

**For:** State and County Offices

**FSA Base Image Replacement Procedures**

**Approved by:** Acting Deputy Administrator, Farm Programs



**1 Overview**

**A Background**

FSA began the National Agriculture Imagery Program (NAIP) in 2003 to provide digital orthoimagery for compliance and official base layer replacement purposes. NAIP distributes imagery in a compressed county mosaic (CCM) format to State Offices roughly 30 calendar days after the end of the flying season. The initial deliveries were to be:

- used primarily for compliance purposes
- considered an interim product, pending a formal quality assurance process.

Once the quality assurance process was complete, APFO notified the State Office by memorandum that the imagery had been accepted and that it was now the official FSA imagery base layer. The memorandum also outlined data management procedures that involved renaming and moving CCM to another subfolder on the Service Center's **f:\geodata** drive. CCM's regenerated to address quality issues and other problems were distributed as updated versions.

**B Purpose**

This notice:

- announces a change in policy about when NAIP imagery becomes the official base layer
- provides updated data management instructions for NAIP CCM's.

<b>Disposal Date</b>	<b>Distribution</b>
August 1, 2008	State Offices; State Offices relay to County Offices

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**2 Base Image Replacement**

**A Policy Change**

Effective upon delivery of CCM that occurs immediately following the flying season, 2007 NAIP 1-meter imagery is considered official base imagery. Changes made in 2007 NAIP product specifications eliminate the need for State Office or Service Center staff to rename and move CCM's to a new folder location.

This policy is retroactive for 2006 NAIP. This notice:

- replaces the APFO memorandum
- informs State and County Offices that they can implement 2006 NAIP 1-meter imagery as the base replacement layer.

**3 Action**

**A State Office Action**

State Office GIS Specialists shall follow the procedures listed in this table for NAIP 1-meter data management.

	<b>2006 NAIP</b>	<b>2007 and Future NAIP</b>
<b>On delivery</b>	<ul style="list-style-type: none"> <li>• CCM delivered as: naip_&lt;x-x&gt;_&lt;r&gt;&lt;n&gt;_&lt;f&gt;_&lt;stnnn&gt;_&lt;yyyy&gt;_&lt;v&gt;</li> <li>• Install CCM and metadata in the “compliance_fsa” folder.</li> </ul>	<ul style="list-style-type: none"> <li>• CCM delivered as: ortho_&lt;x-x&gt;_&lt;r&gt;&lt;n&gt;_&lt;f&gt;_&lt;stnnn&gt;_&lt;yy yy&gt;_&lt;v&gt;</li> <li>• Install CCM and metadata in the “ortho_imagery” folder.</li> </ul>
<b>Upon receipt of official memorandum</b>	<ul style="list-style-type: none"> <li>• This notice serves as the official memorandum.</li> <li>• Rename CCM to: ortho_&lt;x-x&gt;_&lt;r&gt;&lt;n&gt;_&lt;f&gt;_&lt;stnnn&gt;_&lt;yyyy&gt;_&lt;v&gt;</li> <li>• Move CCM to the “ortho_imagery” folder.</li> <li>• New metadata will be sent on CD to the State Office at a future date.</li> <li>• Once received, install metadata in the “ortho_imagery” folder.</li> </ul>	<p>No memorandum will be sent and no action required for Service Center data management.</p>

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### 3 Action (Continued)

#### A State Office Action (Continued)

Follow these file naming conventions:

**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to imagery type  
**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to CD/DVD number  
**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to image resolution in meters  
**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to image spectral resolution  
n=natural color, c=color infrared, m=multispectral  
**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to image format s=MrSID  
**ortho\_<x-x>\_<r><n>\_<f>\_<stnnn>\_<yyyy>\_<v>**: refers to CCM version number

**Note:** Points of contact for this action are as follows:

- David Davis at 801-975-3500, Ext. 278
- Brian Vanderbilt at 801-975-3500, Ex. 240.

#### B County Office Action

County Offices shall follow State Office direction.