

Memo

To: Senate Committee on Institutions

From: John E. Adams, VCGI Director

Date: 3/27/2018

Re: Capital Bill - Line 48: VT Center for Geographic Information - digital orthophotography quadrangle mapping

No change requested from the FY18 (\$125k) and FY19 (\$125k) amounts included in Capital Bill passed in 2017 (Act 84.)

The statewide orthophotography is a critical resource for municipalities, State Agencies, the private sector and the general public. Examples of how orthophotography is used include: VTrans for project planning and site development; ANR for managing state assets such as parks, wildlife, wetlands and forests; first responders for operational awareness during incidents and for emergency planning purposes; VT E-911 uses during E911 calls to improve situational awareness; municipalities in helping with determining property values, establishing parcel boundaries, and town planning. Statewide orthophotography enables professionals and non-professionals alike in agencies, jurisdictions and business areas across the state to make critical planning and operational decisions based on this authoritative shared asset.

2016-2020 ACQUISITION PLAN

- Annual request of \$125k

SPECIFICATIONS

- Color and Infrared
- Leaf-Off, No Snow, No Clouds
- Accuracy within 73.4cm (NSSDA standard)
- 30cm resolution (15cm targeted areas)
- Independent control points (QA/QC)

