

Ortho Imagery QA/QC Report Form

Project Name: Sacramento 15cm Lot 4 State: CA
Date Received: 10/4/11, 11/8/11 Date Review Completed: 10/6/11, 11/9/11
Reviewer(s): Dale Benson Contract Type: GPSC
Primary Contractor: Woolpert

State Liaison/Phone #/email: Carol Ostergren; 916-278-9510; costergren@usgs.gov
Point of Contact: Patrick Emmett
Contact Phone #: 573-308-3587 Contact email: pemmett@usgs.gov
Other Point of Contact: N/A

Projection: UTM Zone: 10
Datum: NAD83 Planar Units: Meters
Image info: Geotiff with.tfw files Film Type: Natural Color
Pixel Size: 15cm Other Pixel Size: 30cm Tile size: 750m x 750m
Year Imagery Collected: 2011

Metadata: **Tile Level** Metadata Status: **Accepted**
Metadata Notes:

Horizontal Accuracy Test Performed: **No, Will be checked with 30cm dataset.**
If (Yes) explain:

Status of QA

Accepted By NGTOC (Denver) See Summary

Date Accepted/Rejected: 11/9/11

Accepted: data set that went through a QA/QC review and conforms to contract/agreement requirements.

Rejected: areas of a data set that DO NOT conform to contract/agreement requirements and need further review by the provider.

Accepted AS-IS: data set initially rejected during QA/QC review, but meets partner needs. Areas of concern documented in this QA/QC report.

Summary: This 15cm resolution dataset consists of 576, 750 X 750 meters tiles covering 125.1sq mi.

The quality of the imagery is excellent.

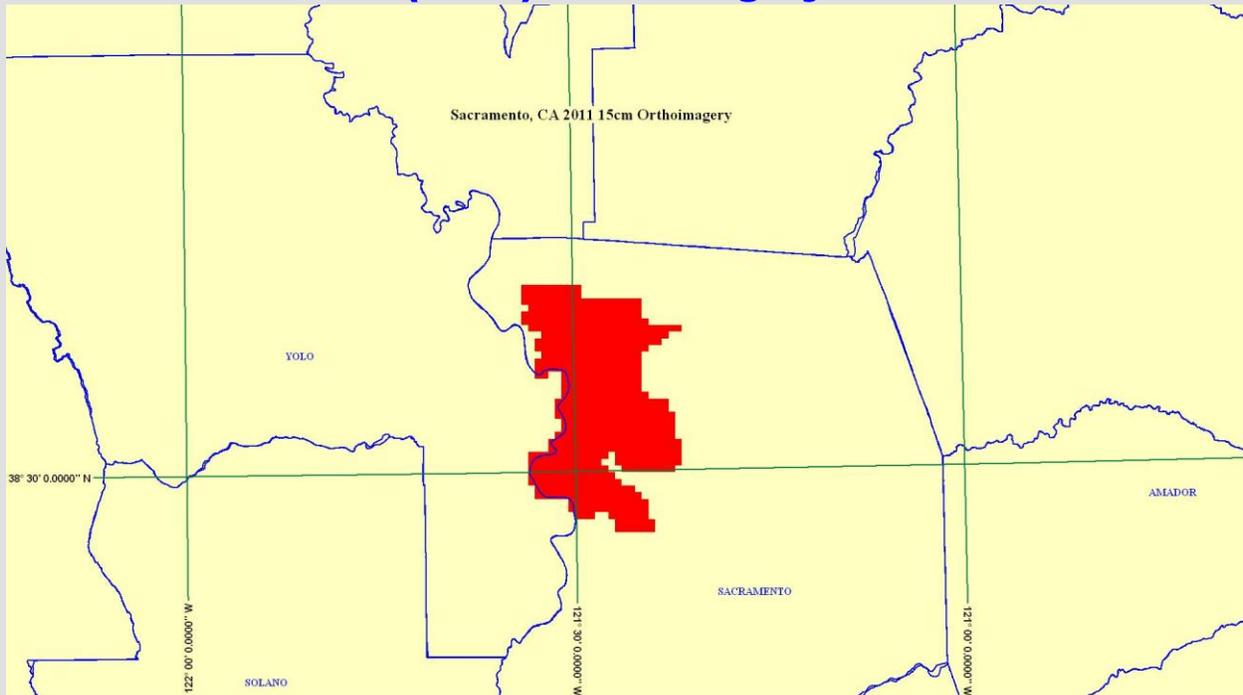
This 15cm dataset is the same exact imagery as the 30cm coverage, simply sampled to a different resolution. Therefore, errors mentioned below affect both datasets and will be referenced in both reports. The specific error number will be different in all but one instance. A cross-reference list is shown below.

Eight small errors were detected--three warped features, three instances where building lean entirely obscured portions of streets, and two offset features at ground level beneath overpasses. Jpegs of all these appear at the end of this reports. An error summary shapefile and a summary .zip file of the individual georeferenced .jpegs will be provided to Patrick Emmett of the Commercial Partnership Team in Rolla who is overseeing the project. Mr. Emmett may provide these to the vendor. *NOTE: There is no error_01. It was removed after further inspection. NOTE_2: Vendor supplied alternate perspective on building lean errors in 11/4 email--originals were best available. Corrections received 11/8/11--Accepted.*

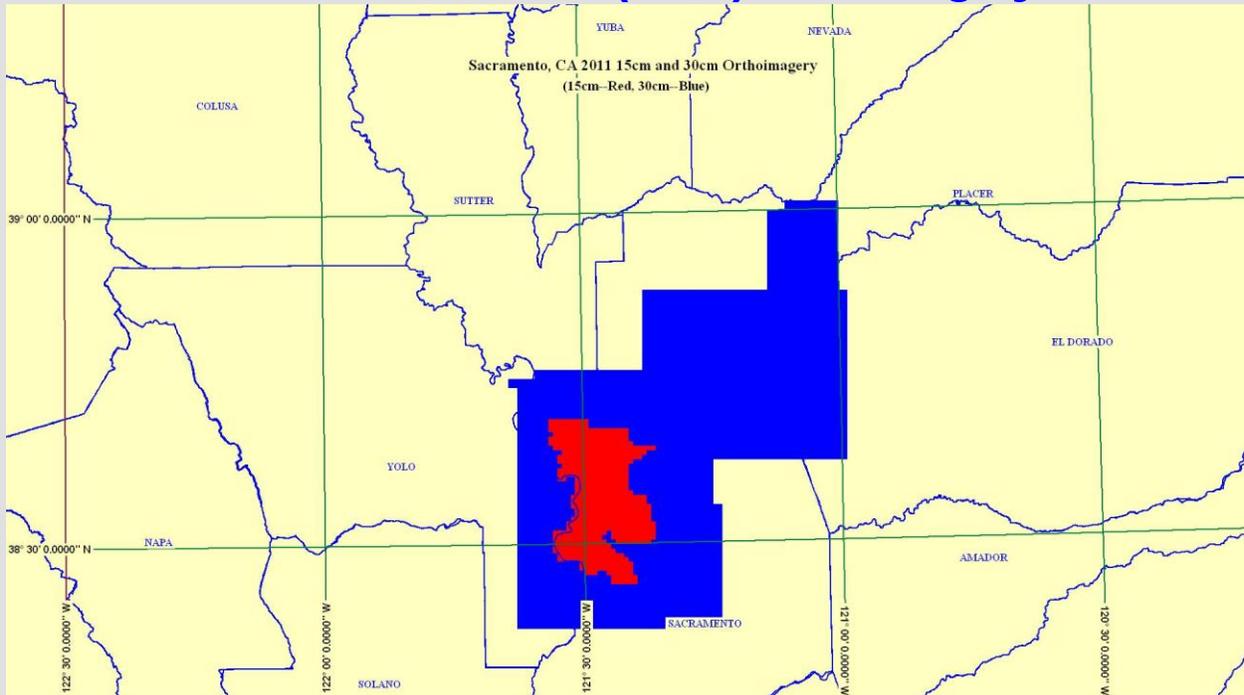
Error number Cross-reference List	
<u>15cm number</u>	<u>30cm number</u>
02	05
03	06
04	13
05	07
06 Not in15cm dataset	02
07	03
08	08
09	11

- **Tonal Balance and Color: (Accepted)**
- **Bridge, Overpass, Other Alignment: (Rejected)**
- **Coverage: (Accepted)**
- **Shadows: (Accepted)**
- **Building Lean: (Accepted AS -IS)**
- **Metadata: (Accepted)**
- **Horizontal Accuracy: (Will be checked with 30cm dataset)**
- **Data Format: (Accepted)**

Sacramento 2011 15cm (Lot 4) Orthoimagery Extent



Sacramento 2011 15cm and 30cm (Lot 4) Orthoimagery Extents



Error 02 Warped Roadway at end of Bridge (Fixed)



Error 03 Building lean covers streets (Accepted AS-IS)



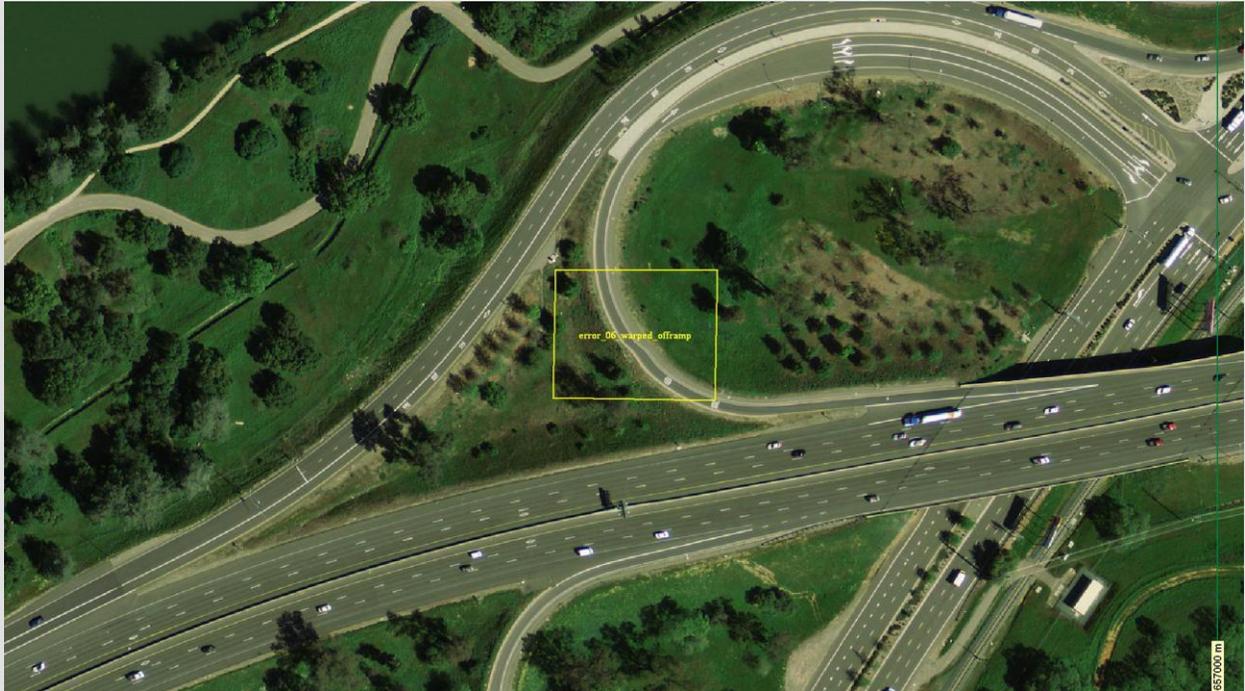
Error 04 Building lean covers streets (Accepted AS-IS)



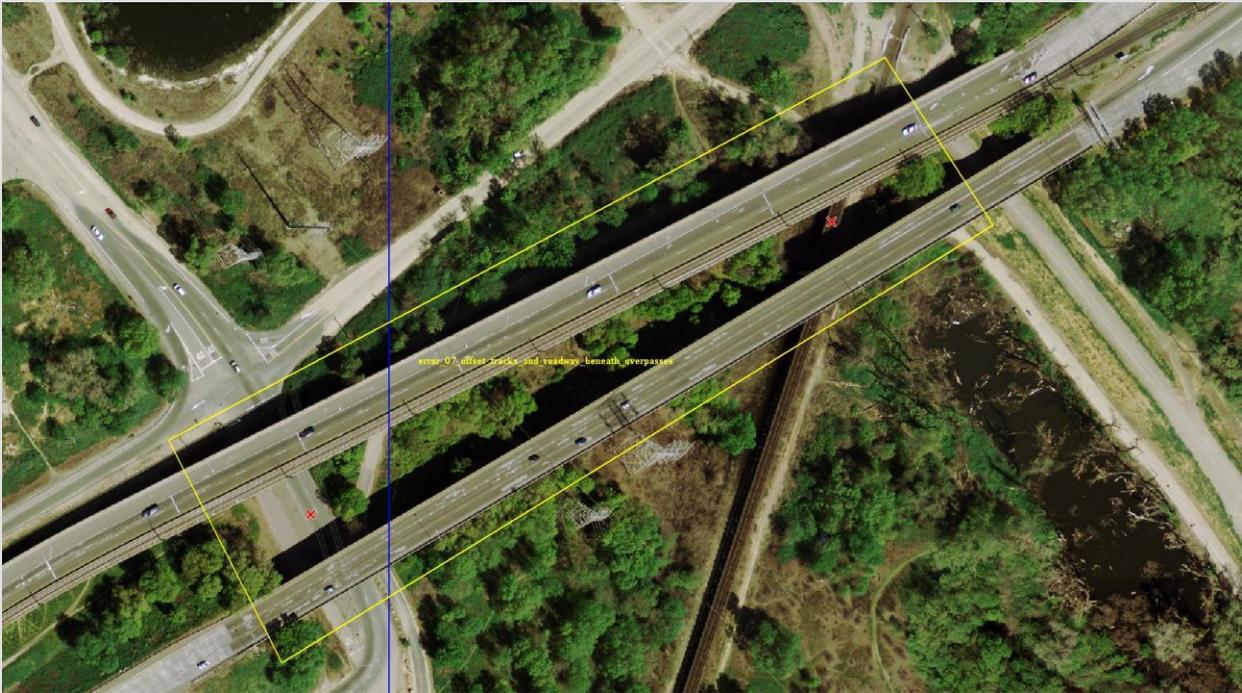
Error 05 Building lean covers streets *(Accepted AS-IS)*



Error 06 Warped offramp *(Not in 15cm Dataset)*



Error 07 Offset tracks and roadway beneath overpasses (Fixed)



Error 08 Warped railroad tracks (Fixed)



Error 09 Offset roadway beneath overpasses (*Fixed*)

