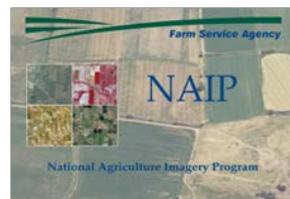
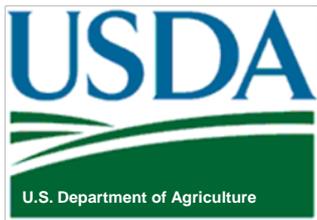


National Agriculture Imagery Program

**FSA State GIS Specialists
November 29, 2011**

2012 NAIP

Kent Williams, Deputy Director
USDA FSA Aerial Photography Field Office
Salt Lake City, Utah



Lessons Learned

NAIP 2007-2011

IDIQ Contract

- Funding uncertainty is a constant
- Image quality still very important
 - Trending upwards
- Horizontal Accuracy just as important as image quality
- Rapid turnaround still important to FSA
- FSA reliance on image web services
- Contractors can deliver 4 band at little additional cost

New NAIP Contract in 2012

- IDIQ Contract
 - Indefinite Delivery Indefinite Quantity
- Scheduled to be awarded April 2012
 - RFP released early February 2012
- Contract length - TBD
- Number of Contractors - TBD
- Standard Product:
 - 4-Band GeoTIFF DOQQ,
 - 1 meter resolution
 - State-based seamline shapefile



New NAIP Contract

- Expected changes in contract:
 - Add AK & HI for possible acquisitions
 - Option for ½ meter buy-up
 - Estimated additional 50% cost of standard product
 - Partners pay buy-up costs
 - Option for hyper-spectral
 - Future aerial cameras, commercial satellite imagery
 - Horizontal Accuracy Specification
 - Change in reporting metric
 - De-emphasize Compressed County Mosaics
 - Single delivery, later in project year.

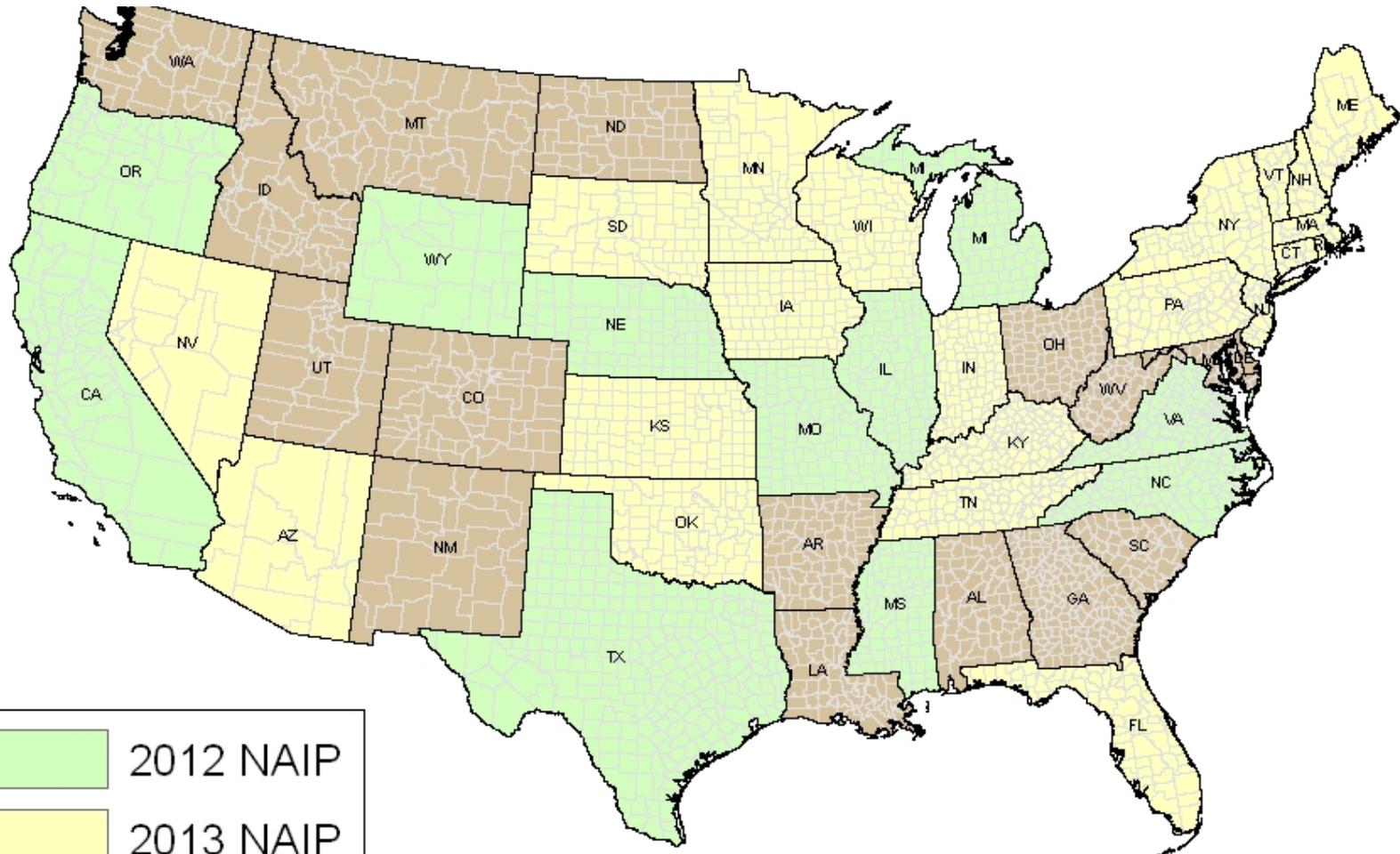


2012 NAIP

Federal Partner Cost Share

- Use Fixed Cost Share Amounts
- Based on approximate 3 year cycle
- Annual Schedule (states flown) based on:
 - Available Funding
 - Date of Existing Imagery
 - FSA Program Priority
- Projected annual funding at
 - FSA \$10.1M
 - Federal Cost Share Target at \$5.7M
- Agreement Deadline: Jan 31, 2012 **SIGNED**

2012-2014 NAIP - Planned Acquisition



2012 NAIP

Federal Partnership Agreements

- 2012 budget is estimated at \$15.8M
 - FSA \$10.1 M
 - Federal Partners \$5.7M
- Agreement Deadline: Jan 31, 2012 **SIGNED**
 - Require Usage Statistics in MOUs with Feds



2012 NAIP

State Partnerships

- Focusing on buy ups from states
 - Partners pay 100% of buy up costs
 - FSA benefits from enhanced products
- New Financial System
 - Need funding up front for Buy-ups
 - Signed check by march 1 of calender year



2012 NAIP

Product Availability – Quarter Quads

- Incremental delivery of State projects
 - Build image services for FSA
- Available to partners and general public after “Full Delivery” of Products
 - All QQs delivered for single state project
 - 30 to 60 days after flying season end
- No additional cost to cost share partners
- Direct sales for everyone else
 - Bulk Prices
- No licensing restrictions



2012 NAIP

Product Availability to Partners

- Compressed County Mosaics
 - No longer primary imagery product for FSA
 - Discontinue CCMs as deliverable in Partner MOUs
 - Available 30-60 days after flying season **for a fee**
 - Fee based on file size
 - Still available on USDA Geospatial Data Gateway
 - via eAuth to USDA



2012 NAIP

Changes under Consideration

Horizontal Accuracy Standard

- **Current standard is based on percentages**
 - 95% of points measured must be < 6 meters from ground
 - allows for large errors if less than <5% of points measured
- **New Standard is based on confidence interval**
 - 95% confidence that measured points < 6 meters
 - Better able to account for small number of large errors



2012 NAIP Outreach

- Develop Outreach/Marketing Plan
- Highlight value to FSA and Partners
- Identify Impacts if not funded
- Define, track, and report performance metrics

