC-SUBS-	Other substation equipment
V-ELEC-SWCH-	Fuse cutouts, pole mounted switches, circuit breakers, gang operated disconnects, reclosers, cubicle switches
V-FUEL-DEVC-	Air eliminators, filter strainers, hydrant fill points, line vents, markers, oil/water separators, reducers, regulators, and valves
V-FUEL-FTTG-	Caps, crosses, and tees
V-FUEL-HYDR-	Hydrant control pits
V-FUEL-JBOX-	Junction boxes, manholes, handholes, test boxes
V-FUEL-METR-	Meters
V-FUEL-PUMP-	Booster pump stations
V-FUEL-TANK-	Fuel tanks
V-FUEL-VENT-	Vent pits
V-FUEL-VLVE-	Valve pits
V-GTHP-EQPM-	Equipment
V-HTCW-CHLP-	Chilled water plant
V-HTCW-DEVC-	Rigid anchors, anchor guides, rectifiers, reducers, markers, meters, pumps, regulators, tanks, and valves
V-HTCW-FTTG-	Caps and flanges
V-HTCW-HTPP-	High temperature water plant
V-HTCW-JBOX-	Junction boxes, manholes, handholes, test boxes
V-HTCW-PITS-	Valve pits/vaults, steam pits
V-HTCW-PUMP-	Pump stations
V-HTCW-RTRN-	Return for all HTCW lines
V-LITE-FIXT-	Exterior Lights
V-NGAS-DEVC-	Hydrant fill points, lights, vents, markers, rectifiers, reducers, regulators, sources, tanks, drip pots, taps, and valves
V-NGAS-FTTG-	Caps, crosses, and tees
V-NGAS-METR-	Meters
V-NGAS-PUMP-	Compressor stations
V-NGAS-REDC-	Reducing stations

V-NGAS-VENT-	Vent pits
V-NGAS-VLVE-	Valve pits/boxes
V-POLE-UTIL-	Utility poles
V-PROF-MHOL-	Manholes
V-SPCL-SYST-	Special systems (UMCS, EMCS, CATV, etc.)
V-SSWR-DEVC-	Grease traps, grit chambers, flumes, neutralizers, oil/water separators, ejectors, and valves
V-SSWR-FILT-	Filtration beds
V-SSWR-FTTG-	Caps and cleanouts
V-SSWR-JBOX-	Junction boxes and manholes
V-SSWR-PUMP-	Booster pump stations
V-SSWR-TANK-	Septic tanks
V-STRM-CHUT-	Chutes and concrete erosion control structures
V-STRM-CULV-	Culverts
V-STRM-DEVC-	Downspouts, flumes, oil/water separators, and flap gates
V-STRM-EROS-	Erosion control (riprap)
V-STRM-FMON-	Flow monitoring station
V-STRM-FTTG-	Caps and cleanouts
V-STRM-HDWL-	Headwalls and endwalls
V-STRM-INLT-	Inlets (curb, surface, and catch basins)
V-STRM-MHOL-	Manholes
V-STRM-PUMP-	Pump stations
V-TRAN-PADM-	Pad mounted transformers
V-TRAN-POLE-	Pole mounted transformers
V-UTIL-LINE-	Utilities
V-UTIL-NGAS-	Gas lines, features, and valves
V-UTIL-SSWR-	Sanitary lines and manholes
E-SPCL-SRFS-	Surface Sensor System
T-COMM-ANTN-	Telecommunications antennae
C-SITE-SECU-CMRA	Security camera locations outside of buildings

UtilityPolygon

Polygon Accuracy: +/- 3 Ft Sensitivity: Top Secret

Any utility feature that can be represented as a polygon

Associated CADD Layers:

Layer Name	Description
C-SSWR-LAGN-	Lagoons
C-SSWR-LEAC-	Leach field
C-SSWR-NITF-	Nitrification drain fields
C-SSWR-PLNT-	Treatment plants
C-STRM-AFFF-	AFFF lagoon/detention pond
C-STRM-CHUT-	Chutes and concrete erosion control structures
C-STRM-LAGN-	Lagoons, ponds, watersheds, and basins
E-AIRF-VALT-	Airfield lighting vaults
E-COMM-VALT-	Communications vault
V-COMM-VALT-	Communications vault
V-SSWR-LAGN-	Lagoons
V-SSWR-LEAC-	Leach field

V-SSWR-NITF-	Nitrification drain fields
V-SSWR-PLNT-	Treatment plants
V-STRM-AFFF-	AFFF lagoon/detention pond
V-STRM-LAGN-	Lagoons, ponds, watersheds, and basins

Section 3-4: Metadata Elements

This appendix list the metadata elements defined in this standard. These elements have been extracted from ISO's Geographic Information – Metadata standard (ISO 19115). For each element, the name, type, description and ISO information are provided. Also provided, are indicators as to which level(s) of metadata the element can be applied.

CATEGORY: Overview (1)

status CodeList *Applies to: Collections Classes Attrib.*
Description: Status of the data being submitted. Acceptable values are (completed, histroicalArchive, obsolete, onGoing, planned, required, under development)
ISO *idStatus (28)*
ISO Definition: *status of the resource(s)*

geometricObjectCount Integer *Applies to: Collections Classes .*
Description: Number of feature instances being transmitted
ISO *geoObjCnt (185)*
ISO Definition: *Total number of the point or vector object type occurring in the dataset*

abstract String (254) *Applies to: Collections Classes Attrib.*
Description: Description of the contents of the data collection being submitted
ISO *idAbs (25)*
ISO Definition: *brief narrative summary of the content of the resource(s)*

CATEGORY: Usage (62)

specificUsage String (254) *Applies to: Collections Classes Attrib.*
Description: Description of how the data should be used
ISO *specUsage (63)*
ISO Definition: *brief description of the resource and/or resource series usage*

BegusageDateTime See ISO 8601 *Applies to: Collections Classes Attrib.*
Description: The first date/time for which the data described by the scope is valid
ISO *usageDate (64)*
ISO Definition: *date and time of the first use or range of uses of the resource and/or resource series*

endUsageDateTime See ISO 8601 *Applies to: Collections Classes Attrib.*
Description: The last date/time for which the data described by the scope is valid
ISO *usageDate (64)*
ISO Definition:

CATEGORY: Source (92)

city string (50) *Applies to: Collections*
Description: City
ISO *city (382)*
ISO Definition: *city of the location*

statement String (254) *Applies to: Collections*
Description: Description of the source of the data
ISO *statement (83)*
ISO Definition: *general explanation of the data producer's knowledge about the lineage of the dataset*

individualName String (50) *Applies to: Collections*
Description: Name of the person submitting the data
ISO *rpIndName (375)*
ISO Definition: *name of the responsible person- surname, given name, title separated by a delimiter*

organizationName String (75) *Applies to: Collections*
Description: Organization of the person submitting the data
ISO *rpOrgName (376)*
ISO Definition: *name of the responsible organization*

deliveryPoint String (254) *Applies to: Collections*
Description: Street address of the person submitting the data
ISO *delPoint (381)*
ISO Definition: *address line for the location (as described in ISO 11180, Annex A)*

administrativeArea string (20) *Applies to: Collections*
Description: State
ISO *adminArea (383)*
ISO Definition: *state, province of the location*

postalCode string (10) *Applies to: Collections*
Description: Zip Code
ISO *postCode (384)*
ISO Definition: *ZIP or other postal code*

electronicMailAddress String (50) *Applies to: Collections*
Description: e-Mail address
ISO *eMailAdd (386)*
ISO Definition: *address of the electronic mailbox of the responsible organization or individual*

voice String (20) *Applies to: Collections*
Description: Phone
ISO *voiceNum (388)*
ISO Definition: *telephone number by which individuals can speak to the responsible organization or*

positionName String (30) *Applies to: Collections*
Description: Title of the person submitting the data
ISO *rpPosName (377)*
ISO Definition: *role or position of the responsible person*

CATEGORY: Data Quality (99)

evalutionMethodDescription String (254) *Applies to: Collections Classes Attrib.*

Description: Description of the evaluation method used
ISO *evalMethDesc (104)*
ISO Definition: *description of the evaluation method*

pass Boolean *Applies to: Collections Classes Attrib.*

Description: Indication of whether data described by the scope passed or failed in evaluation
ISO *conPass (132)*
ISO Definition: *indication of the conformance result where 0=fail or 1=pass*

title String (20) *Applies to: Collections Classes Attrib.*

Description: Name of the evaluation method used
ISO *resTitle (360)*
ISO Definition: *name by which the cited resource is known*

CATEGORY: Scope (149)

dataset String *Applies to: Collections*

Description: List of feature classes to which the metadata pertains (separated by commas)
ISO *datasetSet (154)*
ISO Definition: *dataset to which the information applies*

features String *Applies to: Collections Classes*

Description: List of feature names to which the metadata pertains (separated by commas)

ISO *featSet (151)*
ISO Definition: *features to which the information applies*

attributes See ISO *Applies to: Attrib.*

Description: List of attribute names to which the metadata pertains (separated by commas)
ISO *attribSet (150)*
ISO Definition: *Attributes to which the information applies*

CATEGORY: Coordinate System (189)

projection RS_Identifier *Applies to: Collections Classes*

Description: Name of the projection used (SPCS, LL)
ISO *projection (190)*
ISO Definition: *identity of the projection used*

datum RS_Identifier *Applies to: Collections Classes*

Description: Horizontal datum of submitted data (NAD27, NAD83 or WGS84)
ISO *datum (192)*
ISO Definition: *identify of the datum used*

code String (4) *Applies to: Collections Classes*

Description: Four digit code for the state place coordinate system used. A list of codes can be found in NOAA manual NOS NGS 5.
ISO *identCode (207)*
ISO Definition: *alphanumeric value indicating an instance in the namespace*

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Appendix 4 – Truncated Attribute Values to be Used with ESRI® Shapefiles

Note: When submitting data as ESRI® shapefiles (geodatabase is not acceptable), the truncated attribute values in the Table A4-1 below must be used. Table A4-1 includes truncated values for all features identified in Part 2, Chapter 10, and Appendix 3, Section 3-1, of this AC.

FeatureClass	AttributeName	Shp_Name
AircraftDeicingArea	aircraftdeicingarea_id	aircraf_id
	name	name
	area_desc	area_desc
	user_flag	user_flag
	meta_id	meta_id
AircraftGateStand	acpark_id	acpark_id
	feat_name	feat_name
	feat_desc	feat_desc
	gate_stand_type_d	gate_sta_d
	pavementClassificationNumber	pavementCl
	wingpan	wingpan
	status_d	status_d_d
	feat_width	feat_width
	feat_len	feat_len
	user_flag	user_flag
	meta_id	meta_id
AircraftNonMovementArea	aircraftnonmovementarea_id	acnonmv_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
AirfieldLight	light_id	light_id
	name	name
	feat_desc	feat_desc
	lightingType_d	lighting_d
	color_d	color_d_d
	luminesc	luminesc
	pilotControlFrequency	pilotContr
	user_flag	user_flag
	meta_id	meta_id
AirfieldLinearFeatureSafetyLine	safety_id	safety_id
	fac_typ_d	fac_typ_d
	user_flag	user_flag
	meta_id	meta_id
	status_d	status_d_d
AirOperationsArea	airoperationsarea_id	airoper_id
	user_flag	user_flag
	meta_id	meta_id
AirportBoundary	airfld_id	airfld_id

FeatureClass	AttributeName	Shp_Name
	faaSiteNr	faaSiteNr
	LndFacTypeCode	LndFacType
	faaLocID	faaLocID
	iataCode	iataCode
	icaoCode	icaoCode
	feat_name	feat_name
	feat_desc	feat_desc
	airportFacilityType_d	airportF_d
	operationsType_d	operatio_d
	owner_d	owner_d_d
	user_flag	user_flag
	meta_id	meta_id
AirportControlPoint	monumnt_id	monumnt_id
	permanentId	permanentI
	pointType_d	pointTyp_d
	feat_name	feat_name
	mon_typ_d	mon_typ_d
	mon_desc	mon_desc
	elevation	elevation
	ellipsoidElevation	ellipsoidE
	latitude	latitude
	longitude	longitude
	yearOfSurvey	yearOfSurv
	date_recov	date_recov
	recov_cond	recov_cond
	fld_book	fld_book
	gps_suit_d	gps_suit_d
	spcszone_d	spcszone_d
	stmpd_desg	stmpd_desg
	epoch	epoch
	user_flag	user_flag
	meta_id	meta_id
AirportParcel	airportparcel_id	airport_id
	authority	authority
	name	name
	feat_desc	feat_desc
	acquisitionType	acquisitio
	costToAcquire	costToAcqu
	dateAcquired	dateAcquir
	grantProjectNumber	grantProje
	howAcquired	howAcquire
	landUse	landUse
	marketValue	marketValu
	yearAssessed	yearAssess

FeatureClass	AttributeName	Shp_Name
	yearBuilt	yearBuilt
	user_flag	user_flag
	meta_id	meta_id
AirportSign	feature_id	feature_id
	signTypeCode_d	signType_d
	message	message
	feat_desc	feat_desc
	feat_ht	feat_ht
	user_flag	user_flag
	meta_id	meta_id
AirwayLine	airway_id	airway_id
	name	name
	feat_desc	feat_desc
	ops_typ_d	ops_typ_d
	route_len	route_len
	user_flag	user_flag
	meta_id	meta_id
Apron	air_sur_id	air_sur_id
	apronType_d	apronTyp_d
	feat_name	feat_name
	feat_desc	feat_desc
	tiedowns	tiedowns
	status_d	status_d_d
	surfaceType_d	surfaceT_d
	surfaceMaterial_d	surfaceM_d
	pavementClassificationNumber	pavementCl
	surfaceCondition_d	surfaceC_d
	user_flag	user_flag
	meta_id	meta_id
Bridge	bridge_id	bridge_id
	feat_name	feat_name
	narrative	narrative
	brdg_typ_d	brdg_typ_d
	vert_clr	vert_clr
	brdg_ht	brdg_ht
	brdg_len	brdg_len
	lightingType_d	lighting_d
	markingFeatureType_d	markingF_d

FeatureClass	AttributeName	Shp_Name
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id
Building	buildng_id	buildng_id
	buildng_no	buildng_no
	name	name
	narrative	narrative
	str_type_d	str_type_d
	str_stat_d	str_stat_d
	no_occup	no_occup
	areaInside	areaInside
	structHght	structHght
	areaFloor	areaFloor
	lightingType_d	lighting_d
	markingFeatureType_d	markingF_d
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id
ConstructionArea	conproj_id	conproj_id
	const_name	const_name
	const_desc	const_desc
	projectName	projectNam
	projectStatus_d	projectS_d
	CoordinationContact	Coordinati
	user_flag	user_flag
	meta_id	meta_id
CoordinateGridArea	cmgrd_id	cmgrd_id
	name	name
	meta_id	meta_id
	user_flag	user_flag
County	juris_id	juris_id
	polit_name	polit_name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
DisplacedThreshold	displacedthreshold_id	displac_id
	pointType_d	pointTyp_d
	elevation	elevation
	ellipsoidElevation	ellipsoidE
	latitude	latitude
	longitude	longitude
	user_flag	user_flag
	meta_id	meta_id
Door	door_id	door_id
	name	name
	feat_desc	feat_desc
	door_desgn	door_desgn

FeatureClass	AttributeName	Shp_Name
	eqp_typ_d	eqp_typ_d
	fire_b	fire_b
	fire_time	fire_time
	secure_b	secure_b
	user_flag	user_flag
	meta_id	meta_id
DrivewayArea	drvway_id	drvway_id
	surf_mat_d	surf_mat_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
DrivewayCenterline	drivewaycenterline_id	drivewa_id
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
EasementsAndRightOfWays	easementsandrightofways_id	easemen_id
	name	name
	feat_desc	feat_desc
	status_d	status_d_d
	purpose	purpose
	user_flag	user_flag
	meta_id	meta_id
ElevationContour	contour_id	contour_id
	elevation	elevation
	feat_len	feat_len
	user_flag	user_flag
	meta_id	meta_id
Elevator	elevator_id	elevato_id
	name	name
	feat_desc	feat_desc
	elev_typ_d	elev_typ_d
	eqp_typ_d	eqp_typ_d
	no_floors	no_floors
	secure_b	secure_b
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
EnvironmentalContaminationArea	sitaoc_id	sitaoc_id
	site_name	site_name
	ehazcat_d	ehazcat_d
	rel_typ_d	rel_typ_d
	severity_d	severity_d
	rem_urg_d	rem_urg_d
	tox_stt_d	tox_stt_d
	pstatus_d	pstatus_d
	date_found	date_found
	cause_d	cause_d_d
	pol_src_d	pol_src_d
	src_desc	src_desc
	user_flag	user_flag
	meta_id	meta_id
FAARegionArea	region_id	region_id
	reg_name	reg_name
	reg_desc	reg_desc
	user_flag	user_flag
	meta_id	meta_id
FaunaHazardArea	hazard_id	hazard_id
	haz_typ_d	haz_typ_d
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
Fence	fence_id	fence_id
	fenc_typ_d	fenc_typ_d
	narrative	narrative
	fence_ht	fence_ht
	user_flag	user_flag
	meta_id	meta_id
FlightTrackLine	track_id	track_id
	flight_no	flight_no
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
FlightTrackPoint	flighttrackpoint_id	flightt_id
	flight_no	flight_no
	feat_desc	feat_desc
	latitude	latitude
	longitude	longitude
	altitude	altitude
	user_flag	user_flag
	meta_id	meta_id
FloatingDockSite	floatingdocksite_id	floatin_id

FeatureClass	AttributeName	Shp_Name
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
FloodZone	fld_zon_id	fld_zon_id
	zone_type_d	zone_typ_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
Floor	floor_id	floor_id
	floorname	floorname
	floor_ua	floor_ua
	user_flag	user_flag
	meta_id	meta_id
FloraSpeciesSite	species_id	species_id
	plnt_typ_d	plnt_typ_d
	plant_ht	plant_ht
	hab_stt	hab_stt
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
ForestStandArea	flmspc_id	flmspc_id
	habcat_d	habcat_d_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
FrequencyArea	gwv_id	gwv_id
	feat_name	feat_name
	feat_desc	feat_desc
	frequency	frequency
	station	station
	user_flag	user_flag
	meta_id	meta_id
Gate	gate_id	gate_id
	name	name
	gate_typ_d	gate_typ_d
	gate_len	gate_len
	gate_ht	gate_ht
	attended_d	attended_d
	user_flag	user_flag
	meta_id	meta_id
HazMatStorageSite	hwarea_id	hwarea_id
	hsb_cat_d	hsb_cat_d
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
Helipad	air_sur_id	air_sur_id

FeatureClass	AttributeName	Shp_Name
	helipad_design	helipad_de
	elevation	elevation
	status_d	status_d_d
	feat_len	feat_len
	feat_width	feat_width
	surfaceType_d	surfaceT_d
	surfaceCondition_d	surfaceC_d
	surfaceMaterial_d	surfaceM_d
	pavementClassificationNumber	pavementCl
	user_flag	user_flag
	meta_id	meta_id
HelipadFATO	helipadfato_id	helipad_id
	user_flag	user_flag
	meta_id	meta_id
HelipadThreshold	helipadthreshold_id	helThrs_id
	thresholdDesc	thresholdD
	latitude	latitude
	longitude	longitude
	user_flag	user_flag
	meta_id	meta_id
HelipadTLOF	helipadtlof_id	helTlof_id
	surfaceMaterial_d	surfaceM_d
	user_flag	user_flag
	meta_id	meta_id
ImageArea	gdimage_id	gdimage_id
	frame_no	frame_no
	narrative	narrative
	photo_date	photo_date
	user_flag	user_flag
	meta_id	meta_id
LandmarkSegment	landmarksegment_id	landmar_id
	name	name
	feat_desc	feat_desc
	landmarkType_d	landmark_d
	user_flag	user_flag
	meta_id	meta_id
LandUse	landuse_id	landuse_id
	use_name	use_name
	use_desc	use_desc
	use_typ_d	use_typ_d
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
LeaseZone	leasezone_id	leasezo_id
	name	name
	feat_desc	feat_desc
	ten_name	ten_name
	status_d	status_d_d
	permit_use	permit_use
	lsd_area	lsd_area
	act_area	act_area
	date_lsexp	date_lsexp
	legl_desc	legl_desc
	user_flag	user_flag
	meta_id	meta_id
MarkingArea	mark_id	mark_id
	markingFeatureType_d	markingF_d
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id
MarkingLine	mark_id	mark_id
	markingFeatureType_d	markingF_d
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id
Municipality	juris_id	juris_id
	polit_name	polit_name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
NAVAIDCriticalArea	afl_buf_id	afl_buf_id
	name	name
	feat_desc	feat_desc
	buffr_dist	buffr_dist
	user_flag	user_flag
	meta_id	meta_id
NAVAIDEquipment	navaid_id	navaid_id
	faaLocID	faaLocID
	name	name
	narrative	narrative
	navaidEquipTypeCode_d	navaidEq_d
	use_code_d	use_code_d
	antToThreshDist	antToThres
	centerlineDist	centerline
	offsetDist	offsetDist
	latitude	latitude

FeatureClass	AttributeName	Shp_Name
	longitude	longitude
	status_d	status_d_d
	owner	owner
	refElevation	refElevati
	refEllipsoidHeight	refEllipso
	rwyEndID	rwyEndID
	downWindBarElev	downWindBa
	downWindBarThreshold	dWndBarThr
	refPointThreshold	refPointTh
	thresholdCrossHeight	thresholdC
	highAngle	highAngle
	user_flag	user_flag
	meta_id	meta_id
NAVAIDSite	navaidsite_id	navaid_id
	faaLocID	faaLocID
	fac_typ_d	fac_typ_d
	facil_desc	facil_desc
	PropertyCustodian	PropertyCu
	user_flag	user_flag
	meta_id	meta_id
NAVAIDSystem	navaidsystem_id	navaids_id
	faaLocID	faaLocID
	navaidSysTypeCode_d	navaidSy_d
	latitude	latitude
	longitude	longitude
	feat_len	feat_len
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
	lightingConfigType	lightingCo
NavigationBuoy	buoy_id	buoy_id
	buoy_num	buoy_num
	feat_name	feat_name
	narrative	narrative
	buoy_typ_d	buoy_typ_d
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id
NoiseContour	noi_zon_id	noi_zon_id
	contourValue	contourVal
	zone_desc	zone_desc
	user_flag	user_flag

FeatureClass	AttributeName	Shp_Name
	meta_id	meta_id
NoiseIncident	inc_sit_id	inc_sit_id
NoiseIncident	reporter	reporter
	incid_desc	incid_desc
	latitude	latitude
	longitude	longitude
	user_flag	user_flag
	meta_id	meta_id
NoiseMonitoringPoint	noisemonitoringpoint_id	noisemo_id
	name	name
	feat_desc	feat_desc
	status_d	status_d_d
	latitude	latitude
	longitude	longitude
	user_flag	user_flag
	meta_id	meta_id
Obstacle	obstacle_id	obstacl_id
	obstacle_type_d	obstacle_d
	feat_desc	feat_desc
	aboveGroundLevel	aboveGroun n
	elevation	elevation
	ellipsoidElevation	ellipsoidE
	FromDTHLDDist	FromDTHL DD
	FromRwyCenterlineDist	FromRwyC en
	FromRwyEndDist	FromRwyE nd
	groupCode	groupCode
	heightAboveAirport	heightAbov
	heightAboveRunway	hAbovRwy
	heightAboveTdz	hAbovTdz
	latitude	latitude
	lightCode	lightCode
	longitude	longitude
	markingFeatureType_d	markingF_d
	penVal_Specified	penVal_Spe
	penVal_Supplemental	penVal_Sup
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
ObstructionArea	air_obs_id	air_obs_id
	obs_number	obs_numbe r
	obs_typ_d	obs_typ_d
	name	name
	feat_desc	feat_desc
	oisSurfaceCondition_d	oisSurfa_d
	dispostn_d	dispostn_d
	faa_d	faa_d_d
	feat_ht	feat_ht
	feat_len	feat_len
	feat_width	feat_width
	frangibl_d	frangibl_d
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
ObstructionIdentificationSu rface	spc_zon_id	spc_zon_id
	zone_name	zone_name
	feat_desc	feat_desc
	oisSurfaceType_d	oisSurTy_d
	oisZoneType_d	oisZoneT_d
	oisSurfaceCondition_d	oisSurfa_d
	safety_reg	safety_reg
	zone_use	zone_use
	approachType_d	appTyp_d
	grad_lo_hi	grad_lo_hi
	user_flag	user_flag
	meta_id	meta_id
OtherLine	otherline_id	otherli_id
	featureType	featureTyp
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
OtherPoint	otherpoint_id	otherpo_id
	featureType	featureTyp
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
OtherPolygon	otherpolygon_id	othpoly_id
	featureType	featureTyp
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
Parcel	parcel_id	parcel_id

FeatureClass	AttributeName	Shp_Name
	parc_num	parc_num
	parc_use_d	parc_use_d
	status_d	status_d_d
	legl_desc	legl_desc
	date_acqrd	date_acqrd
	area_size	area_size
	assd_value	assd_value
	deed_ref	deed_ref
	user_flag	user_flag
	meta_id	meta_id
ParkingLot	parking_id	parking_id
	feat_name	feat_name
	feat_desc	feat_desc
	park_use_d	park_use_d
	srf_typ_d	srf_typ_d
	tot_spaces	tot_spaces
	num_hndcp	num_hndcp
	owner	owner
	user_flag	user_flag
	meta_id	meta_id
PassengerLoadingBridge	passengerloadingbridge_id	passeng_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
PavementSection	pavementsection_id	pavemen_id
	name	name
	pavement_condition_index	pavement_c
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
RailroadCenterline	railrd_id	railrd_id
	feat_name	feat_name
	remarks	remarks
	use_d	use_d_d
	numTracks	numTracks
	owner	owner
	bridge_d	bridge_d_d
	tunnel_d	tunnel_d_d
	user_flag	user_flag
	meta_id	meta_id
RailroadYard	rryard_id	rryard_id
	yard_name	yard_name

FeatureClass	AttributeName	Shp_Name
	feat_desc	feat_desc
	owner	owner
	user_flag	user_flag
	meta_id	meta_id
RegulatedAirspaceArea	airspce_id	airspce_id
	feat_name	feat_name
	feat_desc	feat_desc
	notice_num	notice_num
	elevation	elevation
	fea_typ_d	fea_typ_d
	user_flag	user_flag
	meta_id	meta_id
RestrictedAccessBoundary	access_id	access_id
	area_name	area_name
	area_desc	area_desc
	user_flag	user_flag
	meta_id	meta_id
RoadCenterline	cline_id	cline_id
	feat_name	feat_name
	alt_name	alt_name
	rou1_name	rou1_name
	rou1_typ_d	rou1_typ_d
	rou2_name	rou2_name
	rou2_typ_d	rou2_typ_d
	rou3_name	rou3_name
	rou3_typ_d	rou3_typ_d
	use_typ_d	use_typ_d
	feat_len	feat_len
	num_lanes	num_lanes
	bridge_d	bridge_d_d
	tunnel_d	tunnel_d_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
RoadPoint	roadpoint_id	roadpo_id
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
RoadSegment	rd_seg_id	rd_seg_id
	road_name	road_name
	alt_name	alt_name
	srf_typ_d	srf_typ_d
	rou1_name	rou1_name
	rou1_typ_d	rou1_typ_d
	rou2_name	rou2_name
	rou2_typ_d	rou2_typ_d
	rou3_name	rou3_name
	rou3_typ_d	rou3_typ_d
	seg_len	seg_len
	seq_width	seq_width
	num_lanes	num_lanes
	bridge_d	bridge_d_d
	tunnel_d	tunnel_d_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
Room	room_id	room_id
	roomname	roomname
	room_ht	room_ht
	room_len	room_len
	room_width	room_width
	user_flag	user_flag
	meta_id	meta_id
Runway	air_sur_id	air_sur_id
	runway_num	runway_num
	surfaceType_d	surfaceT_d
	status_d	status_d_d
	feat_len	feat_len
	feat_width	feat_width
	pavementClassificationNumber	pavementCl
	surfaceCondition_d	surfaceC_d
	surfaceMaterial_d	surfaceM_d
	feat_desc	feat_desc
	user_flag	user_flag

FeatureClass	AttributeName	Shp_Name
	meta_id	meta_id
RunwayArrestingArea	safety_id	safety_id
	surfaceMaterial_d	surfaceM_d
	feat_len	feat_len
	feat_width	feat_width
	user_flag	user_flag
	meta_id	meta_id
RunwayBlastPad	safety_id	safety_id
	surfaceType_d	surfaceT_d
	feat_len	feat_len
	status_d	status_d_d
	pavementClassificationNumber	pavementCl
	surfaceCondition_d	surfaceC_d
	surfaceMaterial_d	surfaceM_d
	user_flag	user_flag
	meta_id	meta_id
RunwayCenterline	runwaycenterline_id	runwayc_id
	rwy_desg	rwy_desg
	isDerived	isDerived
	meta_id	meta_id
RunwayEnd	runwayend_id	runwaye_id
	name	name
	feat_desc	feat_desc
	status_d	status_d_d
	approachCat_d	approach_d
	precisionApproachGuidance_d	precisio_d
	elevation	elevation
	ellipsoidElevation	ellipsoidE
	asDistAvail	asDistAvai
	brngMagnetic	brngMagnet
	brngTrue	brngTrue
	designGroup_d	designGr_d
	displacedDist	displacedD
	landingDistAvail	landingDis
	latitude	latitude
	longitude	longitude
	RunwayEndDesg	RunwayEnd D
	rwySlope	rwySlope
	takeOffDistAvail	takeOffDis
	takeOffRunAvail	takeOffRun
	tdzElevation	tdzElevati
	tdzSlope	tdzSlope

FeatureClass	AttributeName	Shp_Name
	thresholdType_d	threshol_d
	user_flag	user_flag
	meta_id	meta_id
RunwayHelipadDesignSurface	spc_zon_id	spc_zon_id
	zone_name	zone_name
	feat_desc	feat_desc
	designSurfaceType_d	designSu_d
	safety_reg	safety_reg
	zone_use	zone_use
	determination	determinat
	determinationDate	detDate
	zone_inner_width	zone_inner
	zone_outer_width	zone_outer
	zone_length	zone_lengt
	grad_lo_hi	grad_lo_hi
	user_flag	user_flag
	meta_id	meta_id
RunwayIntersection	runwayintersection_id	runwayi_id
	rnw1_desgn	rnw1_desgn
	rnw2_desgn	rnw2_desgn
	rnw3_desgn	rnw3_desgn
	pavementClassificationNumber	pavementCl
	user_flag	user_flag
	meta_id	meta_id
RunwayLabel	runwaylabel_id	runwayl_id
	rwy_desg	rwy_desg
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
RunwayLAHSO	runwaylahso_id	runway_id
	protected_rnw_desgn	protected_
	markingFeatureType_d	markingF_d
	color_d	color_d_d
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
RunwaySegment	runwaysegment_id	runways_id
	name	name
	feat_desc	feat_desc
	status_d	status_d_d
	surfaceType_d	surfaceT_d
	pavementClassificationNumber	pavementCl
	surfaceCondition_d	surfaceC_d
	surfaceMaterial_d	surfaceM_d
	user_flag	user_flag
	meta_id	meta_id
SampleCollectionPoint	sam_pt_id	sam_pt_id
	ltccode_d	ltccode_d
	locdesc	locdesc
	user_flag	user_flag
	meta_id	meta_id
SeaPlaneLandingArea	sealand_id	sealand_id
	feat_name	feat_name
	feat_desc	feat_desc
	restrictn	restrictn
	user_flag	user_flag
	meta_id	meta_id
SeaPlaneRampCenterline	seaplnr_id	seaplnr_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
SeaPlaneRampSite	seaplnr_id	seaplnr_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
SecurityArea	securityarea_id	securit_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
SecurityPerimeterLine	secper_id	secper_id
	name	name
	narrative	narrative
	user_flag	user_flag
	meta_id	meta_id
Shoreline	indfshl_id	indfshl_id

FeatureClass	AttributeName	Shp_Name
	shore_name	shore_name
	shr_typ_d	shr_typ_d
	shore_desc	shore_desc
	user_flag	user_flag
	meta_id	meta_id
Shoulder	air_sur_id	air_sur_id
	shl_type_d	shl_type_d
	surfaceMaterial_d	surfaceM_d
	feat_width	feat_width
	feat_len	feat_len
	status_d	status_d_d
	restricted	restricted
	user_flag	user_flag
	meta_id	meta_id
SIDA	sida_id	sida_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
Sidewalk	walk_id	walk_id
	walk_use	walk_use
	walk_desc	walk_desc
	pri_matl_d	pri_matl_d
	sec_len	sec_len
	sec_width	sec_width
	ada_acc_d	ada_acc_d
	user_flag	user_flag
	meta_id	meta_id
Space	bspace_id	bspace_id
	spacename	spacename
	feat_desc	feat_desc
	area_size	area_size
	space_cuse	space_cuse
	space_ht	space_ht
	space_len	space_len
	space_wid	space_wid
	user_flag	user_flag
	meta_id	meta_id
Stairs	stairs_id	stairs_id
	name	name
	feat_desc	feat_desc

FeatureClass	AttributeName	Shp_Name
	Escape_b	Escape_b
	floor_low	floor_low
	floor_high	floor_high
	user_flag	user_flag
	meta_id	meta_id
State	juris_id	juris_id
	polit_name	polit_name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
SterileArea	sterilearea_id	sterile_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
Stopway	stopway_id	stopway_id
	status_d	status_d_d
	feat_len	feat_len
	feat_width	feat_width
	surfaceMaterial_d	surfaceM_d
	surfaceType_d	surfaceT_d
	user_flag	user_flag
	meta_id	meta_id
TankSite	unktnk_id	unktnk_id
	tank_type	tank_type
	narrative	narrative
	top_elv	top_elv
	lightCode	lightCode
	lightingType_d	lighting_d
	color_d	color_d_d
	markingFeatureType_d	markingF_d
	verticalStructureMaterial_d	vertical_d
	user_flag	user_flag
	meta_id	meta_id
TaxiwayHoldingPosition	taxiwayholdingposition_id	taxiway_id
	rnw_desgn	rnw_desgn
	taxi_desgn	taxi_desgn
	low_visibility_cat_d	low_visi_d
	status_d	status_d_d
	user_flag	user_flag
	meta_id	meta_id

FeatureClass	AttributeName	Shp_Name
TaxiwayIntersection	taxiwayintersection_id	taxiInt_id
	name	name
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
TaxiwaySegment	air_sur_id	air_sur_id
	taxi_desgn	taxi_desgn
	status_d	status_d_d
	taxiwayType_d	taxiwayT_d
	surfaceMaterial_d	surfaceM_d
	feat_len	feat_len
	feat_width	feat_width
	designGroup_d	designGr_d
	wingpan	wingpan
	directionality_d	directio_d
	maxSpeed	maxSpeed
	pavementClassificationNumber	pavementCl
	surfaceCondition_d	surfaceC_d
	user_flag	user_flag
	meta_id	meta_id
Tower	tower_id	tower_id
	name	name
	feat_desc	feat_desc
	lightCode	lightCode
	lightingType_d	lighting_d
	color_d	color_d_d
	markingFeatureType_d	markingF_d
	verticalStructureMaterial_d	vertical_d
	user_flag	user_flag
	meta_id	meta_id
Tunnel	tunnel_id	tunnel_id
	tun_typ_d	tun_typ_d
	vert_clr	vert_clr
	avg_ht	avg_ht
	avg_wd	avg_wd
	tunnel_len	tunnel_len
	lightingType_d	lighting_d
	user_flag	user_flag
	feat_desc	feat_desc
	meta_id	meta_id
UtilityLine	utilityline_id	utility_id

FeatureClass	AttributeName	Shp_Name
	utilityType_d	utilityT_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
UtilityPoint	utilitypoint_id	utilPt_id
	utilityClass_d	utilityC_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
UtilityPolygon	utilitypolygon_id	utiliPl_id
	utilityType_d	utilityT_d
	feat_desc	feat_desc
	user_flag	user_flag
	meta_id	meta_id
Walls	walls_id	walls_id
	feat_desc	feat_desc
	fire_b	fire_b
	struct_b	struct_b
	thinkness	thinkness
	user_flag	user_flag
	meta_id	meta_id
Wetland	wetland_id	wetland_id
	wetln_name	wetln_name
	wetln_desc	wetln_desc
	feat_typ_d	feat_typ_d
	user_flag	user_flag
	meta_id	meta_id
Windows	windows_id	windows_id
	gls_typ_d	gls_typ_d
	user_flag	user_flag
	meta_id	meta_id
Zoning	zoning_id	zoning_id
	name	name
	feat_desc	feat_desc
	zng_cls_d	zng_cls_d
	restrict_d	restrict_d
	status_d	status_d_d
	user_flag	user_flag
	meta_id	meta_id