

## High Resolution Orthoimagery: Up Close and Personal

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**Introduction:** The U.S. Geological Survey (USGS) is acquiring high resolution orthoimagery for the most populated metropolitan areas of the United States. As an essential element of *The National Map*, (<http://nationalmap.gov>) the need for up-to-date imagery is critical for Homeland Security and Emergency Response. The Orthoimagery category is one of the framework layers for *The National Map*. Imagery can be used as a base layer for updating or deriving additional geographic information, such as transportation networks, hydrographic features, elevation, and land cover.

**Acquisition of Imagery:** The goal is to collect imagery over the metropolitan areas with a resolution of approximately 1/3 meter or about 1 foot.

### Example of High Resolution Orthoimagery for Washington D.C.



The acquisition date of the Washington D.C. area imagery was April 2002.

#### Specific areas of Washington D.C. demonstrating the resolution of the imagery.



Lincoln Memorial



Washington Monument



Ball Field beside Potomac River



Jefferson Memorial

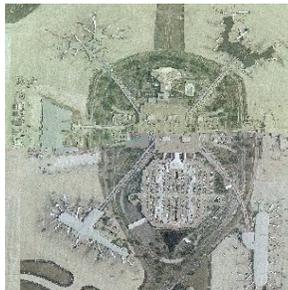
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### Example of High Resolution Orthoimagery for Tampa – St. Petersburg, Florida



The acquisition date of the Tampa – St. Petersburg, FL area imagery was May 2002.

### Specific areas of Tampa, FL demonstrating the resolution of the imagery.



Tampa International Airport



Raymond James Stadium



Airplane on the runway



Pirate ship at north end of Raymond James Stadium

### Distribution of Imagery to the Public:

The data is available as a seamless product on the Seamless Data Distribution System. (SDDS)

<http://seamless.usgs.gov>

The imagery is available for online download as small files or larger areas may be purchased on media (CD or DVD).

### Useful URL's:

<http://seamless.usgs.gov>

<http://gisdata.usgs.net>

<http://edc.usgs.gov>

<http://nationalmap.gov>

<http://www.usgs.gov>

### Contact Information:

Customer Services

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