

Ortho Imagery QA/QC Report Form

Project Name: Sacramento 30cm Lot 4 State: CA
Date Received: 10/4/11, 11/8/11 Date Review Completed: 10/26/11, 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: 30cm Other Pixel Size: 15cm Tile size: 1500m x 1500m
Year Imagery Collected: 2011

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

Horizontal Accuracy Test Performed: **No, Will be checked with 15cm 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 30cm resolution dataset consists of 1086, 1500 X 1500 meters tiles covering 943.4 sq mi.

The quality of the imagery is excellent.

NOTE: The 30cm dataset covers an area that also has 15cm tiles. The imagery is exactly the same, simply sampled to a different resolution. Therefore, errors mentioned in the 15cm report also affect this dataset 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.

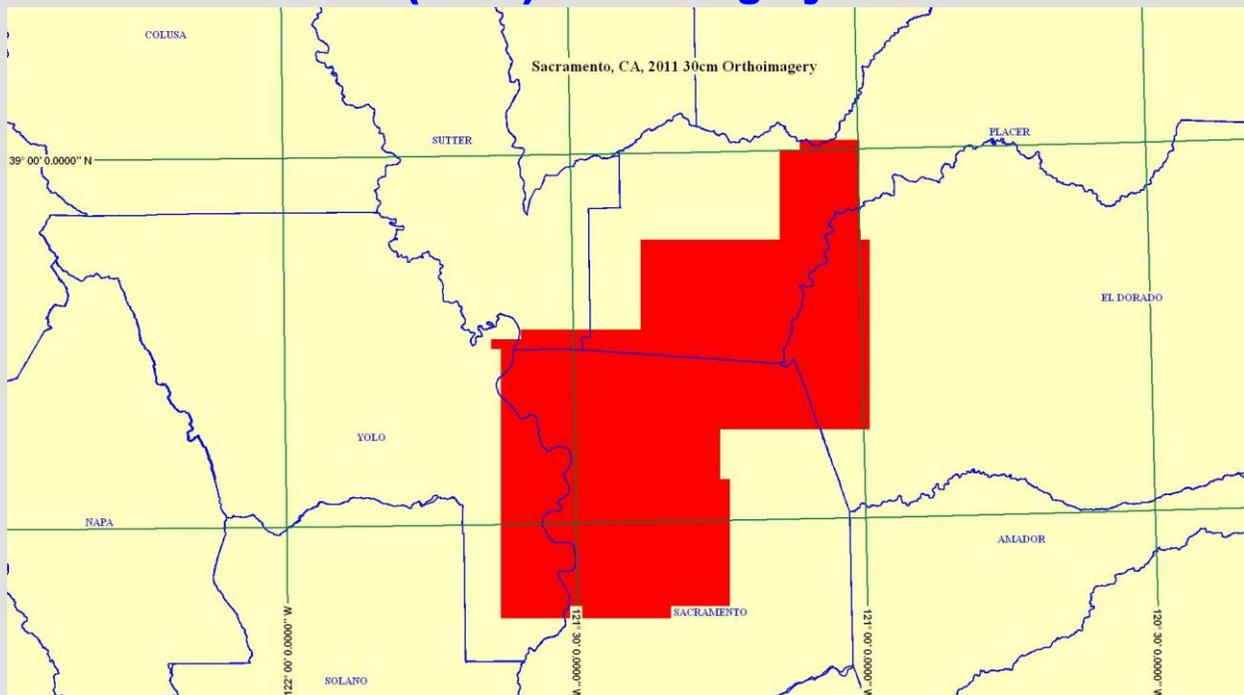
Thirteen small errors were detected (eight of which are common to the 15cm dataset). The eight common errors contain three warped features, three instances where building lean entirely obscured portions of streets, and two offset features at ground level beneath overpasses. The five errors specific to the 30cm dataset include four warped features and one offset feature adjacent to an overpass. Jpegs of all these appear at the end of this reports. *Vendor supplied alternate perspective on building lean errors in 11/4 email--originals were best available. Corrections received 11/8/11--Accepted.*

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.

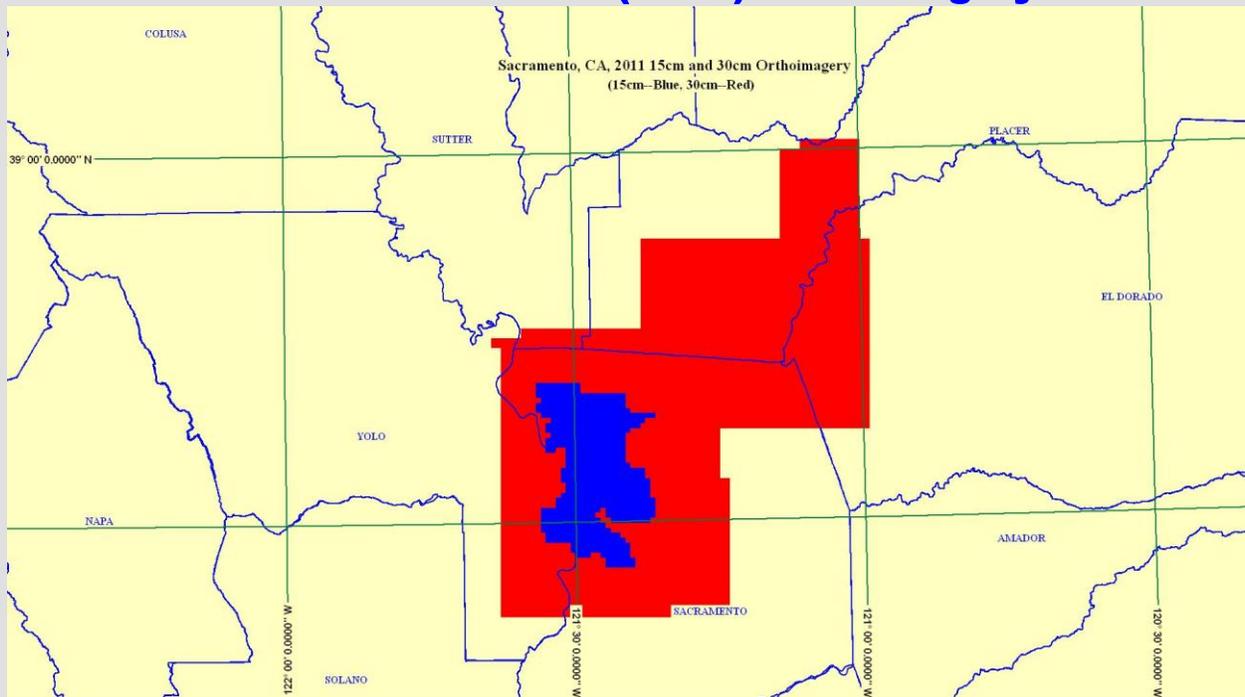
Error number Cross-reference List	
30cm number	15cm number
05	02
06 (not in both sets)	03
13	04
07	05
02	06
03	07
08	08
11	09

- **Tonal Balance and Color: (Accepted)**
- **Bridge, Overpass, Other Alignment: (Accepted)**
- **Coverage: (Accepted)**
- **Shadows: (Accepted)**
- **Building Lean: (Accepted AS-IS)**
- **Metadata: (Accepted)**
- **Horizontal Accuracy: (Will be checked with 15cm dataset)**
- **Data Format: (Accepted)**

Sacramento 2011 30cm (Lot 4) Orthoimagery Extent



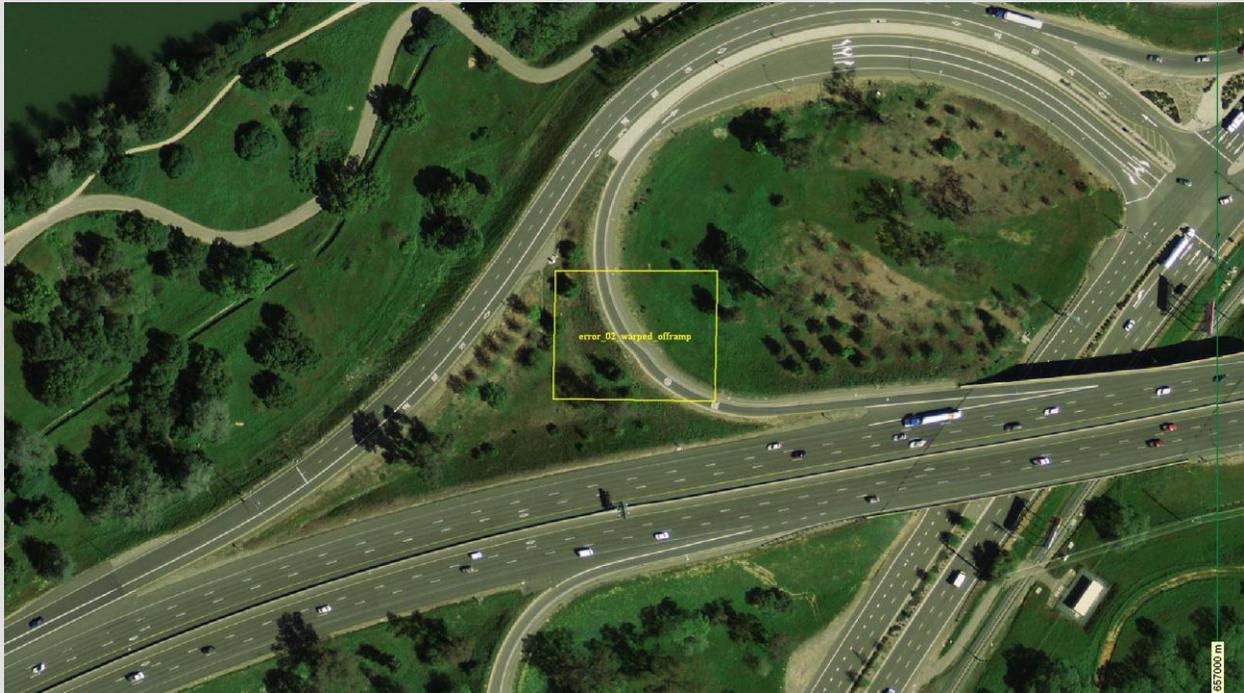
Sacramento 2011 15cm and 30cm (Lot 4) Orthoimagery Extents



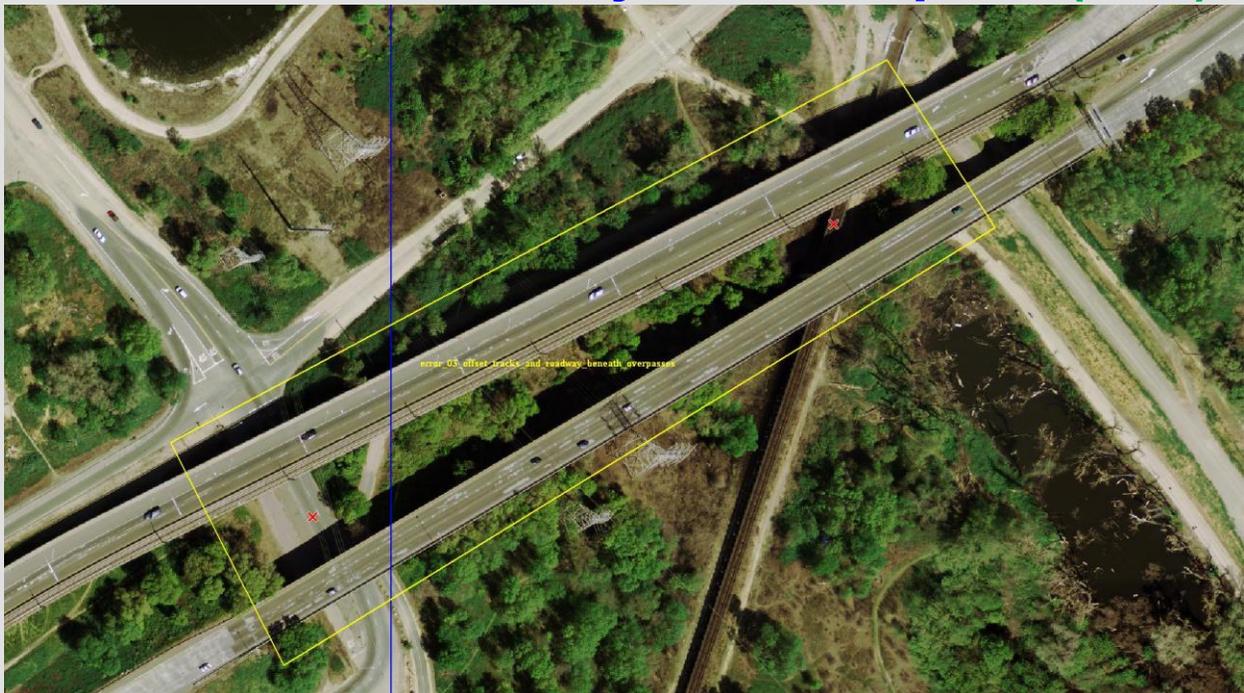
Error 01 Warped railroad tracks (Fixed)



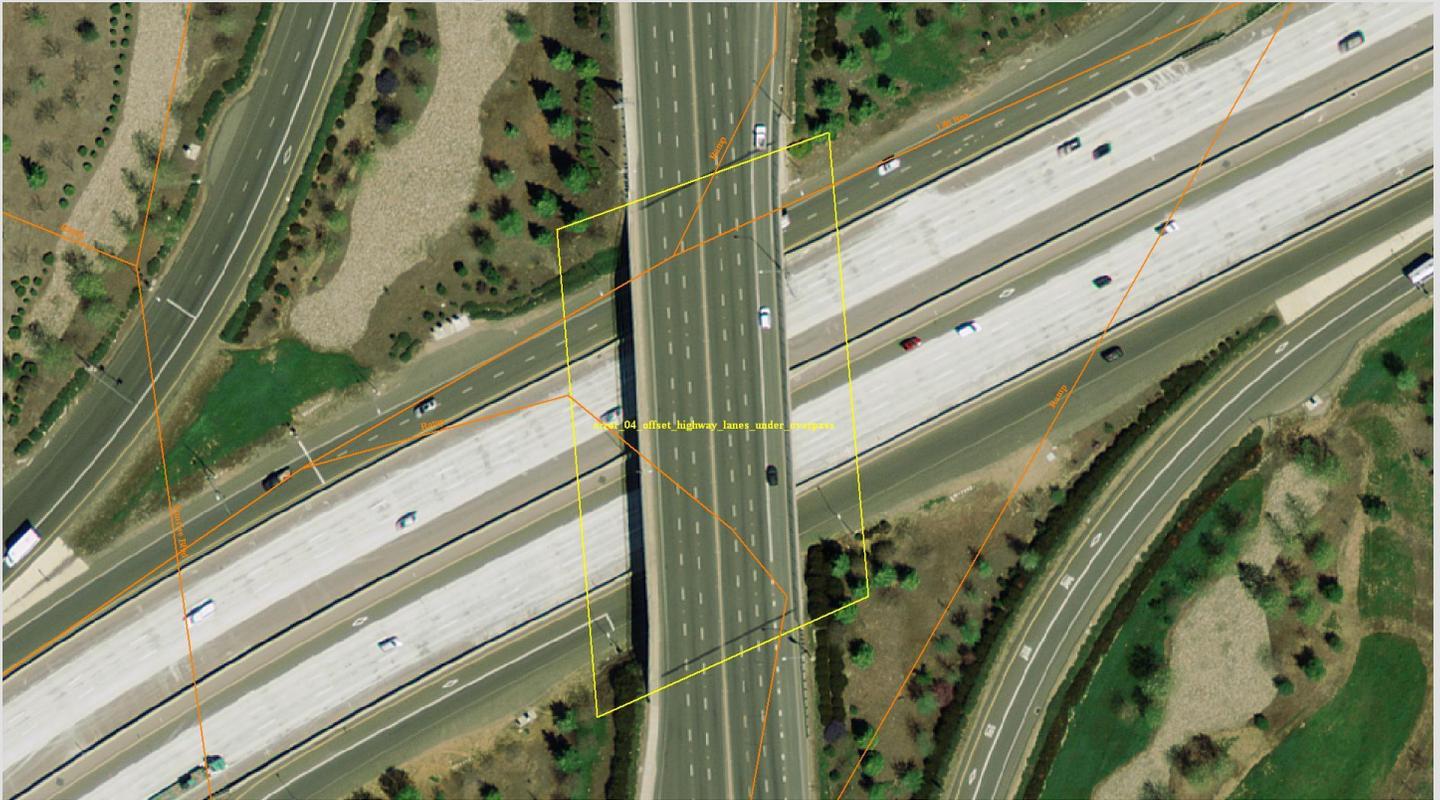
Error 02 Warped offramp (Fixed) Not in 15cm dataset as stated



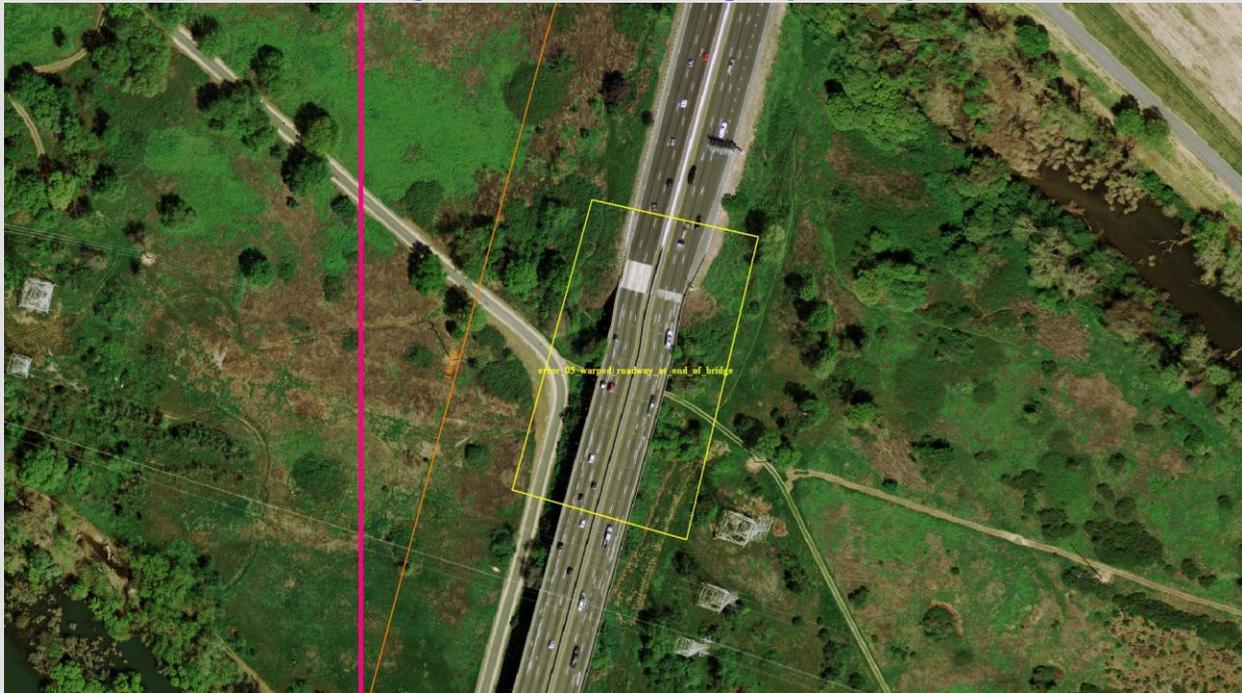
Error 03 Offset tracks and roadway beneath overpasses (Fixed)



Error 04 Offset highway lanes under overpass (Fixed)



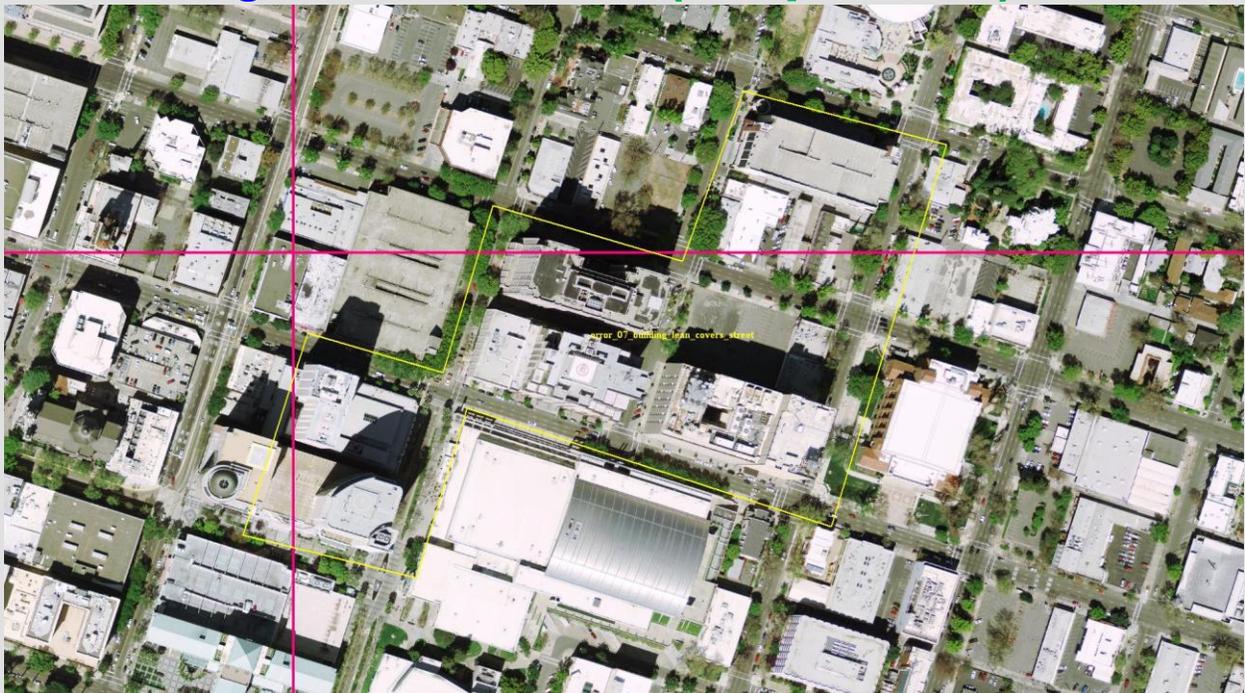
Error 05 Warped roadway at end of bridge (Fixed)



Error 06 Building lean covers street (Accepted AS-IS)



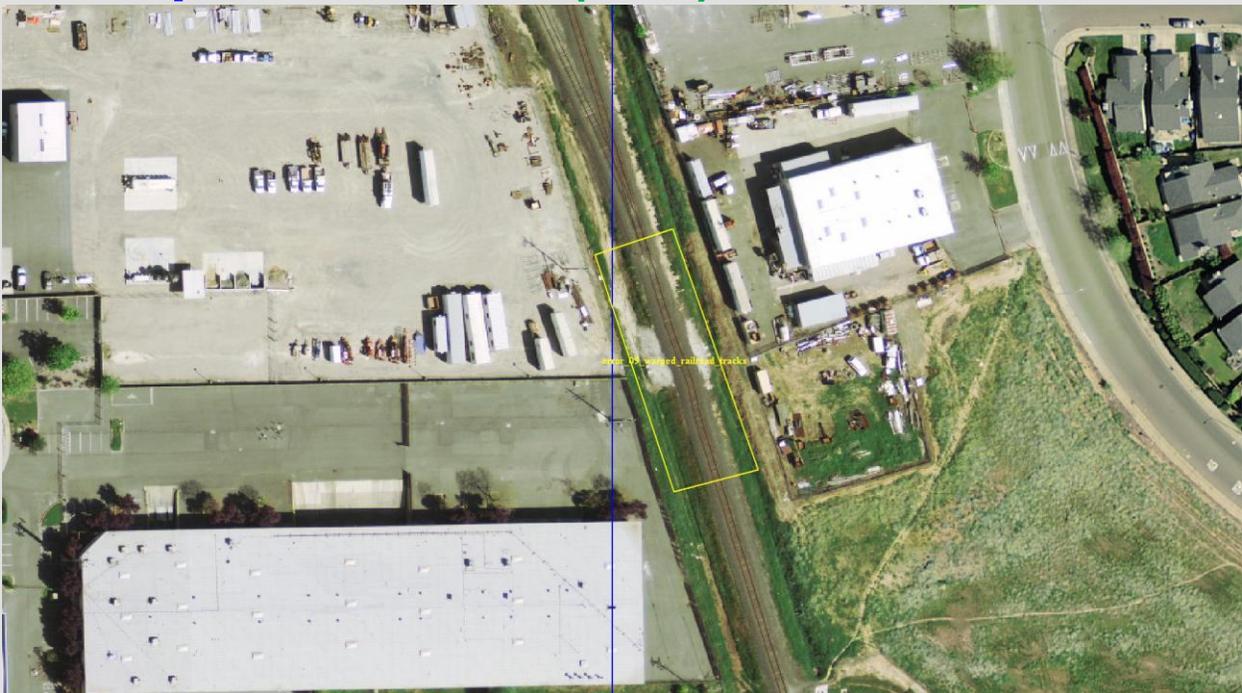
Error 07 Building lean covers street (Accepted AS-IS)



Error 08 Warped railroad tracks (Fixed)



Error 09 Warped railroad tracks (Fixed)



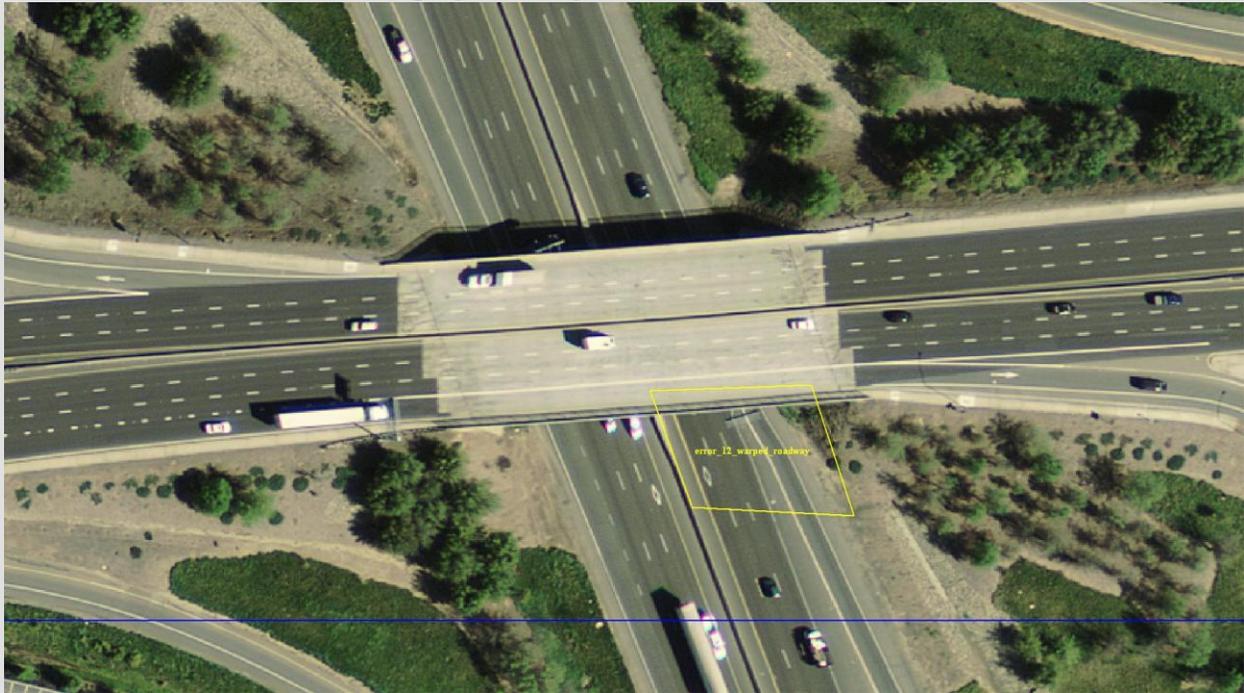
Error 10 Warped overpass (Fixed)



Error 11 Offset roadway between overpasses (Fixed)



Error 12 Warped roadway (Fixed)



Error 13 Building lean covers streets (Accepted AS-IS)

