

VAMIS

August– 2020

Vermont Asset Management Information System

August is a time of bounty, field work and projects are in full swing, kids are off to school and the harvest of the garden starts to flow in. VAMIS has also gathered assets and data, and we are seeing the fruits of our labor. The cross-asset analysis functions for pavement and bridges are working, the long and short structures data setup is almost complete, the Operations & Management platform is progressing nicely, and we have begun preparing the next cluster of assets to transition. This brings us to one very important key feature that we cannot do without. Where does all of this come from?? From you of course!

Field Collection this is the heart of asset management. The “on the ground” assessments and field inspections that are completed each year are critical elements to ensure that VAMIS can provide up-to-date data and information. Gathered by inspectors, field crews and even drones, data is collected and collated for use. The data gathered through a variety of applications is loaded into GIS or a database and is the backbone to this system and what makes it function.

As a final note this month, the Deighton User Conference (DUC) runs from August 17-20th, where Deighton will showcase asset management tools. Many of our Asset Stewards have been invited to participate, and Chad Allen, our Director of the Asset Management Bureau will be delivering the keynote speech on asset management and VAMIS!!



ROCKSLOPE FACT

Our new LiDAR AMP Geotech data has been highlighted as an emerging need by FHWA and this data is increasing our understanding of not only how rock slopes fail, but it will also giving us valuable insight into the impacts of weathering and erosion. This insight will allow us to develop more accurate deterioration curves within VAMIS to better predict how much money we need to invest to preserve our rock slopes in fair and good condition while ensuring the safety of our customers.

VAMIS Sprint Demo August 4th at 1:30 pm please email Karen.Deasy@vermont.gov for an invitation.

ASSETS BY SPRINT

CURRENT ASSETS IN TRANSITION

- Retaining Walls
- Guardrail
- Rumble Strips & Pavement Markings
- Rock Slopes

NEXT UP

- Signs
- DDIR's, Corridor Needs &
- District Maintenance
- Park & Ride
- Rail
- BGS Buildings

6 MONTHS OUT

- AOT Buildings
- ITS Equipment
- Aviation

12 MONTHS + VAMIS PHASE II

- Stockpiles & Inventory
- CG Fleet Management
- Rail #2
- Aviation #2
- Transit
- Shoulder Width
- Unstable Slopes

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Chad Allen

*Director
Asset Management Bureau*

Graduated from –VTC, and UVM with a BS and MS in Civil Engineering
Favorite Movie – Top Gun
Favorite book - “*The Outsider*”, “*The Passage*” and “*The Boy on the Wooden Box*”
I have worked for VTrans for 30 years.
Chad.Allen@vermont.gov

I am so excited and energized by the collective efforts of our VAMIS team and our asset and data stewards! They have done a tremendous amount of work in a short period of time. I am certain that our efforts will have a lasting, positive impact on VTrans for many years to come! VAMIS is much more than just an asset management information system it is a technological opportunity for VTrans and will be a key resource that will help us make better and more strategic decisions. VAMIS holds the data and information to build our annual capital program and to inform our maintenance activities. And even though some of us are 7 years in, we realize that we are still only at the very beginning. Oh, I almost forgot to mention my project role. I am the project sponsor for VAMIS, I support our VAMIS team at a high level and work to identify and remove any risks or obstacles that impede implementation.

I would rather talk about anything else than myself and I know it is hard for many of us to do so, but in the spirit of VAMIS, I also understand the value in sharing data and information. So here it goes; I started working for VTrans about a month after graduating from VTC in 1990. It was not easy to find a job but soon after Burger King turned me down (true story), I received a call from Chris Benda. He invited me in for an interview, “grilled” me on my qualifications (I had none) and soon thereafter I was hired to test concrete materials. I’ve worked a majority of my career as a geotechnical engineer, but I have also worked in the field performing maintenance and construction activities. I currently live in Barre, VT with my wife and 3 sons, our oldest is a senior in high school and planning on going to Wall Street. My middle child is planning for a career as a fashion designer. My youngest son is 11 and well, he’s going to play in the NHL; so you know where you can find me when I am not at work - Yep, the hockey rink!! I do like to read - primarily fiction. Right now, my wife and I spend our “book time” reading our kids’ books; OK, censoring our kids’ books, so if you need a good book recommendation, or just have questions or concerns related to VAMIS, just let me know and I would be happy to help; just so long as you’re not looking to hook-on with a fast food franchise- I’m afraid I can’t help you there!



Alysha Kane

*Stormwater Technician
Water Quality Unit*

Graduated from - Kutztown University of Pennsylvania with a BA in Planning Geography and Public Administration minor.
Favorite Movie - Big Fish
Favorite book - *Many are on my list, the top two I read recently and loved are “The Tattooist of Auschwitz” by Heather Morris and “Every Breath” by Nicholas Sparks* I’ve worked for VTrans for 6 years in September
Alysha.Kane@vermont.gov

I am the caretaker of maintenance stormwater data which makes me the liaison between the data, unit, and VAMIS. My role is to help integrate our data and understand what type of consumables are available to satisfy compliance with State and Federal stormwater regulation. Data management is a continuous cycle and this process has emphasis the need for clear terminology and documentation of data, for anyone seeking information on stormwater infrastructure.

I am originally from New England, grew up in Southeastern Pennsylvania, after graduating I took a position at a waste water treatment plant working with a senior plant manager to map all the sampling locations for Federal compliance that only had been recorded in his mind. I loved working at the plant, but I always craved to live closer to my family, when the call from VTrans came I jumped on it. One of the best decisions I ever made not only am I within three hours of my family again, but I gained an additional hundreds of family members at VTrans. When I’m not lost in GIS land, knee deep in stormwater, or cruising down the highway pushing snow you can find me cooking or baking for friends and family, by any body of water, elbows deep in dirt gardening, hiking and camping, or my year round sports of reading and playing cards. Always looking for a new book or recipe, any suggestions?