

## VTrans Unmanned Aircraft Systems Collaboration Initiative

### PROJECT TITLE

VTrans UAS –  
Collaboration Initiative

### STUDY TIMELINE

July, 2018 – July, 2021

### INVESTIGATORS

Evan Robinson, VTrans

### VTRANS CONTACTS

Evan Robinson, UAS Manager  
Dave Tillberg, GIS Professional

More information about the VTrans Research Program, including additional Fact Sheets, can be found at:  
<http://vtrans.vermont.gov/planning/research>

### Problem Statement

Discovering opportunities to share UAS imagery and technology with all sections of VTrans, and other Vermont State Agencies

AGENCY OF DIGITAL SERVICES

Vermont Center for Geographic Information

SEARCH

CONTACT

Data and Programs

Resources

Maps

Partners

About VCGI

DATA RELEASE

#### VTRANS UAS PROGRAM IMAGERY NOW AVAILABLE

03 AUGUST 2020



We are excited to announce the availability of high-resolution, georeferenced unmanned aircraft systems (UAS) imagery in the [Vermont Open Geodata Portal](#) as captured by the [VTrans UAS program](#). Images available for reference include flights captured in 2019 and 2020 at select VTrans and partner agencies' project locations.

### Methodology

Unmanned Aircraft Systems have proven to be an efficient data collection tool in many transportation applications. In addition to AOT missions, VTrans UAS has found collaboration opportunities with Vermont agencies for personnel training and mission capability development. VTrans has also partnered with VCGI to provide a public facing UAS imagery viewing application

### Next Steps

Finding opportunities to team up with multi-state DOT's and other Vermont agencies has provided VTrans UAS with many connections and chances for continued learning.

### Potential Impacts and VTrans Benefits

In a state with limited resources, it has been beneficial to work across agency lines. Each agency brings a special capability to the table, and collaboration has led to efficiency and productivity. Future opportunities to share knowledge and technology will be leveraged as VTrans UAS defines itself as a valuable state resource.

