

Unpaved Driveways: Howard County, Maryland

Metadata also available as

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Identification_Information:

Citation:

Citation_Information:

Originator:

Howard County Government. Howard County, Maryland. Department of Technology and Communications, The Geographic Information Systems (GIS) Division.

Publication_Date: 2005/04/04

Publication_Time: Unknown

Title: Unpaved Driveways: Howard County, Maryland

Edition: 2004 Unpaved Driveways

Geospatial_Data_Presentation_Form: Map: Vector Digital Data

Series_Information:

Series_Name: 2004 Planimetrics

Issue_Identification: Not Applicable

Publication_Information:

Publication_Place: Howard County, Maryland

Publisher:

Howard County Government. Howard County, Maryland.
Department of Technology and Communications, The Geographic Information Systems (GIS) Division.

Online_Linkage: None

Larger_Work_Citation:

Citation_Information:

Originator:

Howard County Government. Howard County, Maryland.
Department of Technology and Communications, The
Geographic Information Systems (GIS) Division.

Publication_Date: 2005/04/04

Title: Planimetrics

Edition: 2004

Geospatial_Data_Presentation_Form: Map: Vector Digital Data

Series_Information:

Series_Name: 2004 Planimetrics

Issue_Identification: Not Applicable:

Publication_Information:

Publication_Place: Howard County, Maryland

Publisher:

Not Applicable: Not published or available directly to
the public.

Online_Linkage: Not Applicable:

Description:

Abstract:

Unpaved Driveway locations as interpreted on 2004 (April) orthophotography. The unpaved driveways are represented by polylines (strings) along the edge of the driveway.

Purpose:

Created mainly for base-mapping, map production, and spatial analysis This data set was originally created for use by Howard County employees in Howard County related projects.

Supplemental_Information:

The unpaved driveway file is a subset of the planimetric data sets, which depict most land features on orthophotography.

Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2004/04/15

Time_of_Day: Unknown

Currentness_Reference:

Data is based on ground conditions on multiple dates in April, 2004.

Status:

Progress: Complete

Maintenance_and_Update_Frequency: Biyearly

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -077.1875

East_Bounding_Coordinate: -076.6930

North_Bounding_Coordinate: +39.3683

South_Bounding_Coordinate: +39.1038

Keywords:

Theme:

Theme_Keyword_Thesaurus: User Defined Theme Keyword List

Theme_Keyword: planimetrics

Theme_Keyword: building

Theme_Keyword: driveway footprint

Theme_Keyword: footprint

Theme_Keyword: structure

Theme_Keyword: transportation

Theme_Keyword: homes

Theme_Keyword: businesses

Theme_Keyword: outline

Theme_Keyword: unpaved

Theme_Keyword: gravel

Theme_Keyword: stone

Theme_Keyword: dirt

Place:

Place_Keyword_Thesaurus: User Defined Place Keyword List

Place_Keyword: Columbia

Place_Keyword: Deep Run

Place_Keyword: Ellicott City

Place_Keyword: Glenelg

Place_Keyword: Glenwood

Place_Keyword: Howard County

Place_Keyword: Lisbon

Place_Keyword: Little Patuxent River

Place_Keyword: Marriotsville

Place_Keyword: Maryland

Place_Keyword: Middle Patuxent River

Place_Keyword: Mount Airy

Place_Keyword: North Laurel

Place_Keyword: Patuxent River

Place_Keyword: Potapsco River

Place_Keyword: West Friendship

Place_Keyword: Baltimore Washington Suburb

Place_Keyword: Woodbine

Place_Keyword: Mount Airy

Place_Keyword: Jessup

Place_Keyword: Savage

Place_Keyword: Rockburn

Place_Keyword: Ilchester

Place_Keyword: Clarksville

Place_Keyword: Woodstock

Place_Keyword: Deep Run

Temporal:

Temporal_Keyword_Thesaurus: User Defined Temporal Keyword List

Temporal_Keyword: Modern

Access_Constraints:

Users must sign and adhere to a license agreement, and pay any applicable fees. Two license agreements exist, one is restricted, and the other is an unrestricted license agreement. The restricted agreement includes, but is not limited to, the following restrictions: Howard County is not responsible for the accuracy of the data, or any outcomes as a result of using the data. The license may not redistribute or sell the data set to others. The unrestricted license, again, does not hold the county responsible for the data, but does allow the user to redistribute and sell the data to others. However, the unrestricted license of the data comes at a more substantial cost to the user. These are just a few points of the license agreements, many more exist.

The fees for the data are charged for all parties except for the following: Federal, State, and Local Government Entities, Educational Entities, and any contracted parties working on projects for Howard County Government.

This data is part of a public CD product that is available at the Howard County Central Services desk. Please contact the contact person for more information.

Use_Constraints:

Users must sign and adhere to a license agreement, and pay any applicable fees. Two license agreements exist, one is restricted, and the other is an unrestricted license agreement. The restricted agreement includes, but is not limited to, the following restrictions: Howard County is not responsible for the accuracy of the data, or any outcomes as a result of using the data. The license may not redistribute or sell the data set to others. The unrestricted license, again, does not hold the county responsible for the data, but does allow the user to redistribute and sell the data to others. However, the unrestricted license of the data comes at a more substantial cost to the user. These are just a few points of the license agreements, many more exist.

The fees for the data are charged for all parties except for the following: Federal, State, and Local Government Entities, Educational Entities, and any contracted parties working on projects for Howard County Government.

This data is part of a public CD product that is available at the Howard County Central Services desk. Please contact the contact person for more information.

This data should be used based on information listed in the purpose section of the metadata. Mainly, users should use the data within the limits of its temporal accuracy and source scale. The data set is based on information of April, 2004 and has a source scale of 1:2400.

Point_of_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Robert Slivinsky

Contact_Organization: Howard County GIS Division

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: Mailing and Physical

Address: 3450 Court House Dr

City: Ellicott City

State_or_Province: MD

Postal_Code: 21043

Country: United States

Contact_Voice_Telephone: 410-313-3094

Contact_Facsimile_Telephone: 410-313-3211

Contact_Electronic_Mail_Address: rslivinsky@co.ho.md.us

Hours_of_Service: 7:30am - 4:30pm, Monday through Friday

Contact_Instructions: The contact person may be emailed or phoned.

Data_Set_Credit: Howard County GIS Division

Native_Data_Set_Environment:

This data set was updated in Mapinfo GIS software.

Native File Name: driveways_unpaved.tab File Size: 1.71 MB

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

The file was visually quality controlled by the GIS Division after completion. The file is also continuously used by other county employees in maps and an internal website. If errors are discovered, they are reported to the GIS Division and fixed immediately.

Logical_Consistency_Report:

While attribution and the visible graphics are constantly checked throughout end user use.

There were no official tests or results upon the quality control of this file after completion.

Completeness_Report:

The data set is complete based on unpaved driveways as visible on aerial photos taken in April, 2004.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

The scale of the planimetrics is 1:2400 or 1"=200' based on the source aerial photography. Therefore, the features in this layer could be up to 6 ft off from the real world location.

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator:

Howard County Government. Howard County, Maryland.
Department of Technology and Communications, The
Geographic Information Systems (GIS) Division.

Publication_Date: 2003/09/01

Publication_Time: Unknown

Title: Unpaved Driveways

Edition: 2002

Geospatial_Data_Presentation_Form: Map: Vector Digital Data

Publication_Information:

Publication_Place: Howard County, Maryland

Publisher:

Howard County Government. Howard County,
Maryland. Department of Technology and
Communications, The Geographic Information
Systems (GIS) Division.

Source_Scale_Denominator: 2400

Type_of_Source_Media:

CD-Rom Floppy Disk

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2002/02/01

Time_of_Day: Unknown

Source_Currentness_Reference: Color Orthophotography from February,
2002

Source_Citation_Abbreviation: HOCOGIS

Source_Contribution:

The Howard County GIS Division provided the 1993, 1998, and 2002

orthophotography.

Source_Information:

Source_Citation:

Citation_Information:

Originator: VARGIS LLC

Publication_Date: 2002

Publication_Time: Unknown

Title: Coordination of orthophotography

Edition: 2002

Geospatial_Data_Presentation_Form: Map: Raster Digital Data

Publication_Information:

Publication_Place: Sterling, Virginia

Publisher: VARGIS LLC

Source_Scale_Denominator: 2400

Type_of_Source_Media: Compact Disk

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Calendar_Date: 2002

Source_Currentness_Reference: 2002 Orthophotography

Source_Citation_Abbreviation: VARGIS

Source_Contribution: 2002 Orthophotographic Lease to Howard County Government

Process_Step:

Process_Description:

A pre-step to the planimetric process began by the Howard County Government acquiring a license for 2002 orthophotography from VARGIS LLC. Howard County took delivery of the orthophotography on compact disks.

Source_Used_Citation_Abbreviation: VARGIS

Process_Date: 2002

Source_Produced_Citation_Abbreviation: VARGIS

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Greg Tiley

Contact_Organization: VARGIS

Contact_Position: President

Contact_Address:

Address_Type: Mailing and Physical

Address: 100 Carpenter Drive, Suite 200

City: Sterling

State_or_Province: VA

Postal_Code: 20164

Country: United States

Contact_Voice_Telephone: 703-834-0225

Contact_Facsimile_Telephone: 703-318-7224

Contact_Electronic_Mail_Address: varinfo@vargis.com

Hours_of_Service: 8:00am - 5:00pm

Contact_Instructions: Email or phone call

Process_Step:

Process_Description:

The original planimetrics were created in 2001 by 3Di Technologies Inc. The company used sepecial equipement to view and digitize the planimetrics using source 1998 orthophotography supplied by the Howard County GIS Division, through VARGIS. The data was delivered to Howard County in Microstation format.

Source_Used_Citation_Abbreviation: 3Di

Process_Date: 2001/09/01

Source_Produced_Citation_Abbreviation: 3Di

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Contact_Person

Contact_Organization: 3Di Technologies Inc

Contact_Position: Contact_Position

Contact_Address:

Address_Type: Mailing and Physical

Address: 28969 Information Ln

City: Easton

State_or_Province: MD

Postal_Code: 21601

Country: United States

Contact_Voice_Telephone: (410) 763-7256

Hours_of_Service: 8:00am-5:00pm

Contact_Instructions: Phone Call

Process_Step:

Process_Description:

(Immediately following delivery and QC of the planimetrics, the GIS Division converted the microstation files to Mapinfo, using Mapinfo's Universal Translator tool.)

The GIS took delivery of 2002 (February) orthophotography, in the summer of 2002. The GIS Division used Mapinfo, opened the 1998 version of the planimetrics, and updated the planimetrics based on new ground features as seen in the 2002 orthophotography.

Source_Used_Citation_Abbreviation: HOCOGIS

Process_Date: 2002/08/01

Source_Produced_Citation_Abbreviation: HOCOGIS

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Robert Slivinsky

Contact_Organization: Howard County GIS

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: Mailing and Physical

Address: 3450 Court House Dr

City: Ellicott City

State_or_Province: MD

Postal_Code: 21043

Country: United States

Contact_Voice_Telephone: 410-313-3094

Contact_Facsimile_Telephone: 410-313-3211

Contact_Electronic_Mail_Address: rslivinsky@co.ho.md.us

Hours_of_Service: 8:00am-5:00pm

Contact_Instructions: Phone Call

Spatial_Data_Organization_Information:

Indirect_Spatial_Reference:

Howard County, Maryland includes portions of Interstate 70 (RT 70), 95 (RT 95), 895 (RT 895), and Route 1 (Washington BLVD).

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: 10984

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name: Lambert Conformal Conic

Lambert_Conformal_Conic:

Standard_Parallel: 38.300000

Longitude_of_Central_Meridian: -77.000000

Latitude_of_Projection_Origin: 37.666667

False_Easting: 1312333.333000

False_Northing: 0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 0.000256

Ordinate_Resolution: 0.000256

Planar_Distance_Units: U.S. Foot

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System of 1980

Semi-major_Axis: 6378137.000000

Denominator_of_Flattening_Ratio: 298.257222

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label: Feature Class

Entity_Type_Definition: Base geometry, and ID count information generated by ESRI

Entity_Type_Definition_Source: User Defined

Attribute:

Attribute_Label: FID

Attribute_Definition: Internal Feature Number

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Range_Domain:

Range_Domain_Minimum: 0

Range_Domain_Maximum:

0-10491 (10492) (The total number of unpaved driveway polylines)

Attribute:

Attribute_Label: Shape
Attribute_Definition: Feature Geometry
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Codeset_Domain:
 Codeset_Name: String
 Codeset_Source: ESRI

Attribute:

Attribute_Label: Feature
Attribute_Definition: Defines the dataset as an unpaved driveway
Attribute_Definition_Source: ESRI
Attribute_Domain_Values:
 Codeset_Domain:
 Codeset_Name: String
 Codeset_Source: ESRI

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Robert Slivinsky

Contact_Organization: Howard County, GIS Division

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: Mailing and Physical

Address: 3450 Court House Dr

City: Ellicott City

State_or_Province: MD

Postal_Code: 21043

Country: United States

Contact_Voice_Telephone: 410-313-3094

Contact_Facsimile_Telephone: 410-313-3211

Contact_Electronic_Mail_Address: rslivinsky@co.ho.md.us

Hours_of_Service: 7:30am-4:30pm

Contact_Instructions: Phone call or email

Resource_Description: Offline Data

Distribution_Liability:

The distributor assumes no liability. A license agreement must be signed before taking delivery of the data. Please see the license agreement for detailed liability information.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: AutoCAD Drawing Format DWG

Format_Version_Number: 11

File-Decompression_Technique: Compressed (Zip) Folder by Microsoft XP Operating System

Transfer_Size: 3

Digital_Transfer_Option:

Offline_Option:

Offline_Media: CD-ROM

Recording_Format: Compressed Zip (AutoCAD .dwg)

Digital_Form:

Digital_Transfer_Information:

Format_Name: ESRI .shp

Format_Version_Number: 8.3

File-Decompression_Technique: Compressed (Zip) Folder by Microsoft XP Operating System

Transfer_Size: 4

Digital_Transfer_Option:

Offline_Option:

Offline_Media: CD-ROM

Recording_Format: Compressed Zip (ESRI .shp)

Fees:

\$200 per CD (AutoCAD or ESRI). The unpaved driveway file is one of many GIS layers on the CD product. Others include:

Land Features - Planimetrics (Street Edge, Tree Line, Buildings, Streams, etc...)
(no attribution) Geodetic Control Points (attribution with scanned recovery cards)
Property Boundaries (polygons with address attribution in ESRI format) Water and
Sewer Utilities (no attribution) Topography (5' interval contour lines and labels)
(no attribution)

No fee charged to other Federal, State, County, other local or educational entities.

Ordering_Instructions:

1.

Generally, users may purchase the data CDs at the Central Services desk in the basement of the George Howard Building

3450 Court House Dr Ellicott City, Maryland 21043

The customer must first sign a license agreement.

The CDs are already complete. Users will received a purchase slip, for which they must pay for the data at the purchasing office. The only Credit Card accepted is the Discover Card, but an additional fee is required.

The customer must return to the Central Services desk to pick up the CD

2.

If a potential customer cannot travel to the Howard Building, he or she may contact the Distributor to request the data.

The distributor will fax a license agreement to the potential customer, who is to complete the LA and fax it back to the distributor.

The customer will mail a check to the distributor, and make the check payable to "The Director of Finance".

Once received, the CD will then be sent via standard US mail the customer.

3.

If a potential customer is a government of educational entity, they may call the distributor and request the CD, or an individual data set from the CD.

The distributor will fax a license agreement to the potential customer, who is to complete the LA and fax it back to the distributor.

The CD or data sets requested will be mailed via standard US mail, or if the data set (s) are under 5MB, they may be emailed immediately.

Turnaround:

1. If the CD is purchased from Central Services, the turnaround time depends on the signing of the license agreement, paying at the purchasing office, and picking up the data CD. General turnaround time is 10 minutes

2. If the potential customer contacts the distributor to request a CD, the distributor will most likely fax the license agreement to the potential customer within the business day. Once the distributor receives the completed fax, he will mail the CD immediately. Deliver time will depend on standard US mail shipping times. (Likely within one business week)

3. If the user is from a government or educational entity and requests the CD or a data set(s), the data will likely be received by the customer within one business week. If the data is emailed, it should be received within minutes depending on internet connection of the customer.

The turnaround times are not guaranteed.

Custom_Order_Process: See ordering instructions

Technical_Prerequisites:

The user must be able to operate a standard computer and know how to use ESRI or AutoCAD software.

Metadata_Reference_Information:

Metadata_Date: 2004/05/07

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Robert Slivinsky

Contact_Organization: Howard County, GIS Division

Contact_Position: GIS Analyst

Contact_Address:

Address_Type: Mailing and Physical

Address: 3450 Court House Dr

City: Ellicott City

State_or_Province: MD

Postal_Code: 21043

Country: United States

Contact_Voice_Telephone: 410-313-3094

Contact_Facsimile_Telephone: 410-313-3211

Contact_Electronic_Mail_Address: rslivinsky@co.ho.md.us

Hours_of_Service: 7:30am - 4:30pm

Contact_Instructions: Phone call or email

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://biology.usgs.gov/fgdc.metadata/version2/>

Profile_Name:

USGS - An Image Map of the Content Standard for Digital Geospatial Metadata

Metadata_Language: English

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