

## VAMIS - Vermont Asset Management Information System

### PROJECT TITLE

Vermont Asset Management Information System (VAMIS)

### STUDY TIMELINE

Fall 2016 – Summer 2025

### VTRANS CONTACTS

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### Introduction

The Agency has dedicated support and resources to incorporate asset management practices into its business processes to comply with State and Federal regulations and to improve the efficiency of the Agency's stewardship of its transportation infrastructure. In many ways the Agency has been practicing asset management for decades, however, what has been lacking is a cohesive framework that allows Agency personnel to "see the big picture" thus limiting their ability to manage assets holistically and proactively while impeding their ability to make risk and performance based, data supported programming decisions.



### Action Taken

VTrans Asset Management Bureau has engaged in a contract with Deighton Associates, Ltd. to implement Deighton's cloud-based asset management solution as that cohesive framework. The goal is to get as many assets as possible implemented into the solution, but to also demonstrate the added value of key features, like work order process. Currently there are twenty-four asset groups defined, spread across multiple phases of implementation.

### Next Steps

To date, Deighton's use of Agile development methodology has kept the project on track. We are putting the finishing touches on pavement asset implementation. Bridge assets are about halfway through their implementation. Small culverts, guardrail, signals, signs, stormwater, ditches, are all in various stages of preparation for implementation.

### Potential Impacts and VTrans Benefits

VAMIS provides deterioration modeling and analysis, which in turn drives decision making tools like cross-asset analysis and budget scenario analyses. With the aforementioned assets implemented, VTrans will be able to monitor their lifecycle, and perform budgeting programming tasks that ensure the right treatment on the right asset at the right time.

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