

VLR, GIS Training for Municipalities

PROJECT TITLE

VLR, GIS Training for Municipalities

STUDY TIMELINE

02/2019- 06/2021

INVESTIGATORS

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Problem Statement

Vermont Local Roads is utilizing STIC funding to purchase equipment for GIS training focused on Vermont municipalities. Through the training process we are working to identify municipalities who want to commit to an implementation process where an iPad will be granted to the town so GIS data collection and database maintenance work can be conducted in the field. This will greatly empower Vermont municipalities to improve their asset management processes and capabilities.



Methodology

Vermont Local Roads has purchased 10 iPads to use during the GIS training workshops. A considerable amount of work has been done to develop a training curriculum and establish a methodology for granting an iPad to participating towns who will then report back their progress in implementing asset management techniques and the impacts and benefits they experience as they begin building an asset management program within their town.

Next Steps

As a result of the COVID-19 outbreak we have experienced a setback in our curriculum development process and training schedule as the subject matter expert we have been working with is no longer available. We are now working to update our contract process to procure an instructor and subject matter expert for the training workshops we intend to have in the spring of 2021. In addition, we are continuing conversations with the VTrans legal team to finalize our method of delivery in granting iPads to participating towns.

Potential Impacts and VTrans Benefits

The impacts of encouraging and enabling asset management techniques within Vermont municipalities is multifaceted. As more Vermont municipalities adopt robust management techniques related to the roadway networks, their budgets will increasingly go farther and produce more resilient roadways that provide a higher level of service for all Vermont road users. This improved financial position and roadway resiliency will have a positive impact on the State as municipalities will require less funding to help mitigate roadway failures within their networks.

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