

Center for GIS at Towson University

8000 York Road | 7801 York Road Building, Suite 260 | Towson, Maryland 21252
v.410.704.3887 | f.410.704.3888 | cgis@towson.edu | <http://www.towson.edu/cgis>

Grantor

United States Geological
Survey through the Na-
tional Spatial Data Infra-
structure

Project

Geospatial Database
Development

GIS Coordination and
Data Sharing

Web site

<http://www.usgs.gov/>



Participation in *The National Map* A United States Geological Survey Initiative

The National Map is intended to ensure public access to current, accurate, nationally consistent digital data and topographic maps derived from the data via a seamless, continuously maintained set of public domain geographic base information. Through National Spatial Data Infrastructure (NSDI) Cooperative Agreement Program grants, and partnerships with the Maryland State Geographic Information Committee, the Center for GIS at Towson University (CGIS) serves as Maryland's portal to *The National Map*. Through the NSDI projects, CGIS strives to help local agencies overcome technical and security issues that interfere with their ability to share their data. Maryland's contribution covers four major data themes.

Maryland Cooperative Centerline Program Data (10/1/04 – 9/30/05)

CGIS helped the Maryland State Highway Administration prepare and publish centerline data to *The National Map*.

Maryland Large-Scale Digital Orthoimagery Data (10/1/05 – 9/30/06)

CGIS helped the Maryland Department of National Resources prepare and publish orthoimagery data to *The National Map*.

Structures Data Themes for Maryland and the National Capital Region (5/1/08 – 4/30/09)

CGIS established an automated, sustainable means to collect, document, assemble, and distribute landmark structures data to *The National Map* for the Baltimore-Washington area, the National Capital Region (NCR), Fairfax County, Virginia, and Frederick County and Montgomery County, Maryland.

Transportation Data Themes for the National Capital Region and Frederick County, Maryland (9/1/08 – 09/30/09)

CGIS established an automated, sustainable means to collect, document, assemble, and distribute transportation data to *The National Map* for NCR and Frederick County, Maryland.

Work on each data theme included assessing available data relative to current FGDC, ISO, and OGC standards, assisting with database development and documentation, creating Web Map Services, and publishing relevant metadata records to the Maryland Mapping Resource Guide (www.MarylandGIS.net).

CGIS also developed the white paper "Deploying Maryland Data to *The National Map*."