Ramps (2010)

Metadata:

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Identification_Information:

Citation:

Citation_Information:

Originator: MARIS

Publication_Date: July 2010

Title:

Ramps (2010)

Geospatial_Data_Presentation_Form: vector digital data

Description:

Abstract:

```
GIS Vector data set of Highway Ramps created, edited, and
additional attributes added by MARIS staff.
```

GIS Vector data set of Highway Ramps created, edited, and additional attributes added by MARIS staff.

Purpose:

```
Data were compiled for use in accurate mapping and cartographic
representation of highways.
```

Data were compiled for use in accurate mapping and cartographic representation of highways.

Supplemental_Information:

```
Metadata for this statewide data set was created by MARIS staff.
```

Metadata for this statewide data set was created by MARIS staff.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: July 2010

Currentness_Reference:

```
publication date
```

publication date

Status:
Progress: Complete
Maintenance_and_Update_Frequency: As needed
Spatial_Domain:
Bounding_Coordinates:
West_Bounding_Coordinate: -91.479511
East_Bounding_Coordinate: -88.110489
North_Bounding_Coordinate: 34.993414
South_Bounding_Coordinate: 30.229453
Keywords:
Theme:
Theme_Keyword_Thesaurus: ISO19115
Theme_Keyword: highways
Theme_Keyword: Interstates
Theme_Keyword: US Highways
Theme_Keyword: MS Highways
Theme_Keyword: Transportation
Theme_Keyword: Exits
Theme_Keyword: Interstates
Theme_Keyword: Ramps
Place:
Place_Keyword_Thesaurus: none
Place_Keyword: Mississippi
Place_Keyword: USA
Access_Constraints: none.
Use_Constraints:
```
    Data users are encouraged to read this metadata record to better
    comprehend and utilize the described data set. MARIS should be
    recognize as a source data provider on all data derived from this
    data set. The data are not survey products and not intended for
    legal use.
```
Data users are encouraged to read this metadata record to better comprehend and utilize the described data set. MARIS should be recognize as a source data provider on all data derived from this data set. The data are not survey products and not intended for legal use.
Point_of_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Mississippi Automated Resource Information System (MARIS)
Contact_Person: Steve Walker
Contact_Position: GIS Operations Manager
Contact_Address:

Address_Type: mailing and physical address
Address:
```
     3825 Ridgewood Road
```
3825 Ridgewood Road
City: Jackson
State_or_Province: MS
Postal_Code: 39211-6453
Country: USA
Contact_Voice_Telephone: (601) 432-6149
Contact_Facsimile_Telephone: (601) 432-6893
Contact_Electronic_Mail_Address: swalker@ihl.state.ms.us
Data_Set_Credit:
```
     Full credit for the spatial aspect of this data set should be
     given to MARIS.
```
Full credit for the spatial aspect of this data set should be given to MARIS.
Native_Data_Set_Environment:
Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 3; ESRI
ArcCatalog 9.3.1.3000
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Data_Quality_Information:
  Attribute_Accuracy:
  Attribute_Accuracy_Report:
```
     Attribute values were validated via cross-checks with exisiting
     data resources including photographs, maps, imagery, and
     scientific reports.
```
Attribute values were validated via cross-checks with exisiting data resources including photographs, maps, imagery, and scientific reports.
  Logical_Consistency_Report:
```
     All line work is checked for topological integrity and to ensure
     that polygons are fully enclosed, no duplicate lines or points
     exists, line segments are composed of sequentially numbered
     coordinate pairs, intersecting lines are separated by a node, and
     no dangling lines exist. Topological checks and strucuturing are
     performed using the ArcInfo software. Data dictionary
     specification are automatically implemented via the ESRI Info
     database management software. Data collected from external data
     providers are randomly verified.
```
All line work is checked for topological integrity and to ensure that polygons are fully enclosed, no duplicate lines or points exists, line segments are composed of sequentially numbered coordinate pairs, intersecting lines are separated by a node, and no dangling lines exist. Topological checks and strucuturing are performed using the ArcInfo software. Data dictionary specification are automatically implemented via the ESRI Info database

management software. Data collected from external data providers are randomly verified.

Completeness_Report:

```
The data are complete with respect to the data publication date
and scale.
```

The data are complete with respect to the data publication date and scale.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

```
Feature locations were were validated via cross-checks with
exisiting data resources including photographs, maps, imagery, and
scientific reports.
```

Feature locations were were validated via cross-checks with exisiting data resources including photographs, maps, imagery, and scientific reports.

Lineage:

Source_Information:

Type_of_Source_Media: chart

Source_Citation_Abbreviation:

MARIS

Source_Contribution:

```
Primary source of both spatial data and attributes.
```

Primary source of both spatial data and attributes.

Source_Information:

Type_of_Source_Media: chart

Source_Citation_Abbreviation:

MS DOT

Source_Contribution:

```
Detailed description of all highway start and stop locations.
Publication No. MDOT-85-2007-05
```

Detailed description of all highway start and stop locations. Publication No. MDOT-85-2007-05

Source_Information:

Type_of_Source_Media: disc

Source_Citation_Abbreviation:

NAIP

Source_Contribution:

```
Imagery used to align the vector placement of highways.  NAIP from
2007 - 2009 was used in creation of original linework. Imagery was
2007 NAIP - 1 meter, 2009 NAIP - 1 meter ortho-rectified.
```

Imagery used to align the vector placement of highways. NAIP from 2007 - 2009 was used in creation of original linework. Imagery was 2007 NAIP - 1 meter, 2009 NAIP - 1 meter ortho-rectified.

Source_Information:

Source_Citation:

Citation_Information:
Originator: MS Department of Environmental Quality
Title:
MDEM
Type_of_Source_Media: digital tape media
Source_Citation_Abbreviation:
MDEM
Source_Contribution:
```
    MS Coordinating Council for Remote Sensing and Geographic
    Information Systems (MCCRSGIS) 2006  2 foot resolution leaf-off
    imagery was also used for alignment of highways.
```
MS Coordinating Council for Remote Sensing and Geographic Information Systems (MCCRSGIS) 2006 2 foot resolution leaf-off imagery was also used for alignment of highways.
Process_Step:
Process_Description:
```
    The highway database was collected by heads-up digitization over
    aerial photography. Aerial Photography sources are MDEM and NAIP.
    Digital and hard copy sources are listed in Source Information
    "Other Sources".
```
The highway database was collected by heads-up digitization over aerial photography. Aerial Photography sources are MDEM and NAIP. Digital and hard copy sources are listed in Source Information "Other Sources".
Source_Used_Citation_Abbreviation:
NAIP
Source_Used_Citation_Abbreviation:
Other Sources
Source_Used_Citation_Abbreviation:
MDEM
Process_Date: July 2010
Process_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Jason Knight
Contact_Organization: MARIS
Contact_Position: GIS Manager
Contact_Voice_Telephone: 601-432-6504
Contact_Electronic_Mail_Address: jknight@ihl.state.ms.us
Process_Step:
Process_Description:
```
    Metadata imported.
```
Metadata imported.
Source_Used_Citation_Abbreviation:

E:\DATA\Highways_2010\Interstate_Exits.shp.xml
Process_Date: 20100702
Process_Time: 08213300
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Spatial_Data_Organization_Information:
    Indirect_Spatial_Reference_Method:
    FIPS = 28 (Mississippi)
    Direct_Spatial_Reference_Method: Vector
    Point_and_Vector_Object_Information:
    SDTS_Terms_Description:
    SDTS_Point_and_Vector_Object_Type: String
    Point_and_Vector_Object_Count: 1045
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Spatial_Reference_Information:
    Horizontal_Coordinate_System_Definition:
    Planar:
    Map_Projection:
    Map_Projection_Name: Transverse Mercator
    Transverse_Mercator:
    Scale_Factor_at_Central_Meridian: 0.999834
    Longitude_of_Central_Meridian: -89.750000
    Latitude_of_Projection_Origin: 32.500000
    False_Easting: 500000.000000
    False_Northing: 1300000.000000
    Planar_Coordinate_Information:
    Planar_Coordinate_Encoding_Method: coordinate pair
    Coordinate_Representation:
    Abscissa_Resolution: 0.000000
    Ordinate_Resolution: 0.000000
    Planar_Distance_Units: meters
    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
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Entity_and_Attribute_Information:
    Detailed_Description:

Entity_Type:
Entity_Type_Label: Ramps
Entity_Type_Definition:
Interstates off the US Interstates System in Mississippi
Entity_Type_Definition_Source:
MARIS
Attribute:
Attribute_Label: FID
Attribute_Definition:
```
     Internal feature number.
```
Internal feature number.
Attribute_Definition_Source:
```
     ESRI
```
ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Sequential unique whole numbers that are automatically generated.
Attribute:
Attribute_Label: Shape
Attribute_Definition:
```
     Feature geometry.
```
Feature geometry.
Attribute_Definition_Source:
```
     ESRI
```
ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Coordinates defining the features.
Attribute:
Attribute_Label: OBJECTID
Attribute_Definition:
```
     Internal ID
```
Internal ID
Attribute_Definition_Source:
```
     ESRI
```
ESRI
Attribute_Domain_Values:
Unrepresentable_Domain:
Coordinates defining the features.
Attribute:
Attribute_Label: LENGTH
Attribute_Definition:
```
     Segment Length
```

Segment Length

Attribute_Definition_Source:
    `ESRI`

ESRI

Attribute_Domain_Values:
Unrepresentable_Domain:
Coordinates defining the features.
Attribute:
Attribute_Label: HWYNAME
Attribute_Definition:
    `RAMP - left over from original coding of arcs`
RAMP - left over from original coding of arcs
Attribute_Definition_Source:
    `MARIS`
MARIS

Attribute_Domain_Values:
Codeset_Domain:
Codeset_Name: RAMP
Codeset_Source: MARIS
Attribute:
Attribute_Label: Shape_Leng
Attribute_Definition:
    `ESRI Internal arc length`
ESRI Internal arc length
Attribute_Definition_Source:
    `ESRI`
ESRI

Attribute_Domain_Values:
Unrepresentable_Domain:
Coordinates defining the features.
Attribute:
Attribute_Label: EXITS
Attribute_Definition:
    `Exit Code from Data Creation`
Exit Code from Data Creation
Attribute_Definition_Source:
    `MARIS`
MARIS

Attribute_Domain_Values:
Enumerated_Domain:
Enumerated_Domain_Value: 9
Enumerated_Domain_Value_Definition:
    `Exit`

Exit

Enumerated_Domain_Value_Definition_Source:
    MARIS

MARIS

Attribute:

Attribute_Label: Class

Attribute_Definition:
    Type of Road that the ramp is exiting to

Type of Road that the ramp is exiting to

Attribute_Definition_Source:
    MARIS

MARIS

Attribute_Domain_Values:

Enumerated_Domain:

Enumerated_Domain_Value: 1

Enumerated_Domain_Value_Definition:
    Interstate

Interstate

Enumerated_Domain_Value_Definition_Source:
    MARIS

MARIS

Enumerated_Domain:

Enumerated_Domain_Value: 2

Enumerated_Domain_Value_Definition:
    U.S. Highway

U.S. Highway

Enumerated_Domain_Value_Definition_Source:
    MARIS

MARIS

Enumerated_Domain:

Enumerated_Domain_Value: 3

Enumerated_Domain_Value_Definition:
    One or two Digit State Highway

One or two Digit State Highway

Enumerated_Domain_Value_Definition_Source:
    MARIS

MARIS

Enumerated_Domain:

Enumerated_Domain_Value: 4

Enumerated_Domain_Value_Definition:
    Three digit State highway

Three digit State highway

Enumerated_Domain_Value_Definition_Source:
    MARIS

MARIS

Enumerated_Domain:

Enumerated_Domain_Value: 5

Enumerated_Domain_Value_Definition:
```
Natchez Trace Parkway
```
Natchez Trace Parkway

Enumerated_Domain_Value_Definition_Source:
```
MARIS
```
MARIS

Enumerated_Domain:

Enumerated_Domain_Value: 9

Enumerated_Domain_Value_Definition:
```
Exit
```
Exit

Enumerated_Domain_Value_Definition_Source:
```
MARIS
```
MARIS

Attribute:

Attribute_Label: ALT1_DESIN

Attribute_Definition:
```
Interstate Name(s)  exiting to
```
Interstate Name(s) exiting to

Attribute_Definition_Source:
```
MARIS
```
MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT2_DESIN

Attribute_Definition:
```
U.S. Highway Name(s) exiting to
```
U.S. Highway Name(s) exiting to

Attribute_Definition_Source:
```
MARIS
```
MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT3_DESIN

Attribute_Definition:
```
MS 1 & 2 Digit State Highway Name(s) exiting to
```
MS 1 & 2 Digit State Highway Name(s) exiting to

Attribute_Definition_Source:
    MARIS

MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT4_DESIN

Attribute_Definition:
    MS 3 - Digit State Highway Name(s) exiting to

MS 3 - Digit State Highway Name(s) exiting to

Attribute_Definition_Source:
    MARIS

MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT5_DESIN

Attribute_Definition:
    Natchez Trace Parkway

Natchez Trace Parkway

Attribute_Definition_Source:
    MARIS

MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT6_DESIN

Attribute_Definition:
    County Road Name(s) exiting to

County Road Name(s) exiting to

Attribute_Definition_Source:
    MARIS

MARIS

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining the features.

Attribute:

Attribute_Label: ALT7_DESIN

Attribute_Definition:
    City Street Name(s) exiting to

City Street Name(s) exiting to
Attribute_Definition_Source:
```
        MARIS
```
MARIS
Attribute_Domain_Values:
Unrepresentable_Domain:
Coordinates defining the features.
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Distribution_Information:
    Distributor:
    Contact_Information:
    Contact_Person_Primary:
    Contact_Person: Steve Walker
    Contact_Organization: Mississippi Automated Resource Information System (MARIS)
    Contact_Position: GIS Operations Manager
    Contact_Address:
    Address_Type: mailing and physical address
    Address:
```
        3825 Ridgewood Road
```
3825 Ridgewood Road
    City: Jackson
    State_or_Province: MS
    Postal_Code: 39211-6453
    Country: USA
    Contact_Voice_Telephone: 601.432.6149
    Contact_Facsimile_Telephone: 601.432.6893
    Contact_Electronic_Mail_Address: swalker@ihl.state.ms.us
    Hours_of_Service: 8:00 a.m. - 4:00 p.m. CST
    Resource_Description: Map Files
    Distribution_Liability:
```
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        Technical Center (MTC) is derived from a variety of public and
        private sector sources considered  to be dependable, but the
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        accuracy, completeness, currency, reliability, or suitability for
        any particular purpose of information or data contained in or
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        employee thereof assume no liability associated with the use of
        these data.
```

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Standard_Order_Process:
Digital_Form:
Digital_Transfer_Information:
Format_Name: ARCE (ArcInfo export), ArcGIS (shapefile)
File_Decompression_Technique: TAR, WinZip
Transfer_Size: 0.649
Digital_Transfer_Option:
Online_Option:
Computer_Contact_Information:
Network_Address:
Network_Resource_Name: http://www.maris.state.ms.us/Data_Warehouse/Download_Data/download_data.html
Offline_Option:
Offline_Media: CD-ROM
Recording_Format: CD Write
Fees: Direct downloads and CDs of standard MARIS products are available free of charge

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Metadata_Reference_Information:
Metadata_Date: 20100713
Metadata_Contact:
Contact_Information:
Contact_Organization_Primary:
Contact_Organization: Mississippi Automated Resource Information System (MARIS)
Contact_Person: Steve Walker
Contact_Position: GIS Operations Manager
Contact_Address:
Address_Type: mailing and physical address
Address:
    3825 Ridgewood Road

3825 Ridgewood Road
City: Jackson
State_or_Province: MS
Postal_Code: 39211-6453
Country: USA
Contact_Voice_Telephone: (601) 432-6149
Contact_Facsimile_Telephone: (601) 432-6893
Contact_Electronic_Mail_Address: swalker@ihl.state.ms.us
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:
none
Metadata_Extensions:
Online_Linkage: http://www.esri.com/metadata/esriprof80.html
Profile_Name: ESRI Metadata Profile
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