

Opportunity to Increase Resolution of Aerial Imagery & More

Aerial photography (imagery) is an important tool for a variety of municipal uses. Planning, public works, fire & safety, assessing, stormwater management and other aspects of local government benefit when current imagery is available with adequate resolution to identify features on the ground. A new round of imagery is expected to be acquired in the spring of 2018 (a small portion of Huntington will be flown in 2017) for Chittenden County.

Municipalities in Vermont receive imagery through the [Vermont Imagery Program](#) managed by the VT Center for Geographic Information (VCGI), a Division under the VT Agency of Commerce and Community Development. Most of the CCRPC region is slated to be flown in the Spring of 2018 at a resolution of 30 centimeters (cm) per pixel. This base product will be provided to CCRPC and municipalities with no local contribution required.

Once again, VCGI is offering a [buy-up program](#). In 2013, Chittenden County municipalities participated in a buy-up to acquire 15-cm per pixel imagery. We currently have 2004 imagery for most Chittenden County at this resolution as well as the complete county in 2013. CCRPC would like to continue to acquire imagery at 15-cm, because this higher-level resolution provides a much clearer image of buildings and structures. For example:

- public works infrastructure is clearly visible, including roads, sidewalks, street lights, manholes, hydrants, and other local assets;
- planning and zoning staff can use the imagery to plan for local development, check for permit compliance, consider economic development and infrastructure projects;
- other town departments, the private sector, CCRPC, and the public all will use enhanced imagery in a variety of ways.

As requested in the [buy-up program](#), CCRPC will submit an application for the 15-cm buy-up for Chittenden County in the Fall of 2017 (an application for the portion of Huntington being flown Spring 2017 will be submitted next month). In the meantime, please contact Pam Brangan (pbrangan@ccrpcvt.org) or 846-4490 ext. *22 with any questions.

