NC 2024-2028 Highway Maintenance Improvement Program Roads - NC Department of Transportation

Geodatabase Feature Class

Tags

Line, NCDOT, Pavement, Pavement Management, Transportation, Highway, Roads, Routes, State Highway Network, Highway Maintenance, Highway Improvements, Highway Rehabilitation

Summary

Lines representing roads in the 2024-2028 Highway Maintenance Improvement Program (HMIP) as approved by the North Carolina Board of Transportation. The three types of road improvement are resurfacing, preservation, and rehabilitation. Attributes also include the treatment specifics, length of the treatment, the physical description of the begin and end limit of where the treatment is to be applied, the route name to be treated and county location of the improvement project.

Description

The NCDOT Pavement Management Unit (PMU) under Division of Highways, Operations Program Management maintains the authoritative pavement data in the NCDOT Pavement Management System. Among various functions, the system manages pavement condition data and maintains a history of road construction and maintenance treatments.

G.S. 143B-350(f)(4a) requires that the NCDOT publish a schedule of State highway maintenance projects and their anticipated costs. This schedule is designated the Highway Maintenance Improvement Program (HMIP) and is established in G.S. 136-44.3A. It requires the NC DOT to submit a multi-year maintenance plan covering the road preservation, resurfacing, and rehabilitation plans of the NCDOT Divisions. Each Division will have a schedule for each county for each year of the plan that includes the location, selected treatment, and estimated cost. The plan is to be based on the previous fiscal year's Contract Resurfacing and Pavement Preservation allocations. The published schedule shall include the anticipated funding sources for the improvement projects included in the HMIP, a list of any changes made from the previous year's HMIP, and the reasons for the changes. G.S. 143B-350(f) requires the plan be posted to the Department's website by April 1st of each year. Field Divisions create their HMIP in the NCDOT's Pavement Management System. This data is then exported for Board of Transportation approval. Once approved, the HMIP plan becomes official. The 2024-2028 HMIP was approved by the Board of Transportation at their March 2023 meeting.

NCDOT's Pavement Management Unit generates GIS data output from the Pavement Management System in a File Geodatabase format and distributes to the GIS Unit at the North Carolina Department of Information Technology-Transportation. This dataset is designed to give a linear representation of the HMIP attribute information collected in the PMU's system database. These attributes were dynamically matched to the NCDIT-T GIS Unit's Linear Reference System Network of routes to produce this layer.

Credits

The North Carolina Department of Transportation, Division of Highways, Pavement Management Unit.

Support and maintenance of the enterprise spatial database where this data resides is handled by the North Carolina Department of Information Technology-Transportation, GIS Unit.

Use limitations

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 construed to be a legal document. Primary sources from which this data was compiled must be consulted for verification of information contained in this data.

Extent

West -84.321511   **East**   -75.461601
North 36.587286   **South** 33.865960

Scale Range

Maximum (zoomed in)   1:5,000
Minimum (zoomed out) 1:500,000

ArcGIS Metadata ►

Topics and Keywords ►

THEMES OR CATEGORIES OF THE RESOURCE   location, planningCadastre, transportation

CONTENT TYPE   Geographic Services
   EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION   No

PLACE KEYWORDS   North Carolina

THESAURUS   ►
TITLE   User
CREATION DATE   2024-03-06   00:00:00
PUBLICATION DATE   2024-03-14   00:00:00

Hide Thesaurus ▲

THEME KEYWORDS   Line, NCDOT, Pavement, Pavement Management, Transportation, Highway, Roads, Routes, State Highway Network, Highway Maintenance, Highway Improvements, Highway Rehabilitation

THESAURUS   ►
TITLE   User
CREATION DATE   2024-03-06   00:00:00
PUBLICATION DATE   2024-03-14   00:00:00

Hide Thesaurus ▲

Hide Topics and Keywords ▲

Citation ►

TITLE   NC 2024-2028 Highway Maintenance Improvement Program Roads - NC Department of Transportation
ALTERNATE TITLES   2024-2028 HMIP
CREATION DATE   2024-03-06   00:00:00
PUBLICATION DATE   2024-03-14   00:00:00

PRESENTATION FORMATS   * digital map
FGDC GEOSPATIAL PRESENTATION FORMAT   vector digital data

Hide Citation ▲

Citation Contacts ▶

RESPONSIBLE PARTY
  ORGANIZATION'S NAME   North Carolina Department of Transportation, Pavement Management Unit
  CONTACT'S POSITION   Pavement Management Engineer
  CONTACT'S ROLE   originator

   CONTACT INFORMATION   ▶
   PHONE
    VOICE   919-835-8212

    ADDRESS
    TYPE   physical
    DELIVERY POINT   4809 Beryl Road
    CITY   Raleigh
    ADMINISTRATIVE AREA   NC
    POSTAL CODE   27606
    COUNTRY   US
    E-MAIL ADDRESS   crcoombes@ncdot.gov

    HOURS OF SERVICE
    9:00am - 5:00pm Monday - Friday

    CONTACT INSTRUCTIONS
    Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, please call the contact number or indicate as such in the subject line in an email.

    Hide Contact information ▲

RESPONSIBLE PARTY
  ORGANIZATION'S NAME   North Carolina Department of Transportation, Pavement Management Unit
  CONTACT'S POSITION   Pavement Management Engineer
  CONTACT'S ROLE   resource provider

   CONTACT INFORMATION   ▶
   PHONE
    VOICE   919-835-8212

    ADDRESS
    TYPE   physical
    DELIVERY POINT   4809 Beryl Road
    CITY   Raleigh
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RESPONSIBLE PARTY
  ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
  CONTACT'S POSITION   GIS Data and Services Consultant
  CONTACT'S ROLE   point of contact

    CONTACT INFORMATION   ▶
      ADDRESS
        TYPE   physical
        DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
        CITY   Raleigh
        ADMINISTRATIVE AREA   NC
        POSTAL CODE   27610
        COUNTRY   US
        E-MAIL ADDRESS   gishelp@ncdot.gov

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      Hide Contact information ▲

  Hide Citation Contacts ▲

Resource Details ▶

  DATASET LANGUAGES   * English (UNITED STATES)
  DATASET CHARACTER SET   utf8 - 8 bit UCS Transfer Format

  STATUS   completed
  SPATIAL REPRESENTATION TYPE   * vector

  PROCESSING ENVIRONMENT   Esri ArcGIS 12.9.4.32739

  CREDITS
        The North Carolina Department of Transportation, Division of Highways, Pavement Management Unit.

        Support and maintenance of the enterprise spatial database where this data resides is handled by the
        North Carolina Department of Information Technology-Transportation, GIS Unit.

  ARCGIS ITEM PROPERTIES
    * NAME   HMIP_20242028
    * LOCATION   file://\\DOT\DFSROOT01\GROUPS-GISCC\GIS-
  SpatialDataMgmt\Maintenance\OtherDataRefresh\HMIP\HMIP_(Static) - 2024-
  2028\final\compare\NCDOT_HMIP_20242028.gdb
      * ACCESS PROTOCOL   Local Area Network

  Hide Resource Details ▲

Extents ▶

  EXTENT
    GEOGRAPHIC EXTENT
      BOUNDING RECTANGLE
        EXTENT TYPE   Extent used for searching
        WEST LONGITUDE   -84.321511
        EAST LONGITUDE   -75.461601
        NORTH LATITUDE   36.587286

SOUTH LATITUDE   33.865960
EXTENT CONTAINS THE RESOURCE   Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM
  * WEST LONGITUDE   408740.053677
  * EAST LONGITUDE   3041144.778030
  * SOUTH LATITUDE   52831.473600
  * NORTH LATITUDE   1036642.477431
  * EXTENT CONTAINS THE RESOURCE   Yes

Hide Extents ▲

Resource Points of Contact ▶

POINT OF CONTACT
  ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
  CONTACT'S POSITION   GIS Data and Services Consultant
  CONTACT'S ROLE   point of contact

    CONTACT INFORMATION   ▶
    ADDRESS
      TYPE   physical
      DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC
      POSTAL CODE   27610
      COUNTRY   US
      E-MAIL ADDRESS   gishelp@ncdot.gov

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      immediate need, indicate as such in the subject line in an email.

    Hide Contact information ▲

Hide Resource Points of Contact ▲

Resource Maintenance ▶

RESOURCE MAINTENANCE
  UPDATE FREQUENCY   as needed

  SCOPE OF THE UPDATES   dataset

  OTHER MAINTENANCE REQUIREMENTS
      The North Carolina Department of Transportation, Division of Highways, Pavement Management Unit.

      Support and maintenance of the enterprise spatial database where this data resides is handled by the
      North Carolina Department of Information Technology-Transportation, GIS Unit.

  MAINTENANCE CONTACT
    ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
    CONTACT'S POSITION   GIS Data and Services Consultant

CONTACT'S ROLE   point of contact

CONTACT INFORMATION   ▶
ADDRESS
TYPE   physical
DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
CITY   Raleigh
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Hide Contact information ▲

Hide Resource Maintenance ▲

Resource Constraints ▶

CONSTRAINTS
LIMITATIONS OF USE
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LEGAL CONSTRAINTS
LIMITATIONS OF USE
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SECURITY CONSTRAINTS
CLASSIFICATION   unclassified
CLASSIFICATION SYSTEM   None

LIMITATIONS OF USE
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Hide Resource Constraints ▲

Spatial Reference ▶

ArcGIS COORDINATE SYSTEM
* TYPE   Projected
* GEOGRAPHIC COORDINATE REFERENCE   GCS_North_American_1983
* PROJECTION   NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet

* COORDINATE REFERENCE DETAILS
  P**ROJECTED COORDINATE SYSTEM**
    W**ELL-KNOWN IDENTIFIER**   102719
    X **ORIGIN**   -121841900
    Y **ORIGIN**   -93659000
    XY **SCALE**   3048.0060960121928
    Z **ORIGIN**   -100000
    Z **SCALE**   10000
    M **ORIGIN**   -100000
    M **SCALE**   10000
    XY **TOLERANCE**   0.0032808333333333331
    Z **TOLERANCE**   0.001
    M **TOLERANCE**   0.001
    H**IGH PRECISION**   true
    L**ATEST WELL-KNOWN IDENTIFIER**   2264
    W**ELL-KNOWN TEXT**
    PROJCS["NAD_1983_StatePlane_North_Carolina_FIPS_3200_Feet",GEOGCS["GCS_North_American_19
83",DATUM["D_North_American_1983",SPHEROID["GRS_1980",6378137.0,298.257222101]],PRIMEM[
"Greenwich",0.0],UNIT["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],P
ARAMETER["False_Easting",2000000.002616666],PARAMETER["False_Northing",0.0],PARAMETER["Cen
tral_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],A
UTHORITY["EPSG",2264]]

R**EFERENCE SYSTEM IDENTIFIER**
  * VALUE   2264
  * CODESPACE   EPSG
  * VERSION   6.12(9.0.0)

Hide Spatial Reference ▲

Spatial Data Properties ▶

V**ECTOR**   ▶
  * LEVEL OF TOPOLOGY FOR THIS DATASET   geometry only

G**EOMETRIC OBJECTS**
  F**EATURE CLASS NAME**   HMIP_20242028
  * OBJECT TYPE   composite
  * OBJECT COUNT   15714

  Hide Vector ▲

A**RCGIS FEATURE CLASS PROPERTIES**   ▶
  F**EATURE CLASS NAME**   HMIP_20242028
  * FEATURE TYPE   Simple
  * GEOMETRY TYPE   Polyline
  * HAS TOPOLOGY   FALSE
  * FEATURE COUNT   15714
  * SPATIAL INDEX   TRUE
  * LINEAR REFERENCING   FALSE

  Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Data Quality ▶

SCOPE OF QUALITY INFORMATION ▶
RESOURCE LEVEL   dataset

Hide Scope of quality information ▲

DATA QUALITY REPORT - COMPLETENESS COMMISSION   ▶
MEASURE DESCRIPTION
Data quality assessments are performed by the NC Department of Transportation's Pavement Management Unit on the source data at their discretion. No additional quality assessments are made on the GIS product.

CONFORMANCE TEST RESULTS
TEST PASSED   Yes
RESULT EXPLANATION
Pass.

PRODUCT SPECIFICATION   ▶
TITLE   NCDOT Geospatial Data Specifications
CREATION DATE   2022-03-10   00:00:00
PUBLICATION DATE   2022-04-01   00:00:00

Hide Product specification ▲

Hide Data quality report - Completeness commission ▲

Hide Data Quality ▲

Lineage ▶

LINEAGE STATEMENT
This GIS data is generated by NCDOT's Pavement Management Unit (PMU) under Division of Highways, Operations Program Management. PMU maintains the authoritative pavement data in the NCDOT Pavement Management System. PMU generates GIS data output from this system in a File Geodatabase format and distributes to the GIS Unit at the North Carolina Department of Information Technology-Transportation. This dataset is designed to give a linear representation of the Highway Maintenance Improvement Program attribute information collected in the PMU's system database. These attributes were dynamically matched to the NCDIT-T GIS Unit's Linear Reference System Network of routes to produce this layer.

PROCESS STEP   ▶
WHEN THE PROCESS OCCURRED   2024-03-06   00:00:00
DESCRIPTION
NCDOT's Pavement Management Unit generates the data output from the Pavement Management System in File Geodatabase format and distributes to GIS Unit at the North Carolina Department of Information Technology-Transportation.

PROCESS CONTACT
ORGANIZATION'S NAME   North Carolina Department of Transportation, Pavement Management Unit
CONTACT'S POSITION   Pavement Management Engineer

CONTACT'S ROLE   originator

    CONTACT INFORMATION ▶
    PHONE
      VOICE   919-835-8212

    ADDRESS
      TYPE   physical
      DELIVERY POINT   4809 Beryl Road
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC
      POSTAL CODE   27606
      COUNTRY   US
      E-MAIL ADDRESS   crcoombes@ncdot.gov

    HOURS OF SERVICE
    9:00am - 5:00pm Monday - Friday

    CONTACT INSTRUCTIONS
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    Hide Contact information ▲

Hide Process step ▲

PROCESS STEP ▶
  WHEN THE PROCESS OCCURRED   2024-03-14   00:00:00
  DESCRIPTION
    The North Carolina Department of Information Technology-Transportation, GIS Unit reviews the data, evaluates for feature count consistency and data integrity, and prepares for publishing (including metadata updates).

  PROCESS CONTACT
    ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
    CONTACT'S POSITION   GIS Data and Services Consultant
    CONTACT'S ROLE   processor

    CONTACT INFORMATION ▶
    ADDRESS
      TYPE   physical
      DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC
      POSTAL CODE   27610
      COUNTRY   US
      E-MAIL ADDRESS   gishelp@ncdot.gov

    HOURS OF SERVICE
    9:00am - 5:00pm Monday - Friday

    CONTACT INSTRUCTIONS
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    Hide Contact information ▲

Hide Process step ▲

PROCESS STEP ▶
WHEN THE PROCESS OCCURRED   2024-03-14   00:00:00
DESCRIPTION
    The GIS Unit at the North Carolina Department of Information Technology-Transportation publishes the HMIP data and updates maps for service distribution.

PROCESS CONTACT
    ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
    CONTACT'S POSITION   GIS Data and Services Consultant
    CONTACT'S ROLE   point of contact

    CONTACT INFORMATION   ▶
    ADDRESS
        TYPE   physical
        DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
        CITY   Raleigh
        ADMINISTRATIVE AREA   NC
        POSTAL CODE   27610
        COUNTRY   US
        E-MAIL ADDRESS   gishelp@ncdot.gov

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    Hide Contact information ▲

Hide Process step ▲

Hide Lineage ▲

Geoprocessing history ▶

PROCESS
DATE   2024-03-14   08:07:42
TOOL LOCATION   c:\program files\arcgis\pro\Resources\ArcToolbox\Toolboxes\Data Management Tools.tbx\UpdateSchema
COMMAND ISSUED

```
UpdateSchema "CIMDATA=<CIMStandardDataConnection
xsi:type='typens:CIMStandardDataConnection' xmlns:xsi='http://www.w3.org/2001/XMLSchema-
instance' xmlns:xs='http://www.w3.org/2001/XMLSchema'
xmlns:typens='http://www.esri.com/schemas/ArcGIS/2.9.0'><WorkspaceConnectionString>DATAB
ASE=S:\GIS-SpatialDataMgmt\Maintenance\OtherDataRefresh\HMIP\HMIP_(Static) - 2024-
2028\final\compare\NCDOT_HMIP_20242028.gdb</WorkspaceConnectionString><WorkspaceFactory>
FileGDB</WorkspaceFactory><Dataset>HMIP_20242028</Dataset><DatasetType>esriDTFeatureClas
s</DatasetType></CIMStandardDataConnection>"
<operationSequence><workflow><DeleteField><field_name>PlanYear</field_name></DeleteField
></workflow></operationSequence>
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS

DATE 2024-03-14 08:08:17

TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\Toolboxes\Data Management Tools.tbx\UpdateSchema

COMMAND ISSUED

```
UpdateSchema "CIMDATA=<CIMStandardDataConnection
xsi:type='typens:CIMStandardDataConnection' xmlns:xsi='http://www.w3.org/2001/XMLSchema-
instance' xmlns:xs='http://www.w3.org/2001/XMLSchema'
xmlns:typens='http://www.esri.com/schemas/ArcGIS/2.9.0'><WorkspaceConnectionString>DATAB
ASE=S:\GIS-SpatialDataMgmt\Maintenance\OtherDataRefresh\HMIP\HMIP_(Static) - 2024-
2028\final\compare\NCDOT_HMIP_20242028.gdb</WorkspaceConnectionString><WorkspaceFactory>
FileGDB</WorkspaceFactory><Dataset>HMIP_20242028</Dataset><DatasetType>esriDTFeatureClas
s</DatasetType></CIMStandardDataConnection>"
<operationSequence><workflow><DeleteField><field_name>EstimatedCost</field_name></Delete
Field></workflow></operationSequence>
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS

DATE 2024-03-14 08:11:00

TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\Toolboxes\Data Management Tools.tbx\UpdateSchema

COMMAND ISSUED

```
UpdateSchema "CIMDATA=<CIMStandardDataConnection
xsi:type='typens:CIMStandardDataConnection' xmlns:xsi='http://www.w3.org/2001/XMLSchema-
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xmlns:typens='http://www.esri.com/schemas/ArcGIS/2.9.0'><WorkspaceConnectionString>DATAB
ASE=S:\GIS-SpatialDataMgmt\Maintenance\OtherDataRefresh\HMIP\HMIP_(Static) - 2024-
2028\final\compare\NCDOT_HMIP_20242028.gdb</WorkspaceConnectionString><WorkspaceFactory>
FileGDB</WorkspaceFactory><Dataset>HMIP_20242028</Dataset><DatasetType>esriDTFeatureClas
s</DatasetType></CIMStandardDataConnection>"
<operationSequence><workflow><AlterField><field_name>PlanYear1</field_name><new_field_na
me>PlanYear</new_field_name><field_type>TEXT</field_type><field_is_nullable>True</field_
is_nullable><clear_field_alias>False</clear_field_alias></AlterField></workflow><workflo
w><AlterField><field_name>EstimatedCost1</field_name><new_field_name>EstimatedCost</new_
field_name><field_is_nullable>True</field_is_nullable><clear_field_alias>False</clear_fi
eld_alias></AlterField></workflow></operationSequence>
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

PROCESS

DATE 2024-03-14 08:16:25

TOOL LOCATION c:\program files\arcgis\pro\Resources\ArcToolbox\Toolboxes\Data Management Tools.tbx\UpdateSchema

COMMAND ISSUED

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UpdateSchema "CIMDATA=<CIMStandardDataConnection
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instance' xmlns:xs='http://www.w3.org/2001/XMLSchema'
xmlns:typens='http://www.esri.com/schemas/ArcGIS/2.9.0'><WorkspaceConnectionString>DATAB
ASE=S:\GIS-SpatialDataMgmt\Maintenance\OtherDataRefresh\HMIP\HMIP_(Static) - 2024-
2028\final\compare\NCDOT_HMIP_20242028.gdb</WorkspaceConnectionString><WorkspaceFactory>
FileGDB</WorkspaceFactory><Dataset>HMIP_20242028</Dataset><DatasetType>esriDTFeatureClas
s</DatasetType></CIMStandardDataConnection>"
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nullable>True</field_is_nullable><clear_field_alias>True</clear_field_alias></AlterField
></workflow></operationSequence>
```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA   No

Hide Geoprocessing history ▲

Distribution ►

DISTRIBUTOR ►

CONTACT INFORMATION

ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit

CONTACT'S POSITION   GIS Data and Services Consultant
CONTACT'S ROLE   distributor

CONTACT INFORMATION   ▶
ADDRESS
  TYPE   physical
  DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
  CITY   Raleigh
  ADMINISTRATIVE AREA   NC
  POSTAL CODE   27610
  COUNTRY   US
  E-MAIL ADDRESS   gishelp@ncdot.gov

HOURS OF SERVICE
9:00am - 5:00pm Monday - Friday

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Hide Contact information ▲

Hide Distributor ▲

DISTRIBUTION FORMAT
  NAME   Geodatabase Feature Class
  VERSION   ArcGIS Pro 2.9.5

Hide Distribution ▲

Fields ▶

DETAILS FOR OBJECT HMIP_20242028   ▶
  * TYPE   Feature Class
  * ROW COUNT   15714
  DEFINITION
      NC 2024-2028 Highway Maintenance Improvement Program Roads

  DEFINITION SOURCE
      North Carolina Department of Transportation, Pavement Management Unit

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.

Hide Field OBJECTID ▲

FIELD COUNTY ►
  * ALIAS   County
  * DATA TYPE   String
  * WIDTH   25
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The county where the planned treatment for the route exists.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values are among the 100 NC county names.

Hide Field COUNTY ▲

FIELD PlanYear ►
  * ALIAS   Plan Year
  * DATA TYPE   String
  * WIDTH   4
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The fiscal year in which the highway maintenance improvement treatment is to be executed.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values vary.

Hide Field PlanYear ▲

FIELD LENGTH ►
  * ALIAS   Length
  * DATA TYPE   Double
  * WIDTH   8
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The length in miles of the treatment.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values vary.

Hide Field LENGTH ▲

FIELD RouteName ►
  * ALIAS   Route Name
  * DATA TYPE   String
  * WIDTH   100
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The route to be treated.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values vary.

Hide Field RouteName ▲

FIELD BeginDescription ►
  * ALIAS   Begin Description
  * DATA TYPE   String
  * WIDTH   100
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The physical description of the beginning limit of where the treatment is to be applied.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values vary.

Hide Field BeginDescription ▲

FIELD EndDescription ►
  * ALIAS   End Description
  * DATA TYPE   String
  * WIDTH   100
  * PRECISION   0
  * SCALE   0
  FIELD DESCRIPTION
    The physical description of the end limit of where the treatment is to be applied.

  DESCRIPTION SOURCE
    NCDOT

  DESCRIPTION OF VALUES
    Values vary.

FIELD TREATMENT ▶

* ALIAS   Treatment
* DATA TYPE   String
* WIDTH   100
* PRECISION   0
* SCALE   0

FIELD DESCRIPTION
The specific treatment to be applied to the road.

DESCRIPTION SOURCE
NCDOT

DESCRIPTION OF VALUES
Values vary.

FIELD BudgetGroup ▶

* ALIAS   Budget Group
* DATA TYPE   String
* WIDTH   20
* PRECISION   0
* SCALE   0

FIELD DESCRIPTION
The budget group of the type of treatment.

DESCRIPTION SOURCE
NCDOT

LIST OF VALUES

VALUE   Resurfacing
DESCRIPTION   Road improvement and maintenance technique in which a new layer of material is laid over the existing surface instead of replacing the entire road.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   NCDOT

VALUE   Preservation
DESCRIPTION   Pavement preservation is the proactive maintenance of roads to prevent them from getting to a condition where major rehabilitation or reconstruction is necessary. Preventative maintenance costs are far less than the ultimate repair cost.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   NCDOT

VALUE   Rehabilitation
DESCRIPTION   Repairing portions of an existing pavement to reset the deterioration process.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE   NCDOT

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.

Hide Field Shape ▲

FIELD EstimatedCost ▶
* **ALIAS** Estimated Cost
* **DATA TYPE** Double
* **WIDTH** 8
* **PRECISION** 0
* **SCALE** 0

FIELD DESCRIPTION
  The estimated cost of the treatment. The estimated cost data shown is not reflective of the actual engineer's estimate.

DESCRIPTION SOURCE
  NCDOT

DESCRIPTION OF VALUES
  Values vary.

Hide Field EstimatedCost ▲

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.

Hide Field Shape_Length ▲

Hide Details for object HMIP_20242028 ▲

Hide Fields ▲

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 2024-03-14

  ArcGIS metadata properties
    Metadata format ArcGIS 1.0
    Standard or profile used to edit metadata ISO19139

    Created in ArcGIS for the item 2024-03-13 13:13:04
    Last modified in ArcGIS for the item 2024-03-14 09:11:39

    Automatic updates
      Have been performed Yes
      Last update 2024-03-14 09:11:39

Hide Metadata Details ▲

Metadata Contacts ▶

  Metadata contact
    Organization's name North Carolina Department of Information Technology -Transportation, GIS Unit
    Contact's position GIS Data and Services Consultant
    Contact's role point of contact

    Contact information   ▶
      Address
        Type physical
        Delivery point Century Center Building B, 1020 Birch Ridge Drive
        City Raleigh
        Administrative area NC
        Postal code 27610
        Country US
        E-mail address gishelp@ncdot.gov

      Hours of service
        9:00am - 5:00pm Monday - Friday

      Contact instructions
        Please send an email with any issues, questions, or comments regarding the data. If it is an immediate need, indicate as such in the subject line in an email.

      Hide Contact information ▲

Hide Metadata Contacts ▲

Metadata Maintenance ▶

  Maintenance
    Update frequency as needed

SCOPE OF THE UPDATES   dataset

MAINTENANCE CONTACT
  ORGANIZATION'S NAME   North Carolina Department of Information Technology -Transportation, GIS Unit
  CONTACT'S POSITION   GIS Data and Services Consultant
  CONTACT'S ROLE   point of contact

    CONTACT INFORMATION   ▶
    ADDRESS
      TYPE   physical
      DELIVERY POINT   Century Center Building B, 1020 Birch Ridge Drive
      CITY   Raleigh
      ADMINISTRATIVE AREA   NC
      POSTAL CODE   27610
      COUNTRY   US
      E-MAIL ADDRESS   gishelp@ncdot.gov

    HOURS OF SERVICE
    9:00am - 5:00pm Monday - Friday

    CONTACT INSTRUCTIONS
    Please send an email with any issues, questions, or comments regarding the data. If it is an
    immediate need, indicate as such in the subject line in an email.

      Hide Contact information ▲

Hide Metadata Maintenance ▲

Metadata Constraints ▶

CONSTRAINTS
  LIMITATIONS OF USE
      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 construed to be a legal document. Primary
      sources from which this data was compiled must be consulted for verification of information contained
      in this data.

SECURITY CONSTRAINTS
  CLASSIFICATION   unclassified
  CLASSIFICATION SYSTEM   None

  LIMITATIONS OF USE
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      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 construed to be a legal document. Primary
      sources from which this data was compiled must be consulted for verification of information contained
      in this data.

Hide Metadata Constraints ▲

Thumbnail and Enclosures ▶

THUMBNAIL
  THUMBNAIL TYPE   JPG

Hide Thumbnail and Enclosures ▲

FGDC Metadata (read-only) ▼

DETAILED DESCRIPTION
ENTITY TYPE
ENTITY TYPE LABEL   HMIP_20242028
ENTITY TYPE DEFINITION
NC 2024-2028 Highway Maintenance Improvement Program Roads
    ENTITY TYPE DEFINITION SOURCE   North Carolina Department of Transportation, Pavement Management
    Unit

    ATTRIBUTE
ATTRIBUTE LABEL   OBJECTID
ATTRIBUTE DEFINITION
Internal feature number.
    ATTRIBUTE DEFINITION SOURCE   Esri
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Sequential unique whole numbers that are automatically generated.

    ATTRIBUTE
ATTRIBUTE LABEL   COUNTY
ATTRIBUTE DEFINITION
The county where the planned treatment for the route exists.
    ATTRIBUTE DEFINITION SOURCE   NCDOT
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values are among the 100 NC county names.

    ATTRIBUTE
ATTRIBUTE LABEL   PlanYear
ATTRIBUTE DEFINITION
The fiscal year in which the highway maintenance improvement treatment is to be executed.
    ATTRIBUTE DEFINITION SOURCE   NCDOT
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

    ATTRIBUTE
ATTRIBUTE LABEL   LENGTH
ATTRIBUTE DEFINITION
The length in miles of the treatment.
    ATTRIBUTE DEFINITION SOURCE   NCDOT
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

    ATTRIBUTE
ATTRIBUTE LABEL   RouteName
ATTRIBUTE DEFINITION
The route to be treated.
    ATTRIBUTE DEFINITION SOURCE   NCDOT
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

    ATTRIBUTE
ATTRIBUTE LABEL   BeginDescription
ATTRIBUTE DEFINITION
The physical description of the beginning limit of where the treatment is to be applied.
    ATTRIBUTE DEFINITION SOURCE   NCDOT
    ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

    ATTRIBUTE
ATTRIBUTE LABEL   EndDescription
ATTRIBUTE DEFINITION

The physical description of the end limit of where the treatment is to be applied.
ATTRIBUTE DEFINITION SOURCE   NCDOT
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

ATTRIBUTE
ATTRIBUTE LABEL   TREATMENT
ATTRIBUTE DEFINITION
The specific treatment to be applied to the road.
ATTRIBUTE DEFINITION SOURCE   NCDOT
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

ATTRIBUTE
ATTRIBUTE LABEL   BudgetGroup
ATTRIBUTE DEFINITION
The budget group of the type of treatment.
ATTRIBUTE DEFINITION SOURCE   NCDOT
ATTRIBUTE DOMAIN VALUES
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE   Resurfacing
ENUMERATED DOMAIN VALUE DEFINITION
Road improvement and maintenance technique in which a new layer of material is laid over the existing surface instead of replacing the entire road.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
NCDOT
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE   Preservation
ENUMERATED DOMAIN VALUE DEFINITION
Pavement preservation is the proactive maintenance of roads to prevent them from getting to a condition where major rehabilitation or reconstruction is necessary. Preventative maintenance costs are far less than the ultimate repair cost.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
NCDOT
ENUMERATED DOMAIN
ENUMERATED DOMAIN VALUE   Rehabilitation
ENUMERATED DOMAIN VALUE DEFINITION
Repairing portions of an existing pavement to reset the deterioration process.
ENUMERATED DOMAIN VALUE DEFINITION SOURCE
NCDOT

ATTRIBUTE
ATTRIBUTE LABEL   Shape
ATTRIBUTE DEFINITION
Feature geometry.
ATTRIBUTE DEFINITION SOURCE   Esri
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Coordinates defining the features.

ATTRIBUTE
ATTRIBUTE LABEL   EstimatedCost
ATTRIBUTE DEFINITION
The estimated cost of the treatment. The estimated cost data shown is not reflective of the actual engineer's estimate.
ATTRIBUTE DEFINITION SOURCE   NCDOT
ATTRIBUTE DOMAIN VALUES
UNREPRESENTABLE DOMAIN
Values vary.

ATTRIBUTE
ATTRIBUTE LABEL   Shape_Length
ATTRIBUTE DEFINITION

Length of feature in internal units.

      ATTRIBUTE DEFINITION SOURCE   Esri

      ATTRIBUTE DOMAIN VALUES

    UNREPRESENTABLE DOMAIN

Positive real numbers that are automatically generated.

Hide Entities and Attributes ▲