

FHWA Designated Alternative Fuels Corridor (Rounds 1-6)



File Tags

designated corridor, alternative fuels, electric vehicle

Summary

Depicts designated alternative fuel corridors.

Description

This dataset shows alternative fuel corridors designated by the U.S. Department of Transportation, Federal Highway Administration as of 7/5/2022. It includes rounds 1 - 5 for electric vehicle corridor designations. Designations include electric, and CNG LNG, propane, and hydrogen fuels. The data were downloaded from https://hepgis.fhwa.dot.gov/fhwagis/AltFuels_Rounds1-6_2022-07-05.zip.

Credits

U.S. Department of Transportation, Federal Highway Administration

Use limitations

There are no access and use limitations for this item.

Extent

West -159.779386 **East** -66.033076
North 64.859686 **South** 17.974000

Scale Range

Maximum (zoomed in) 1:50,000
Minimum (zoomed out) 1:20,000,000

Topics and Keywords

THEMES OR CATEGORIES OF THE RESOURCE planningCadastre, transportation
* CONTENT TYPE Downloadable Data
EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

Citation

TITLE FHWA Designated Alternative Fuels Corridor (Rounds 1-6)
PUBLICATION DATE 2022-07-05
PRESENTATION FORMATS * digital map

Citation Contacts

RESPONSIBLE PARTY
INDIVIDUAL'S NAME Diane Turchetta
ORGANIZATION'S NAME Department of Transportation
CONTACT'S ROLE processor
E-MAIL ADDRESS Diane.Turchetta@dot.gov

Resource Details

DATASET LANGUAGES * English (UNITED STATES)
DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format
STATUS completed
SPATIAL REPRESENTATION TYPE * vector
* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.8.0.12790
CREDITS
 U.S. Department of Transportation, Federal Highway Administration
ARCGIS ITEM PROPERTIES
 * NAME road_designated_alt_fuels_corridor_v4
 * ACCESS PROTOCOL Local Area Network

Extents

EXTENT
 GEOGRAPHIC EXTENT
 BOUNDING RECTANGLE
 EXTENT TYPE Extent used for searching
 * WEST LONGITUDE -159.779386
 * EAST LONGITUDE -66.033076
 * NORTH LATITUDE 64.859686
 * SOUTH LATITUDE 17.974000
 * EXTENT CONTAINS THE RESOURCE Yes
 TEMPORAL EXTENT
 DATE AND TIME 2022-07-05
 EXTENT IN THE ITEM'S COORDINATE SYSTEM
 * WEST LONGITUDE -17786559.848302
 * EAST LONGITUDE -7350768.395834
 * SOUTH LATITUDE 2034505.514755
 * NORTH LATITUDE 9571508.754267
 * EXTENT CONTAINS THE RESOURCE Yes

Resource Points of Contact

POINT OF CONTACT
 INDIVIDUAL'S NAME Diane Turchetta
 ORGANIZATION'S NAME Department of Transportation
 CONTACT'S ROLE processor
 CONTACT INFORMATION
 E-MAIL ADDRESS Diane.Turchetta@dot.gov

Resource Maintenance

RESOURCE MAINTENANCE
 UPDATE FREQUENCY unknown

Spatial Reference

ARCGIS COORDINATE SYSTEM
 * TYPE Projected
 * GEOGRAPHIC COORDINATE REFERENCE GCS_WGS_1984
 * PROJECTION WGS_1984_Web_Mercator_Auxiliary_Sphere
 * COORDINATE REFERENCE DETAILS
 PROJECTED COORDINATE SYSTEM
 WELL-KNOWN IDENTIFIER 102100
 X ORIGIN -22041257.952553775
 Y ORIGIN -30241100
 XY SCALE 144148035.48642668
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.001
 Z TOLERANCE 0.001
 M TOLERANCE 0.001

HIGH PRECISION true
LATEST WELL-KNOWN IDENTIFIER 3857
WELL-KNOWN TEXT PROJCS["WGS_1984_Web_Mercator_Auxiliary_Sphere",GEOGCS
["GCS_WGS_1984",DATUM["D_WGS_1984",SPHEROID
["WGS_1984",6378137.0,298.257223563]],PRIMEM["Greenwich",0.0],UNIT
["Degree",0.0174532925199433]],PROJECTION["Mercator_Auxiliary_Sphere"],PARAMETER
["False_Easting",0.0],PARAMETER["False_Northing",0.0],PARAMETER
["Central_Meridian",0.0],PARAMETER["Standard_Parallel_1",0.0],PARAMETER
["Auxiliary_Sphere_Type",0.0],UNIT["Meter",1.0],AUTHORITY["EPSG",3857]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3857
- * CODESPACE EPSG
- * VERSION 8.8(9.3.1.2)

Spatial Data Properties

VECTOR

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME road_designated_alt_fuels_corridor_v4

- * OBJECT TYPE composite
- * OBJECT COUNT 2136

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME road_designated_alt_fuels_corridor_v4

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polyline
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 2136
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Distribution

DISTRIBUTION FORMAT

- * NAME File Geodatabase Feature Class

Fields

DETAILS FOR OBJECT road_designated_alt_fuels_corridor_v4

- * TYPE Feature Class
- * ROW COUNT 2136

FIELD OBJECTID

- * ALIAS OBJECTID
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.
- * DESCRIPTION SOURCE
Esri
- * DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

FIELD Shape

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.
- * DESCRIPTION SOURCE
Esri
- * DESCRIPTION OF VALUES
Coordinates defining the features.

FIELD ID

- * ALIAS ID
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD LENGTH

- * ALIAS LENGTH
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD AFC_NUMBER

- * ALIAS AFC_NUMBER
- * DATA TYPE String
- * WIDTH 15
- * PRECISION 0
- * SCALE 0

FIELD ROADTYPE

- * ALIAS ROADTYPE
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD NUMBER

- * ALIAS NUMBER
- * DATA TYPE String
- * WIDTH 5
- * PRECISION 0
- * SCALE 0

FIELD PRIMARY_NA

- * ALIAS PRIMARY_NA
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD ALT_NAME_1

- * ALIAS ALT_NAME_1
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD ALT_NAME_2

- * ALIAS ALT_NAME_2
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD LOCAL_NAME

- * ALIAS LOCAL_NAME
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0

FIELD STATE

- * ALIAS STATE
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0

FIELD CCSTYLE

- * ALIAS CCSTYLE
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD ALTFUEL_RO

- * ALIAS ALTFUEL_RO
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD EV_ROUND

- * ALIAS EV_ROUND
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD EV

- * ALIAS EV
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD ELECTRICVE

- * ALIAS ELECTRICVE
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD CNG_ROUND

- * ALIAS CNG_ROUND
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD CNG

- * ALIAS CNG
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD COMNATURAL

- * ALIAS COMNATURAL
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD LNG_ROUND

- * ALIAS LNG_ROUND
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD LNG

- * ALIAS LNG
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD LIQNATURAL

- * ALIAS LIQNATURAL
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

Hide Field LIQNATURAL ▲

FIELD LPG_ROUND ►

- * ALIAS LPG_ROUND
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD LPG

- * ALIAS LPG
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD PROPANE

- * ALIAS PROPANE
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD HY_ROUND

- * ALIAS HY_ROUND
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD HY

- * ALIAS HY
- * DATA TYPE Integer
- * WIDTH 4
- * PRECISION 0
- * SCALE 0

FIELD HYDROGEN

- * ALIAS HYDROGEN
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD LAYERSOURC

- * ALIAS LAYERSOURC
- * DATA TYPE String
- * WIDTH 20
- * PRECISION 0
- * SCALE 0

FIELD Len_miles

- * ALIAS Len_miles
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0

FIELD Shape_Length

- * ALIAS Shape_Length
- * DATA TYPE Double
- * WIDTH 8
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Length of feature in internal units.
- * DESCRIPTION SOURCE
Esri
- * DESCRIPTION OF VALUES
Positive real numbers that are automatically generated.

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)
METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2022-07-18

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0
METADATA STYLE FGDC CSDGM Metadata
STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2022-07-12
LAST MODIFIED IN ARCGIS FOR THE ITEM 2022-07-18

AUTOMATIC UPDATES
HAVE BEEN PERFORMED Yes
LAST UPDATE 2022-07-18

Metadata Contacts

METADATA CONTACT

INDIVIDUAL'S NAME Jim Kuiper
ORGANIZATION'S NAME Argonne National Laboratory
CONTACT'S ROLE user

CONTACT INFORMATION

PHONE

VOICE 630-252-6206

ADDRESS

TYPE postal

DELIVERY POINT 9700 S. Cass Avenue

CITY Lemont

ADMINISTRATIVE AREA Illinois

POSTAL CODE 60439

COUNTRY US

E-MAIL ADDRESS jkuiper@anl.gov