

Colorado Statewide Aerial Imagery

The CDOT Division of Transportation Development and the Colorado Office of Information Technology (OIT) have purchased statewide high resolution imagery from Vexcel®. The following is a high-level overview of this project. More detailed information on the imagery can be found on the [Vexcel Data Program](#) website.

Imagery Specifications

- Statewide coverage: 15-20 cm (5.9-7.8 in.) resolution, collected every two years
 - Last collected in summer of 2022
 - Next collection will occur in summer of 2024
- Urban area coverage: 7.5 cm (3 in.) resolution, collected annually
- Access to historical imagery
- 4 bands: RGB, NIR
- Oblique imagery available for urban areas
- Leaf on data collection
- Includes “Gray Sky” coverage:
 - Fly immediately following large wildfires and other natural disasters that impact property
 - Available within 24 hours of flight, 3 in. resolution

Data Access

- High-performing Web Map Tile Streaming (WMTS) service that can be viewed directly in GIS, CAD, and remote sensing software
- Vexcel Image Services for ArcGIS that will allow imagery analysis using Esri® software
- Online map viewer to explore different years of data and download georeferenced images locally
- Available to all local and state governments including MPOs and their consultants
- OIT will develop an acceptable use policy and manage access to the streaming services, data viewer, and raw image tiles (most likely hosted in the cloud and accessed via a download portal)

Status

OIT and CDOT are currently working on a rollout process to provide access to state and local agency staff. In the future, OIT and CDOT will be looking for feedback from the user community and will develop a formal process to submit feedback and user stories.

For questions contact Jackie Montes, OIT GIS Manager at jackie.montes@state.co.us or Nell Conti, CDOT GIS Section Manager at nell.conti@state.co.us