North Carolina Hurricane Evacuation Routes

Data format: SDE Feature Class

File or table name: SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC

Coordinate system: Lambert Conformal Conic

Theme keywords: Hurricane protection, Disaster relief, Emergency transportation, Evacuation of civilians, Roads, Express highways, transportation

Abstract: Hurricane Evacuation Routes in North Carolina A hurricane evacuation route is a designated route used to direct traffic inland in case of a hurricane threat. This dataset is based on supplied data from gulf coast and Atlantic seaboard states. Each state was contacted by TGS to determine an official source for hurricane evacuation routes. GIS data was gathered from states willing to share such data. In cases where states were unable or unwilling to share data in this format, TGS requested that the states provide a source for identifying hurricane evacuation routes. The states usually identified a website that made this data available to the public. Hurricane evacuation routes depicted on non-GIS maps were digitized using aerial ortho imagery while referencing supplied maps and NAVTEQ_Streets_2006_Q3. Shape files that depicted hurricane evacuation routes were edge matched and merged with the digitized evacuation routes. All routes identified as primary hurricane evacuation routes were included in this dataset. If a state also designated secondary hurricane evacuation routes, they were included as well. Routes depicted in this dataset are dependent upon what each state identified as a hurricane evacuation route. Criteria used to identify these routes may vary from state to state.

FGDC and ESRI Metadata:

- Identification Information
- Data Quality Information
- Spatial Data Organization Information
- Spatial Reference Information
- Entity and Attribute Information
- Distribution Information
- Metadata Reference Information
- Geoprocessing History

Metadata elements shown with blue text are defined in the Federal Geographic Data Committee's (FGDC) *Content Standard for Digital Geospatial Metadata (CSDGM)*. Elements shown with green text are defined in the *ESRI Profile of the CSDGM.* Elements shown with a green asterisk (*) will be automatically updated by ArcCatalog. ArcCatalog adds hints indicating which FGDC elements are mandatory; these are shown with gray text.

Identification Information:

Citation:

Citation information:

Originators: Techni Graphic Systems, Inc., North Carolina Center for Geographic Information and Analysis

Title:
North Carolina Hurricane Evacuation Routes
***File or table name:** SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC

Publication date: 20070621
Edition: 2nd Quarter 2007
Geospatial data presentation form: vector digital data

***Online linkage:** Service=sde:oracle11g:/;LOCAL=TCCDQ26; User=sdv_public; Version=SDE.DEFAULT

Description:
    Abstract:

Hurricane Evacuation Routes in North Carolina

A hurricane evacuation route is a designated route used to direct traffic inland in case of a hurricane threat.

This dataset is based on supplied data from gulf coast and Atlantic seaboard states. Each state was contacted by TGS to determine an official source for hurricane evacuation routes. GIS data was gathered from states willing to share such data. In cases where states were unable or unwilling to share data in this format, TGS requested that the states provide a source for identifying hurricane evacuation routes. The states usually identified a website that made this data available to the public.

Hurricane evacuation routes depicted on non-GIS maps were digitized using aerial ortho imagery while referencing supplied maps and NAVTEQ_Streets_2006_Q3.

Shape files that depicted hurricane evacuation routes were edge matched and merged with the digitized evacuation routes.

All routes identified as primary hurricane evacuation routes were included in this dataset. If a state also designated secondary hurricane evacuation routes, they were included as well. Routes depicted in this dataset are dependent upon what each state identified as a hurricane evacuation route. Criteria used to identify these routes may vary from state to state.

    Purpose:

Homeland Security

Use Cases: Use cases describe how the data may be used and help to define and clarify requirements.

1) A resource for emergency route planning purposes.

2) A resource for situational awareness planning and response for federal government events.

3) A portion of an evacuation route may be rendered unusable due to natural or man made disaster and rerouting of traffic is necessary.

4) An incident has occurred during an evacuation and first responders must quickly deploy to the area.

5) Public awareness.

    ***Language of dataset:** en

Time period of content:
    Time period information:
        Single date/time:
            Calendar date: REQUIRED: The year (and optionally month, or month and day) for which the data set corresponds to the ground.
        Range of dates/times:
            Beginning date: 20070116
            Ending date: 20070523

    Currentness reference:
        ground condition

Status:
    Progress: Complete
    Maintenance and update frequency: Unknown

Spatial domain:
    Bounding coordinates:
        West bounding coordinate: -78.820386

East bounding coordinate: -75.465510
North bounding coordinate: 36.550810
South bounding coordinate: 33.877877

Keywords:
Theme:
Theme keywords: Hurricane protection, Disaster relief, Emergency transportation, Evacuation of civilians, Roads, Express highways
Theme keyword thesaurus: LCSH - Library of Congress subject headings (Washington, DC: LC, Cataloging Distribution Service) http://authorities.loc.gov

Theme:
Theme keywords: transportation
Theme keyword thesaurus: ISO 19115 Topic Category

Place:
Place keywords: North Carolina
Place keyword thesaurus: LCSH - Library of Congress subject headings (Washington, DC: LC, Cataloging Distribution Service) http://authorities.loc.gov

Access constraints: There are no access constraints
Use constraints:
There are no use constraints

Point of contact:
Contact information:
Contact person primary:
Contact person: Mike Thompson
Contact organization: Techni Graphic Systems, Inc.
Contact position: Director of Geospatial Datasets

Contact address:
Address type: Mailing and Physical Address
Address:
2000 Noble Drive
City: Wooster
State or province: OH
Postal code: 44691
Country: USA

Contact voice telephone: 330-263-6222
Contact facsimile telephone: 330-263-6294

Contact electronic mail address: mthompson@tgstech.com

Hours of service: 8am - 5pm, Monday - Friday, Eastern Time

Security information:
Security classification system: DOD
Security classification: Unclassified
Security handling description: Unclassified

*__Native dataset format:__ SDE Feature Class
Native data set environment:
Microsoft Windows XP Professional Version 2002 Service Pack 2 ESRI ArcMap 9.1.0.750 Metadata written using TKME by Peter N. Schweitzer (U.S. Geological Survey, Reston, VA 22092) version 2.9.17 <http://geology.usgs.gov/tools/metadata/> Metadata tested for compliance to FGDC-STD-001-1998 and converted to HTML using MP version 2.8.25 by Peter N. Schweitzer (U.S. Geological Survey) <http://geology.usgs.gov/tools/metadata/>

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Data Quality Information:

Attribute accuracy:
Attribute accuracy report:
ID Check: The [ID] attribute is not blank and all IDs are unique.

Connectivity Check: Ensured connectivity of digitized evacuation routes with state supplied evacuation routes that cross state lines. Eliminated or connected all orphaned segments.

Geometry Check: Ensures that all geometry is valid, such as: short segment, null geometry, incorrect segment orientation, and self intersections.

Repair Geometry Check: Repairs any invalid geometry found in the Geometry Check.

Logical consistency report:
See the "Attribute_Accuracy_Report" section. The checks described in that section check for both attribute accuracy and logical consistency.

Completeness report:
This dataset is based on information provided by the North Carolina Center for Geographic Information and Analysis.

All routes identified as primary evacuation routes are included in this dataset. If a state also designated secondary evacuation routes, they are included as well. Routes depicted in this dataset are dependent upon what each state identified as an evacuation route. Criteria used to identify these routes may vary from state to state.

Positional accuracy:
Horizontal positional accuracy:
Horizontal positional accuracy report:
Hurricane evacuation routes depicted on non-GIS maps were digitized using aerial ortho imagery while referencing supplied maps and NAVTEQ_Streets_2006_Q3.

TGS ensured connectivity by edge matching digitized evacuation routes and state supplied evacuation routes across state lines. TGS also eliminated or connected all orphaned segments.

Lineage:
Source information:
Source citation:
Citation information:
Originators: North Carolina Center for Geographic Information and Analysis, North Carolina Corporate Geographic Database

Title:
"her"

Publication date: 20040202
Edition: Unspecified
Geospatial data presentation form: vector digital data

Online linkage: http://www.nconemap.net/data.html

Type of source media: Online
Source citation abbreviation:
NC_SHP_HUR_EVAC_ROUTES
Source contribution:
This source was used to identify evacuation routes as designated by the state of North Carolina.

Source time period of content:
Time period information:
Single date/time:
Calendar date: 20040202

Source currentness reference:
publication date

Source information:
Source citation:
Citation information:
Originators: NAVTEQ

Title:
NAVSTREETS

Publication date: 2006
Edition: 2006.3
Geospatial data presentation form: vector digital data

Type of source media: CD-ROM
Source citation abbreviation:
NAVTEQ_Streets_2006_Q3
Source contribution:
NAVTEQ streets were used as a reference to digitize evacuation routes and a source for attribution.

Source time period of content:
Time period information:
Single date/time:
Calendar date: 2006

Source currentness reference:
publication date

Process step:
Process description:
Hurricane Evacuation Routes Processing

1) Each state was contacted by TGS to determine an official source for hurricane evacuation routes. GIS data was gathered from states willing to share such data. In cases where states were unable or unwilling to share data in this format, TGS requested that the states provide a source for identifying hurricane evacuation routes. The states usually identified a website that made this data available to the public.

>

1a) In some cases, the shape files provided by the states were determined to be unsuitable for inclusion in the completed dataset. In these cases, public maps from the state websites were substituted and processed as described below.

>

2) Hurricane evacuation routes depicted on non-GIS maps were digitized using aerial ortho imagery while referencing supplied maps and NAVTEQ_Streets_2006_Q3.

>

3) A state supplied shape (.shp) file from NC was used as received. All attribution was provided by the state and TGS did not verify these values.

>

4) TGS ensured connectivity by edge matching digitized evacuation routes and state supplied evacuation routes across state lines. TGS also eliminated or connected all orphaned segments.

>

5) Whenever possible, TGS attempted to attribute basic fields within state supplied data.

>

6) A seamless data layer was created by merging all shape files and by creating a standardized table structure.

>

7) The hurricane evacuation routes were reviewed by TGS' internal Quality Assurance. In addition to individual review, the dataset was examined in aggregate using the tests described under "Attribute_Accuracy_Report".

>

8) All text fields were set to all upper case.

>

9) Leading and trailing spaces were trimmed from all text fields.

>

10) Non printable and diacritic characters were removed from all text fields.

Process date: 20070621

Source used citation abbreviation:
NC_SHP_HUR_EVAC_ROUTES
Source used citation abbreviation:
NAVTEQ_Streets_2006_Q3
Source produced citation abbreviation:
Hur_Evac_Routes

Process contact:
    Contact information:
        Contact person primary:
            Contact person: Nicole Hackworth
            Contact organization: Techni Graphic Systems, Inc.
        Contact position: Project Manager

        Contact address:
            Address type: Mailing and Physical Address
            Address:
                2000 Noble Drive
            City: Wooster
            State or province: OH
            Postal code: 44691
            Country: USA

        Contact voice telephone: 330-263-6222

        Contact electronic mail address: nhackworth@tgstech.com

        Hours of service: 8am - 5pm, Monday - Friday, Eastern Time

Process step:
    Process description:
        Metadata imported.

Process date: 20101021
Process time: 15483700

Source used citation abbreviation:
    C:\DOCUME~1\DDJOHN~1\LOCALS~1\Temp\xml242.tmp

Process step:
    Process description:
        Dataset copied.

    Process date: 20101101
    Process time: 14555900

    Source used citation abbreviation:
        Service=sde:oracle11g; User=sdv_public; Version=SDE.DEFAULT

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Spatial Data Organization Information:

Direct spatial reference method: Vector

Point and vector object information:
    SDTS terms description:
        *__Name:__ SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC
        SDTS point and vector object type: String
        Point and vector object count: 693

    ESRI terms description:
        *__Name:__ SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC
        *__ESRI feature type:__ Simple
        *__ESRI feature geometry:__ Polyline
        *__ESRI topology:__ FALSE
        *__ESRI feature count:__ 0
        *__Spatial index:__ TRUE
        *__Linear referencing:__ FALSE

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Spatial Reference Information:

Horizontal coordinate system definition:
    Coordinate system name:
        *__Projected coordinate system name:__ NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet
        *__Geographic coordinate system name:__ GCS_North_American_1983

    Planar:
        Map projection:
            *__Map projection name:__ Lambert Conformal Conic
            Lambert conformal conic:
                *__Standard parallel:__ 34.333333
                *__Standard parallel:__ 36.166667
                *__Longitude of central meridian:__ -79.000000
                *__Latitude of projection origin:__ 33.750000
                *__False easting:__ 2000000.002617
                *__False northing:__ 0.000000

        Planar coordinate information:
            *__Planar coordinate encoding method:__ coordinate pair
            Coordinate representation:
                *__Abscissa resolution:__ 0.000328
                *__Ordinate resolution:__ 0.000328
            *__Planar distance units:__ survey feet

    Geodetic model:
        Horizontal datum name: D_WGS_1984
        Ellipsoid name: WGS_1984
        Semi-major axis: 6378137.000000

Denominator of flattening ratio: 298.257224

Vertical coordinate system definition:
Altitude system definition:
*__Altitude resolution:__ 1.000000
*__Altitude encoding method:__ Explicit elevation coordinate included with horizontal coordinates

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Entity and Attribute Information:

Detailed description:
*__Name:__ SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC

Entity type:
Entity type label: Hurricane Evacuation Routes in North Carolina
*__Entity type type:__ Feature Class
*__Entity type count:__ 0
Entity type definition:
A hurricane evacuation route is a designated route used to direct traffic inland in case of a hurricane threat.
Entity type definition source:
TGS

Attribute:
*__Attribute label:__ OBJECTID
*__Attribute alias:__ OBJECTID
*__Attribute definition:__
Internal feature number.
*__Attribute definition source:__
ESRI

*__Attribute type:__ OID
*__Attribute width:__ 4
*__Attribute precision:__ 10
*__Attribute scale:__ 0

Attribute domain values:
*__Unrepresentable domain:__
Sequential unique whole numbers that are automatically generated.

Attribute:
Attribute label: ID
*__Attribute alias:__ ID
Attribute definition:
Unique identifier for feature.
Attribute definition source:
TGS

*__Attribute type:__ String
*__Attribute width:__ 20
*__Attribute precision:__ 0
*__Attribute scale:__ 0

Attribute domain values:
Unrepresentable domain:
Text

Attribute:
Attribute label: METLNKID
*__Attribute alias:__ METLNKID
Attribute definition:
Link to Metadata - currently this attribute is not used and is not populated.

Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 10
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Unrepresentable domain:
Text

Attribute:
Attribute label: SECCLASS
***Attribute alias:** SECCLASS
Attribute definition:
Security classification of feature.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 15
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Enumerated domain:
Enumerated domain value: UNCLASSIFIED
Enumerated domain value definition:
Feature is unclassified
Enumerated domain value definition source:
TGS

Attribute:
Attribute label: ROAD_CLASS
***Attribute alias:** ROAD_CLASS
Attribute definition:
Indicates the level of road type.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 30
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Enumerated domain:
Enumerated domain value: INTERSTATE HIGHWAY
Enumerated domain value definition:
Feature is an Interstate Highway.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: FEDERAL HIGHWAY
Enumerated domain value definition:
Feature is a Federal Highway.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: STATE HIGHWAY

Enumerated domain value definition:
Feature is a State Highway.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: STREET
Enumerated domain value definition:
Feature is a Street.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: <BLANK>
Enumerated domain value definition:
Unknown or not provided.
Enumerated domain value definition source:
TGS

Attribute:
Attribute label: ROAD_NAME
*****Attribute alias:** ROAD_NAME
Attribute definition:
Indicates the posted name as given for road segment.
Attribute definition source:
TGS

*****Attribute type:** String
*****Attribute width:** 80
*****Attribute precision:** 0
*****Attribute scale:** 0

Attribute domain values:
Unrepresentable domain:
Text

Attribute:
Attribute label: ALTROADNAM
*****Attribute alias:** ALTROADNAM
Attribute definition:
Indicates the alternate name as given for road segment.
Attribute definition source:
TGS

*****Attribute type:** String
*****Attribute width:** 80
*****Attribute precision:** 0
*****Attribute scale:** 0

Attribute domain values:
Unrepresentable domain:
Text

Attribute:
Attribute label: ALTROADN_1
*****Attribute alias:** ALTROADN_1
Attribute definition:
Indicates the alternate name as given for road segment.
Attribute definition source:
TGS

*****Attribute type:** String
*****Attribute width:** 80

*__Attribute precision:__ 0
*__Attribute scale:__ 0

__Attribute domain values:__
    __Unrepresentable domain:__
        Text

__Attribute:__
    __Attribute label:__ ALTROADN_2
    *__Attribute alias:__ ALTROADN_2
    __Attribute definition:__
        Indicates the alternate name as given for road segment.
    __Attribute definition source:__
        TGS

    *__Attribute type:__ String
    *__Attribute width:__ 80
    *__Attribute precision:__ 0
    *__Attribute scale:__ 0

    __Attribute domain values:__
        __Unrepresentable domain:__
            Text

__Attribute:__
    __Attribute label:__ PAVED
    *__Attribute alias:__ PAVED
    __Attribute definition:__
        Indicates the paved status of road segment.
    __Attribute definition source:__
        TGS

    *__Attribute type:__ String
    *__Attribute width:__ 1
    *__Attribute precision:__ 0
    *__Attribute scale:__ 0

    __Attribute domain values:__
        __Enumerated domain:__
            __Enumerated domain value:__ Y
            __Enumerated domain value definition:__
                Indicates road segment is paved.
            __Enumerated domain value definition source:__
                TGS

    __Attribute domain values:__
        __Enumerated domain:__
            __Enumerated domain value:__ N
            __Enumerated domain value definition:__
                Indicates road segment is not paved.
            __Enumerated domain value definition source:__
                TGS

    __Attribute domain values:__
        __Enumerated domain:__
            __Enumerated domain value:__ <BLANK>
            __Enumerated domain value definition:__
                Unknown or not provided.
            __Enumerated domain value definition source:__
                TGS

__Attribute:__
    __Attribute label:__ MEDIAN
    *__Attribute alias:__ MEDIAN
    __Attribute definition:__

Indicates the median existence status of road segment.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 1
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Enumerated domain:
Enumerated domain value: Y
Enumerated domain value definition:
Indicates road segment has a median.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: N
Enumerated domain value definition:
Indicates road segment does not have a median.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: <BLANK>
Enumerated domain value definition:
Unknown or not provided.
Enumerated domain value definition source:
TGS

Attribute:
Attribute label: LANECATEGR
***Attribute alias:** LANECATEGR
Attribute definition:
Indicates the number of traffic lanes in a single direction on a link.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 2
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Enumerated domain:
Enumerated domain value: 1
Enumerated domain value definition:
Road segment has 1 lane.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: 2
Enumerated domain value definition:
Road segment has 2-3 lanes.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: 3

Enumerated domain value definition:
Road segment has 4 or more lanes.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: NA
Enumerated domain value definition:
Not available.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: <BLANK>
Enumerated domain value definition:
Unknown or not provided.
Enumerated domain value definition source:
TGS

Attribute:
Attribute label: TOLLWAY
***Attribute alias:** TOLLWAY
Attribute definition:
Indicates if road segment is a toll way.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 1
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
Enumerated domain:
Enumerated domain value: Y
Enumerated domain value definition:
Indicates road segment is a toll way.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: N
Enumerated domain value definition:
Indicates road segment is not a toll way.
Enumerated domain value definition source:
TGS

Attribute domain values:
Enumerated domain:
Enumerated domain value: <BLANK>
Enumerated domain value definition:
Unknown or not provided.
Enumerated domain value definition source:
TGS

Attribute:
Attribute label: TUNNEL
***Attribute alias:** TUNNEL
Attribute definition:
Indicates if road segment is a tunnel.
Attribute definition source:
TGS

***Attribute type:** String
***Attribute width:** 1
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
    Enumerated domain:
        Enumerated domain value: Y
        Enumerated domain value definition:
            Indicates road segment is a tunnel.
        Enumerated domain value definition source:
            TGS

Attribute domain values:
    Enumerated domain:
        Enumerated domain value: N
        Enumerated domain value definition:
            Indicates road segment is not a tunnel.
        Enumerated domain value definition source:
            TGS

Attribute domain values:
    Enumerated domain:
        Enumerated domain value: <BLANK>
        Enumerated domain value definition:
            Unknown or not provided.
        Enumerated domain value definition source:
            TGS

Attribute:
    Attribute label: BRIDGE
    ***Attribute alias:** BRIDGE
    Attribute definition:
        Indicates if road segment is a bridge.
    Attribute definition source:
        TGS

    ***Attribute type:** String
    ***Attribute width:** 1
    ***Attribute precision:** 0
    ***Attribute scale:** 0

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: Y
            Enumerated domain value definition:
                Indicates road segment is a bridge.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: N
            Enumerated domain value definition:
                Indicates road segment is not a bridge.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: <BLANK>
            Enumerated domain value definition:
                Unknown or not provided.
            Enumerated domain value definition source:

TGS

Attribute:
    Attribute label: RAMP
    ***Attribute alias:** RAMP
    Attribute definition:
        Indicates if road segment is a ramp.
    Attribute definition source:
        TGS

    ***Attribute type:** String
    ***Attribute width:** 1
    ***Attribute precision:** 0
    ***Attribute scale:** 0

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: Y
            Enumerated domain value definition:
                Indicates road segment is a ramp.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: N
            Enumerated domain value definition:
                Indicates road segment is not a ramp.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: <BLANK>
            Enumerated domain value definition:
                Unknown or not provided.
            Enumerated domain value definition source:
                TGS

Attribute:
    Attribute label: LPOSTALCOD
    ***Attribute alias:** LPOSTALCOD
    Attribute definition:
        Left zone, e.g. postal zip code.
    Attribute definition source:
        TGS

    ***Attribute type:** String
    ***Attribute width:** 11
    ***Attribute precision:** 0
    ***Attribute scale:** 0

    Attribute domain values:
        Codeset Ddomain:
            Codeset name: USPS Address Information System
            Codeset source: United States Postal Service

Attribute:
    Attribute label: RPOSTALCOD
    ***Attribute alias:** RPOSTALCOD
    Attribute definition:
        Right zone, e.g. postal zip code.
    Attribute definition source:
        TGS

***Attribute type:** String
***Attribute width:** 11
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
    Codeset Ddomain:
        Codeset name: USPS Address Information System
        Codeset source: United States Postal Service

Attribute:
    Attribute label: SHAPE_LENG
    ***Attribute alias:** SHAPE_LENG
    Attribute definition:
        Length of shape in miles.
    Attribute definition source:
        TGS

    ***Attribute type:** Double
    ***Attribute width:** 8
    ***Attribute precision:** 38
    ***Attribute scale:** 8

    Attribute domain values:
        Unrepresentable domain:
            Number

Attribute:
    Attribute label: COUNTERFLO
    ***Attribute alias:** COUNTERFLO
    Attribute definition:
        Indicates if direction of road has been changed from its original flow of traffic in order to speed up evacuation.
    Attribute definition source:
        TGS

    ***Attribute type:** String
    ***Attribute width:** 50
    ***Attribute precision:** 0
    ***Attribute scale:** 0

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: Y
            Enumerated domain value definition:
                Indicates that direction of road has been changed from its original flow of traffic.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: N
            Enumerated domain value definition:
                Indicates that direction of road has not been changed from its original flow of traffic.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: <BLANK>
            Enumerated domain value definition:
                Unknown or not provided.
            Enumerated domain value definition source:

TGS

Attribute:
    Attribute label: STATE
    __Attribute alias:__ STATE
    Attribute definition:
        Two (2) character abbreviation for state associated with the feature.
    Attribute definition source:
        TGS

    __Attribute type:__ String
    __Attribute width:__ 2
    __Attribute precision:__ 0
    __Attribute scale:__ 0

    Attribute domain values:
        Codeset Ddomain:
            Codeset name: Official USPS Abbreviations - State Abbreviations
            Codeset source: United States Postal Service
            <http://www.usps.com/ncsc/lookups/usps_abbreviations.html>

Attribute:
    Attribute label: SHELTERROU
    __Attribute alias:__ SHELTERROU
    Attribute definition:
        Indicates if evacuation route ends at a designated shelter.
    Attribute definition source:
        TGS

    __Attribute type:__ String
    __Attribute width:__ 1
    __Attribute precision:__ 0
    __Attribute scale:__ 0

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: Y
            Enumerated domain value definition:
                Indicates that evacuation route ends at a designated shelter.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: N
            Enumerated domain value definition:
                Indicates that evacuation route does not end at a designated shelter.
            Enumerated domain value definition source:
                TGS

    Attribute domain values:
        Enumerated domain:
            Enumerated domain value: <BLANK>
            Enumerated domain value definition:
                Unknown or not provided.
            Enumerated domain value definition source:
                TGS

Attribute:
    __Attribute label:__ SHAPE
    __Attribute alias:__ Shape
    __Attribute definition:__
        Feature geometry.
    __Attribute definition source:__
        ESRI

***Attribute type:** Geometry
***Attribute width:** 4
***Attribute precision:** 0
***Attribute scale:** 0

Attribute domain values:
    ***Unrepresentable domain:**
        Coordinates defining the features.

Attribute:
    ***Attribute label:** SHAPE.LEN
    ***Attribute alias:** SHAPE.LEN

    ***Attribute type:** Double
    ***Attribute width:** 0
    ***Attribute precision:** 0
    ***Attribute scale:** 0

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Distribution Information:

Resource description: Downloadable Data

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Metadata Reference Information:

Metadata date: 20070621

***Language of metadata:** en

Metadata contact:
  Contact information:
    Contact person primary:
      Contact person: Mike Thompson
      Contact organization: Techni Graphic Systems, Inc.
    Contact organization primary:
      Contact person: REQUIRED: The person responsible for the metadata information.
      Contact organization: REQUIRED: The organization responsible for the metadata information.
    Contact position: Director of Geospatial Datasets

    Contact address:
      Address type: Mailing and Physical Address
      Address:
        2000 Noble Drive
      City: Wooster
      State or province: OH
      Postal code: 44691
      Country: USA

    Contact voice telephone: 330-263-6222
    Contact facsimile telephone: 330-263-6294

    Contact electronic mail address: mthompson@tgstech.com

    Hours of service: 8am - 5pm, Monday - Friday, Eastern Time

Metadata standard name: FGDC Content Standards for Digital Geospatial Metadata

Metadata standard version: FGDC-STD-001-1998
***Metadata time convention:** local time

Metadata extensions:
 ***Online linkage:** http://www.esri.com/metadata/esriprof80.html
 ***Profile name:** ESRI Metadata Profile

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Geoprocessing History:

Process:
 ***Date:** 20101029
 ***Time:** 142428
 ***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\FeatureClassToFeatureClass
 ***Command issued:** FeatureClassToFeatureClass D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC "Database Connections\sdv_public@tccdt26.sde" PUBLIC_HRCN_EVCTN_RTE_ARC # "ID 'ID' true true false 20 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ID,-1,-1;METLNKID 'METLNKID' true true false 10 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,METLNKID,-1,-1;SECCLASS 'SECCLASS' true true false 15 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,SECCLASS,-1,-1;ROAD_CLASS 'ROAD_CLASS' true true false 30 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ROAD_CLASS,-1,-1;ROAD_NAME 'ROAD_NAME' true true false 80 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ROAD_NAME,-1,-1;ALTROADNAM 'ALTROADNAM' true true false 80 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADNAM,-1,-1;ALTROADN_1 'ALTROADN_1' true true false 80 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADN_1,-1,-1;ALTROADN_2 'ALTROADN_2' true true false 80 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADN_2,-1,-1;PAVED 'PAVED' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,PAVED,-1,-1;MEDIAN 'MEDIAN' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,MEDIAN,-1,-1;LANECATEGR 'LANECATEGR' true true false 2 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,LANECATEGR,-1,-1;TOLLWAY 'TOLLWAY' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,TOLLWAY,-1,-1;TUNNEL 'TUNNEL' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,TUNNEL,-1,-1;BRIDGE 'BRIDGE' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,BRIDGE,-1,-1;RAMP 'RAMP' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,RAMP,-1,-1;LPOSTALCOD 'LPOSTALCOD' true true false 11 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,LPOSTALCOD,-1,-1;RPOSTALCOD 'RPOSTALCOD' true true false 11 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,RPOSTALCOD,-1,-1;SHAPE_LENG 'SHAPE_LENG' true true false 8 Double 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,SHAPE_LENG,-1,-1;COUNTERFLO 'COUNTERFLO' true true false 50 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,COUNTERFLO,-1,-1;STATE 'STATE' true true false 2 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,STATE,-1,-1;SHELTERROU 'SHELTERROU' true true false 1 Text 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,SHELTERROU,-1,-1;Shape_Length 'Shape_Length' false true true 8 Double 0 0 ,First,#,D:\SDV\InitialLoad\PublicFacilitesPilot2.gdb\PUBLIC_HRCN_EVCTN_RTE_ARC,Shape_Length,-1,-1" # "Database

Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC"

Process:
 * **Date:** 20101101
 * **Time:** 145634
 * **Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Project
 * **Command issued:** Project "Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC" "Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC_Pr" PROJCS ['NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet',GEOGCS ['GCS_North_American_1983',DATUM['D_North_American_1983',SPHEROID ['GRS_1980',6378137.0,298.257222101]],PRIMEM['Greenwich',0.0],UNIT ['Degree',0.0174532925199433]],PROJECTION['Lambert_Conformal_Conic'],PARAMETER ['False_Easting',2000000.002616666],PARAMETER['False_Northing',0.0],PARAMETER ['Central_Meridian',-79.0],PARAMETER['Standard_Parallel_1',34.33333333333334],PARAMETER ['Standard_Parallel_2',36.16666666666666],PARAMETER['Latitude_Of_Origin',33.75],UNIT ['Foot_US',0.3048006096012192]] # PROJCS ['NAD_1983_StatePlane_North_Carolina_FIPS_3200',GEOGCS['GCS_North_American_1983',DATUM ['D_North_American_1983',SPHEROID['GRS_1980',6378137.0,298.257222101]],PRIMEM ['Greenwich',0.0],UNIT['Degree',0.0174532925199433]],PROJECTION ['Lambert_Conformal_Conic'],PARAMETER['False_Easting',609601.22],PARAMETER ['False_Northing',0.0],PARAMETER['Central_Meridian',-79.0],PARAMETER ['Standard_Parallel_1',34.33333333333334],PARAMETER ['Standard_Parallel_2',36.16666666666666],PARAMETER['Latitude_Of_Origin',33.75],UNIT ['Meter',1.0]]

Process:
 * **Date:** 20101102
 * **Time:** 092433
 * **Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\FeatureClassToFeatureClass
 * **Command issued:** FeatureClassToFeatureClass "Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC" "Database Connections\sdv_public@tccdq26.sde" PUBLIC_HRCN_EVCTN_RTE_ARC # "ID 'ID' true true false 20 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ID,-1,-1;METLNKID 'METLNKID' true true false 10 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,METLNKID,-1,-1;SECCLASS 'SECCLASS' true true false 15 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,SECCLASS,-1,-1;ROAD_CLASS 'ROAD_CLASS' true true false 30 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ROAD_CLASS,-1,-1;ROAD_NAME 'ROAD_NAME' true true false 80 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ROAD_NAME,-1,-1;ALTROADNAM 'ALTROADNAM' true true false 80 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADNAM,-1,-1;ALTROADN_1 'ALTROADN_1' true true false 80 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADN_1,-1,-1;ALTROADN_2 'ALTROADN_2' true true false 80 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,ALTROADN_2,-1,-1;PAVED 'PAVED' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,PAVED,-1,-1;MEDIAN 'MEDIAN' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,MEDIAN,-1,-1;LANECATEGR 'LANECATEGR' true true false 2 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,LANECATEGR,-1,-1;TOLLWAY 'TOLLWAY' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,TOLLWAY,-1,-1;TUNNEL 'TUNNEL' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,TUNNEL,-1,-1;BRIDGE 'BRIDGE' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,BRIDGE,-1,-1;RAMP 'RAMP' true true false 1 Text 0 0 ,First,#,Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,RAMP,-1,-1;LPOSTALCOD 'LPOSTALCOD' true true false 11 Text 0 0 ,First,#,Database

Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,LPOSTALCOD,-1,-1;RPOSTALCOD 'RPOSTALCOD' true true false 11 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,RPOSTALCOD,-1,-1;SHAPE_LENG 'SHAPE_LENG' true true false 8 Double 8 38 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,SHAPE_LENG,-1,-1;COUNTERFLO 'COUNTERFLO' true true false 50 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,COUNTERFLO,-1,-1;STATE 'STATE' true true false 2 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,STATE,-1,-1;SHELTERROU 'SHELTERROU' true true false 1 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,SHELTERROU,-1,-1;SHAPE_LEN 'SHAPE_LEN' false false true 0 Double 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC,SHAPE.LEN,-1,-1"
"Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC"

Process:
*__Date:__ 20101102
*__Time:__ 092440
*__Tool location:__ D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\ChangePrivileges
*__Command issued:__ ChangePrivileges "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC" SDV_PUBLIC_READER GRANT AS_IS "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC"

Process:
*__Date:__ 20101102
*__Time:__ 092447
*__Tool location:__ D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Analyze
*__Command issued:__ Analyze "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC" BUSINESS "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC"

Process:
*__Date:__ 20101102
*__Time:__ 092452
*__Tool location:__ D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Analyze
*__Command issued:__ Analyze "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC" FEATURE "Database Connections\sdv_public@tccdq26.sde\SDV_PUBLIC.PUBLIC_HRCN_EVCTN_RTE_ARC"

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