

## NCDOT Interstate Milemarkers

**Data format:** SDE Feature Class

**File or table name:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT

**Coordinate system:** Lambert Conformal Conic

**Theme keywords:** Interstate, Highways, Transportation, Milemarker

**Abstract:** A point type file representing the location of Interstate Milemarkers across North Carolina. The data were collected using Mapping Grade differential GPS by the NCDOT Pavement Management Unit. GPS Corrections and final preparation as shapefile format were made by the NCDOT GIS Unit. In most cases, milemarkers are available for both directions of travel on any given Interstate.

### 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:** The North Carolina Department of Transportation Geographic Information Systems Unit

**Title:**

NCDOT Interstate Milemarkers

**\*File or table name:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT

**Publication date:** October 20, 2006

**Edition:** 1.0

**\*Geospatial data presentation form:** vector digital data

**Publication information:**

**Publication place:** Raleigh, North Carolina

**Publisher:** The North Carolina Department of Transportation Geographic Information Systems Unit

**Online linkage:** [\\DOT\DFSROOT01\GROUPS-GISDATADEV\GPS\Milemarker\\_production\MapProjLayers\FinalMilemarkersSHP\MilemarkIntv1.shp](\\DOT\DFSROOT01\GROUPS-GISDATADEV\GPS\Milemarker_production\MapProjLayers\FinalMilemarkersSHP\MilemarkIntv1.shp)

**Description:**

**Abstract:**

A point type file representing the location of Interstate Milemarkers across North Carolina. The data were collected using Mapping Grade differential GPS by the NCDOT Pavement Management Unit. GPS Corrections and final preparation as shapefile format were made by the NCDOT GIS Unit. In most cases, milemarkers are available for both directions of travel on any given Interstate.

**Purpose:**

The purpose for collecting these data was to generate a statewide spatial representation of highway milemarkers for use in the NCDOT Linear Referencing System as well as other GIS applications.

**Supplemental information:**

Data was collected using Trimble ProXRS Mapping Grade GPS equipment. The granularity in which data were collected consists of unique County, Route, and direction of travel segments; e.g Wake County, I 40, EastBound. These individual county, route, and direction files were merged to create a statewide layer. For each Milemarker, 12 positions were collected and differentially corrected using postprocessed code methods. An average of the 12 positions was calculated during postprocessing, this location is represented in the data layer. Base stations within 50 miles of the milemarker were targeted for use in differential correction, in some cases this was not feasible and base stations outside the 50 mile radius were used.

This dataset also includes points representing County Line markers along Interstates. These were included in the data collection effort for use as reference points. Please note column 'FTR\_TYP\_NM' to distinguish the difference between features.

List of Interstate Segments Not Included in this file:

I-277 NB and SB, Mecklenburg Co., Dangerous Traffic situation Milemarkers not collected.

I-26 Portions of NB and SB, Buncombe Co., Shown in Milemarkers for US routes. This portion of I-26 is officially considered US 19 at time of data collection.

I-73/74 Portions of NB and SB, Montgomery and Randolph Co's, Shown in Milemarkers for US routes. This portion of I-73/74 is still officially considered US 220 at time of data collection.

I-140 EB and WB, New Hanover Co., Open to traffic at time of data collection, but no milemarkers were installed yet.

I-95Bus NB and SB, Cumberland Co., Shown in Milemarkers for US routes. This portion of I-95Bus is considered US 301

I-40 Portions of EB and WB, Wake and Johnston Co's. Milemarkers removed due to construction.

Various Interstates- Milemarkers missing and could not be located using GPS equipment. Includes some Business routes that do not have milemarkers.

**\*Language of dataset:** en

**Time period of content:****Time period information:****Single date/time:**

**Calendar date:** 2006

**Currentness reference:**

publication date

**Status:**

**Progress:** In work

**Maintenance and update frequency:** None planned

**Spatial domain:****Bounding coordinates:**

**\*West bounding coordinate:** -83.135369

**\*East bounding coordinate:** -77.575782

**\*North bounding coordinate:** 36.574026

**\*South bounding coordinate:** 34.227483

**Local bounding coordinates:**

**\*Left bounding coordinate:** 784762.568842

**\*Right bounding coordinate:** 2418313.322812

**\*Top bounding coordinate:** 1027883.853030

**\*Bottom bounding coordinate:** 198400.292978

**Keywords:****Theme:**

**Theme keywords:** Interstate, Highways, Transportation

**Theme keyword thesaurus:** ISO 19115 Topic Category

**Theme:**

**Theme keywords:** Milemarker

**Theme keyword thesaurus:** None

**Place:****Place keywords:** North Carolina, NC**Place keyword thesaurus:** None**Access constraints:** None**Use constraints:**

The North Carolina Department of Transportation shall not be held liable for any errors in this data. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be constructed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data. This data may not be resold.

**Point of contact:****Contact information:****Contact person primary:****Contact person:** GIS Help Desk**Contact organization:** NC Department of Transportation Geographic Information Systems Unit**Contact address:****Address type:** mailing and physical address**Address:**

3401 Carl Sandburg Ct

**City:** Raleigh**State or province:** North Carolina**Postal code:** 27610**Country:** USA**Contact voice telephone:** 919-212-6000**Contact facsimile telephone:** 919-212-5999**Contact electronic mail address:** gishelp@dot.state.nc.us**Hours of service:** 9am to 5pm, M-F**Contact instructions:**

Phone or e-mail.

**Data set credit:**

NC Department of Transportation Geographic Information Systems Unit

**Security information:****Security classification system:** None**Security classification:** Unclassified**Security handling description:** None**\*Native dataset format:** SDE Feature Class**\*Native data set environment:**

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI ArcCatalog 9.3.1.3000

[Back to Top](#)**Data Quality Information:****Attribute accuracy:****Attribute accuracy report:**

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

**Logical consistency report:**

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

**Completeness report:**

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

**Positional accuracy:****Horizontal positional accuracy:****Horizontal positional accuracy report:**

There are no measurement, precision, spatial, or data schema standards assigned to this data set.

**Lineage:**

**Source information:**

**Source citation:**

**Citation information:**

**Publication date:** Unknown

**Publication time:** Unknown

**Publication information:**

**Source scale denominator:** 1

**Type of source media:** GPS

**Source contribution:**

Data was collected using Trimble ProXRS GPS and differentially corrected using Trimble Pathfinder Office v3.0.

**Source time period of content:**

**Time period information:**

**Range of dates/times:**

**Beginning date:** February, 2006

**Ending date:** September, 2006

**Source currentness reference:**

publication date

**Process step:**

**Process description:**

Data was collected using Trimble ProXRS Mapping Grade GPS equipment. The granularity in which data were collected consists of unique County, Route, and direction of travel segments; e.g Wake County, I 40, EastBound. These individual county, route, and direction files were merged to create a statewide layer. For each Milemarker, 12 positions were collected and differentially corrected using postprocessed code methods. An average of the 12 positions was calculated during postprocessing, this location is represented in the data layer. Base stations within 50 miles of the milemarker were targeted for use in differential correction, in some cases this was not feasible and base stations outside the 50 mile radius were used.

**Process date:** March 2006 to September 2006

**Process contact:**

**Contact information:**

**Contact person primary:**

**Contact person:** Spatial Data Management Group

**Contact organization:** North Carolina Department of Transportation Geographic Information Systems (GIS) Unit GIS Technology Section

**Contact address:**

**Address type:** mailing and physical address

**Address:**

3401 Carl Sandburg Ct

**City:** Raleigh

**State or province:** North Carolina

**Postal code:** 27610

**Country:** USA

**Contact voice telephone:** (919) 212-6000

**Contact facsimile telephone:** (919) 212-5999

**Contact electronic mail address:** gishelp@dot.state.nc.us

**Process step:**

**Process description:**

Dataset copied.

**Source used citation abbreviation:**

**Process step:****Process description:**

Dataset copied.

**Process date:** 20101004**Process time:** 12393100**Source used citation abbreviation:**

\\DOT\DFSRoot01\Groups-

GISDataExt\AnalysisProjects\GeoDatabases\GIS\_Transportation\DOT\_Misc.gdb

[Back to Top](#)

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**Spatial Data Organization Information:****\*Direct spatial reference method:** Vector**Point and vector object information:****SDTS terms description:****\*Name:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT**\*SDTS point and vector object type:** Entity point**\*Point and vector object count:** 0**ESRI terms description:****\*Name:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT**\*ESRI feature type:** Simple**\*ESRI feature geometry:** Point**\*ESRI topology:** FALSE**\*ESRI feature count:** 0**\*Spatial index:** TRUE**\*Linear referencing:** TRUE[Back to Top](#)

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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:** North American Datum of 1983**\*Ellipsoid name:** Geodetic Reference System 80**\*Semi-major axis:** 6378137.000000

\***Denominator of flattening ratio:** 298.257222

**Vertical coordinate system definition:**

**Altitude system definition:**

\***Altitude resolution:** 1.000000

\***Altitude encoding method:** Explicit elevation coordinate included with horizontal coordinates

[Back to Top](#)

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**Entity and Attribute Information:**

**Detailed description:**

\***Name:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT

**Entity type:**

\***Entity type label:** SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT

\***Entity type type:** Feature Class

\***Entity type count:** 0

**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:** FTR\_TYP\_NM

\***Attribute alias:** Feature Type Name

**Attribute definition:**

Represents the sign type, either County Line Marker or Highway Milemarker.

**Attribute definition source:**

NCDOT LRS Version 1.0

\***Attribute type:** String

\***Attribute width:** 20

\***Attribute precision:** 0

\***Attribute scale:** 0

**Attribute domain values:**

**Enumerated domain:**

**Enumerated domain value:** County Line Marker

**Enumerated domain:**

**Enumerated domain value:** Milemarker

**Attribute:**

\***Attribute label:** RTE\_NBR

\***Attribute alias:** Route 1

\***Attribute type:** Integer

\***Attribute width:** 4

\***Attribute precision:** 10

\***Attribute scale:** 0

**Attribute:**

\***Attribute label:** RTE\_1\_PRIM\_CD  
 \***Attribute alias:** Primary Route Type

\***Attribute type:** String  
 \***Attribute width:** 20  
 \***Attribute precision:** 0  
 \***Attribute scale:** 0

**Attribute:**

\***Attribute label:** RTE\_1\_DDIR\_CD  
 \***Attribute alias:** Route Direction

\***Attribute type:** String  
 \***Attribute width:** 20  
 \***Attribute precision:** 0  
 \***Attribute scale:** 0

**Attribute:**

**Attribute label:** FTR\_ID  
 \***Attribute alias:** Milemarker ID

**Attribute definition:**

Represents the posted milemarker value in the field.

**Attribute definition source:**  
 NCDOT LRS Version 1.0

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

**Attribute domain values:**

**Range domain:**

**Range domain minimum:** 1  
**Range domain maximum:** 419

**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:** OFST\_LEN  
 \***Attribute alias:** Offset Feet

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

**Attribute:**

\***Attribute label:** OFST\_MILE\_LEN  
 \***Attribute alias:** Offset Miles

\***Attribute type:** Double  
 \***Attribute width:** 8

\***Attribute precision:** 38

\***Attribute scale:** 8

**Attribute:**

\***Attribute label:** MAINT\_CNTY\_CD

\***Attribute alias:** County

\***Attribute type:** Double

\***Attribute width:** 8

\***Attribute precision:** 38

\***Attribute scale:** 8

**Attribute:**

\***Attribute label:** RTE\_1\_CLSS\_CD

\***Attribute alias:** Route Class

\***Attribute type:** String

\***Attribute width:** 29

\***Attribute precision:** 0

\***Attribute scale:** 0

**Attribute:**

\***Attribute label:** CNTY\_RTE\_NBR

\***Attribute alias:** County Route Number

\***Attribute type:** Double

\***Attribute width:** 8

\***Attribute precision:** 38

\***Attribute scale:** 8

[Back to Top](#)

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## Distribution Information:

**Distributor:**

**Contact information:**

**Contact organization primary:**

**Contact organization:** NC Department of Transportation Geographic Information Systems Unit

**Contact address:**

**Address type:** mailing and physical address

**Address:**

3401 Carl Sandburg Ct

**City:** Raleigh

**State or province:** North Carolina

**Postal code:** 27610

**Contact voice telephone:** 919-212-6000

**Contact facsimile telephone:** 919-212-5999

**Contact electronic mail address:** gishelp@dot.state.nc.us

**Hours of service:** 9:00 am - 5:00 pm, Mon. - Fri.

**Contact instructions:**

E-mail and phone

**Resource description:** Available through NCDOT GIS Help Desk. (919) 212-6000 or GISHelp@dot.state.nc.us.

**Distribution liability:**

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**Standard order process:**



**Digital form:****Digital transfer information:****Format name:** ESRI Shapefile**File decompression technique:** no compression applied**Transfer size:** 0.066**\*Dataset size:** 0.070**Digital transfer option:****Online option:****Computer contact information:****Network address:****Network resource name:** [N/A](#)**Access instructions:**

N/A

**Online computer and operating system:**

N/A

**Fees:** N/A**Custom order process:**

none

**Technical prerequisites:**

ESRI Software

**Available time period:****Time period information:****Range of dates/times:****Beginning date:** November 1, 2006**Ending date:** Present[Back to Top](#)**Metadata Reference Information:****\*Metadata date:** 20101026**\*Language of metadata:** en**Metadata contact:****Contact information:****Contact person primary:****Contact person:** GIS Help Desk**Contact organization:** NC Department of Transportation Geographic Information Systems Unit**Contact address:****Address type:** mailing and physical address**Address:**

3401 Carl Sandburg Ct

**City:** Raleigh**State or province:** North Carolina**Postal code:** 27610**Country:** USA**Contact voice telephone:** 919-212-6000**Contact facsimile telephone:** 919-212-5999**Contact electronic mail address:** [gishelp@dot.state.nc.us](mailto:gishelp@dot.state.nc.us)**Hours of service:** 9:00 am- 5pm M-F**Contact instructions:**

E-mail or phone

**\*Metadata standard name:** FGDC Content Standards for Digital Geospatial Metadata**\*Metadata standard version:** FGDC-STD-001-1998**\*Metadata time convention:** local time

**Metadata access constraints:** None

**Metadata use constraints:**

The North Carolina Department of Transportation shall not be held liable for any errors in this metadata. This includes errors of omission, commission, errors concerning the content of the data, and relative and positional accuracy of the data. This data cannot be constructed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data. This data may not be resold.

**Metadata extensions:**

**Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

**Profile name:** ESRI Metadata Profile

**Metadata extensions:**

**Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

**Profile name:** ESRI Metadata Profile

**Metadata extensions:**

**Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

**Profile name:** ESRI Metadata Profile

**Metadata extensions:**

\***Online linkage:** <http://www.esri.com/metadata/esriprof80.html>

\***Profile name:** ESRI Metadata Profile

[Back to Top](#)

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## Geoprocessing History:

**Process:**

\***Process name:** FeatureClassToFeatureClass\_1

\***Date:** 20090610

\***Time:** 092406

\***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion Tools.tbx\FeatureClassToFeatureClass

\***Command issued:** FeatureClassToFeatureClass D:\SPOT\Layers\MilemarkerInterstate.shp T:\AnalysisProjects\GeoDatabases\GIS\_Transportation\DOT\_Misc.gdb MilemarkerSigns # "RTE RTE true false false 5 Long 0 5 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,RTE,-1,-1;PRTE\_TYP\_N PRTE\_TYP\_N true false false 20 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,PRTE\_TYP\_N,-1,-1;SUBRTE\_DRC SUBRTE\_DRC true false false 20 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,SUBRTE\_DRC,-1,-1;FTR\_TYP\_NM FTR\_TYP\_NM true false false 20 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,FTR\_TYP\_NM,-1,-1;FTR\_ID FTR\_ID true false false 15 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,FTR\_ID,-1,-1;Offset Offset true false false 30 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,Offset,-1,-1;OffMile OffMile true false false 19 Double 11 18 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,OffMile,-1,-1;NewMile NewMile true false false 19 Double 11 18 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,NewMile,-1,-1;County County true false false 15 Double 0 15 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,County,-1,-1;RTE\_CLS\_NM RTE\_CLS\_NM true false false 29 Text 0 0 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,RTE\_CLS\_NM,-1,-1;CNTY\_ROUTE CNTY\_ROUTE true false false 10 Double 0 10 ,First,#,D:\SPOT\Layers\MilemarkerInterstate.shp,CNTY\_ROUTE,-1,-1" # T:\AnalysisProjects\GeoDatabases\GIS\_Transportation\DOT\_Misc.gdb\MilemarkerSigns

**Process:**

\***Date:** 20101014

\***Time:** 134143

\***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Append

\***Command issued:** Append L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerUS.shp

"S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2

Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT" TEST # # "S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2

Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT"

**Process:**

\***Date:** 20101014

\***Time:** 140056

**\*Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Append  
**\*Command issued:** Append L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp  
 "S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT" NO\_TEST "RTE 'RTE' true true false 4  
 Long 0 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,RTE,-1,-  
 1;PRTE\_TYP\_N 'PRTE\_TYP\_N' true true false 20 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,PRTE\_TYP\_N,-1,-  
 1;SUBRTE\_DRC 'SUBRTE\_DRC' true true false 20 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,SUBRTE\_DRC,-1,-  
 1;FTR\_TYP\_NM 'FTR\_TYP\_NM' true true false 20 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,FTR\_TYP\_NM,-1,-1;FTR\_ID  
 'FTR\_ID' true true false 15 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,FTR\_ID,-1,-1;Offset 'Offset'  
 true true false 30 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,OFFSET,-1,-1;OffMile  
 'OffMile' true true false 8 Double 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,OFFMILE,-1,-1;NewMile  
 'NewMile' true true false 8 Double 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,NEWMILE,-1,-1;County  
 'County' true true false 8 Double 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,COUNTY,0,10;RTE\_CLS\_NM  
 'RTE\_CLS\_NM' true true false 29 Text 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,RTE\_CLS\_NM,-1,-  
 1;CNTY\_ROUTE 'CNTY\_ROUTE' true true false 8 Double 0  
 0 ,First,#,L:\DistributionCustomer\Shapefiles\Transportation\MilemarkerNC.shp,CNTY\_ROUTE,-1,-1" #  
 "S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT"

#### Process:

**\*Date:** 20101015  
**\*Time:** 140908  
**\*Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion  
 Tools.tbx\FeatureClassToFeatureClass  
**\*Command issued:** FeatureClassToFeatureClass "S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT" "S:\GIS-  
 TechShare\SDVProject\_Data\SDV Priority 2 Data\53Milemarkers\NCDOT\_MileMarkers.gdb"  
 ROAD\_MILEMARKER\_POINT # "RTE\_NBR 'Route 1' true true false 4 Long 0 0 ,First,#,S:\GIS-  
 TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,RTE,-1,-1;RTE\_1\_PRIM\_CD 'Primary  
 Route Type' true true false 20 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,PRTE\_TYP\_N,-1,-1;RTE\_1\_DDIR\_CD  
 'Route Direction' true true false 20 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,SUBRTE\_DRC,-1,-1;FTR\_TYP\_NM 'Feature  
 Type Name' true true false 20 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,FTR\_TYP\_NM,-1,-1;FTR\_ID 'Milemarker  
 ID' true true false 15 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,FTR\_ID,-1,-1;OFST\_LEN 'Offset Feet' true  
 true false 30 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,Offset,-1,-1;OFST\_MILE\_LEN 'Offset  
 Miles' true true false 8 Double 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,OffMile,-1,-1;MAINT\_CNTY\_CD 'County'  
 true true false 8 Double 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,County,-1,-1;RTE\_1\_CLSS\_CD 'Route  
 Class' true true false 29 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,RTE\_CLS\_NM,-1,-1;CNTY\_ROUTE\_NBR  
 'County Route Number' true true false 8 Double 0 0 ,First,#,S:\GIS-TechShare\SDVProject\_Data\SDV  
 Priority 2 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\Milemarker\_POINT,CNTY\_ROUTE,-1,-1" # "S:\GIS-  
 TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\ROAD\_MILEMARKER\_POINT"

#### Process:

**\*Date:** 20101018  
**\*Time:** 090842  
**\*Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion  
 Tools.tbx\FeatureClassToFeatureClass  
**\*Command issued:** FeatureClassToFeatureClass "S:\GIS-TechShare\SDVProject\_Data\SDV Priority 2  
 Data\53Milemarkers\NCDOT\_MileMarkers.gdb\ROAD\_MILEMARKER\_POINT" "Database

```

Connections\sdv_public@tccdt26.sde" ROAD_MILEMARKER_POINT # "RTE_NBR 'Route 1' true true false 4
Long 0 0 ,First,#,S:\GIS-TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,RTE_NBR,-1,-1;RTE_1_PRIM_CD
'Primary Route Type' true true false 20 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,RTE_1_PRIM_CD,-1,-
1;RTE_1_DDIR_CD 'Route Direction' true true false 20 Text 0 0 ,First,#,S:\GIS-
TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,RTE_1_DDIR_CD,-1,-
1;FTR_TYP_NM 'Feature Type Name' true true false 20 Text 0 0 ,First,#,S:\GIS-
TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,FTR_TYP_NM,-1,-1;FTR_ID
'Milemarker ID' true true false 15 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,FTR_ID,-1,-1;OFST_LEN 'Offset
Feet' true true false 30 Text 0 0 ,First,#,S:\GIS-TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,OFST_LEN,-1,-
1;OFST_MILE_LEN 'Offset Miles' true true false 8 Double 0 0 ,First,#,S:\GIS-
TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,OFST_MILE_LEN,-1,-
1;MAINT_CNTY_CD 'County' true true false 8 Double 0 0 ,First,#,S:\GIS-TechShare\SDVProject_Data\SDV
Priority 2 Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,MAINT_CNTY_CD,-1,-
1;RTE_1_CLSS_CD 'Route Class' true true false 29 Text 0 0 ,First,#,S:\GIS-
TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,RTE_1_CLSS_CD,-1,-
1;CNTY_RTE_NBR 'County Route Number' true true false 8 Double 0 0 ,First,#,S:\GIS-
TechShare\SDVProject_Data\SDV Priority 2
Data\53Milemarkers\NCDOT_MileMarkers.gdb\ROAD_MILEMARKER_POINT,CNTY_RTE_NBR,-1,-1" #
"Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT"

```

**Process:**

```

*Date: 20101018
*Time: 093325
*Tool location: D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management
Tools.tbx\AssignDomainToField
*Command issued: AssignDomainToField "Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT" MAINT_CNTY_CD
CountyStateCodes # "Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT"

```

**Process:**

```

*Date: 20101026
*Time: 190436
*Tool location: D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion
Tools.tbx\FeatureClassToFeatureClass
*Command issued: FeatureClassToFeatureClass "Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT" "Database
Connections\sdv_public@tccdt26.sde" ROAD_MILEMARKER_POINT # "RTE_NBR 'Route 1' true true false 4
Long 0 10 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,RTE_NBR,-1,-
1;RTE_1_PRIM_CD 'Primary Route Type' true true false 20 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,RTE_1_PRIM_CD,-1,-
1;RTE_1_DDIR_CD 'Route Direction' true true false 20 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,RTE_1_DDIR_CD,-1,-
1;FTR_TYP_NM 'Feature Type Name' true true false 20 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,FTR_TYP_NM,-1,-1;FTR_ID
'Milemarker ID' true true false 15 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,FTR_ID,-1,-1;OFST_LEN
'Offset Feet' true true false 30 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,OFST_LEN,-1,-
1;OFST_MILE_LEN 'Offset Miles' true true false 8 Double 8 38 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,OFST_MILE_LEN,-1,-
1;MAINT_CNTY_CD 'County' true true false 8 Double 8 38 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,MAINT_CNTY_CD,-1,-
1;RTE_1_CLSS_CD 'Route Class' true true false 29 Text 0 0 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,RTE_1_CLSS_CD,-1,-
1;CNTY_RTE_NBR 'County Route Number' true true false 8 Double 8 38 ,First,#,Database
Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT,CNTY_RTE_NBR,-1,-1" #
"Database Connections\sdv_public@tccdt26.sde\SDV_PUBLIC.ROAD_MILEMARKER_POINT"

```

**Process:**

\***Date:** 20101026  
\***Time:** 190441  
\***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\ChangePrivileges  
\***Command issued:** ChangePrivileges "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT" SDV\_PUBLIC\_READER GRANT AS\_IS "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT"

**Process:**

\***Date:** 20101026  
\***Time:** 190446  
\***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Analyze  
\***Command issued:** Analyze "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT" BUSINESS "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT"

**Process:**

\***Date:** 20101026  
\***Time:** 190451  
\***Tool location:** D:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Analyze  
\***Command issued:** Analyze "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT" FEATURE "Database Connections\sdv\_public@tccdq26.sde\SDV\_PUBLIC.ROAD\_MILEMARKER\_POINT"

[Back to Top](#)