

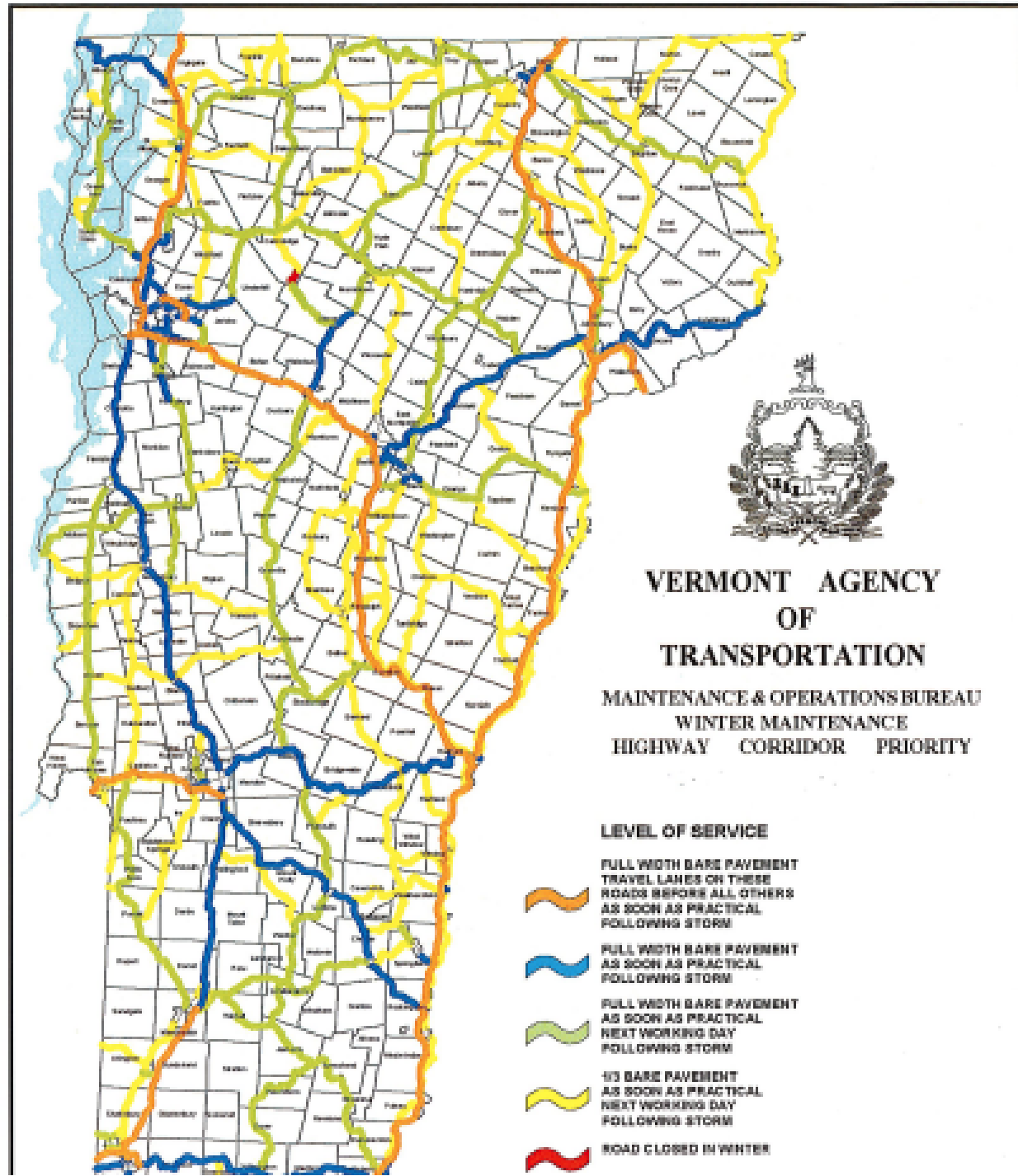


FY26 Budget & Overview Presentation

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Snow And Ice Control Plan

The purpose of this plan is to define levels of service, operational procedures, performance and efficiency measures and best management practices for performing winter maintenance activities on Vermont's Highways. It supports VTrans' mission and goals to provide for the safe and efficient movement of people and goods; and to preserve, maintain, and operate the transportation system in a cost effective and environmentally responsible manner. Ongoing efforts to consider innovation, efficiency and continuous improvement will result in periodic updates to reflect state-of-the art thinking in snow and ice control.



Back to Basics

Snow and Ice
Control

Guardrail

Mowing

Litter Picking

Patching

Bridges

Culvert
Maintenance

Trees and
Brush

Ditching

Sweeping

Vegetation
Control

Signs

Stencils

Graffiti

Fallen Ledge
Removal

BMP's- Best Management Practices for Maintenance

- State Highway System Mowing
- Guardrail
- Bridge Washing
- Sweeping
- State Highway System Ditching
- Roadside Terrestrial Invasive Plants
- Rail Trails



State Highway System Mowing

The BMP has several guiding principles:

- Create consistent mowing requirements throughout the state; ∝ Form the basis for contractor specifications
- Limit activities only to those areas where mowing is necessary for the safety of the traveling public and long-term infrastructure protection
- Schedule mowing during the growing season to maximize benefit and minimize cost
- Create mechanisms and standards for addressing environmentally sensitive areas, riparian areas, steep slopes, wetlands, rare & endangered species and their habitats, unique natural areas, and wildlife habitats
- Create provisions for areas of special landscape treatment
- Foster long term sustainable landscape vegetation management, minimizing excessive mowing and herbicide use
- Increase and improve Pollinator habitat on VTrans-managed rights-of-way
- Preserve the scenic qualities of the corridor to the extent practicable, while maintaining environmental stewardship and conserving resources

Guardrail

PURPOSE STATEMENT

- The Vermont Agency of Transportation (VTrans) State Highway System Guardrail Best Management Practices (BMPs) are intended to guide operations and maintenance activities to maintain the condition of guardrail on the state highway system in a safe manner for the travelling public. Included within these BMPs are the following types of guardrail
 - “W- Beam” Guardrail
 - Cable Guardrail
 - Box Beam Guardrail
 - Bridge Rail
 - Guardrail End Terminals

Bridge Washing

Purpose Statement

- Washing bridges is a preventative maintenance task performed on a recurring basis to protect bridge decks, components and superstructure against corrosive effects of chlorides, de-icing chemicals and the accumulation of sand on bridge surfaces throughout the winter.

The VTrans State Highway System Bridge Washing BMP guides maintenance activities to:

- Define appropriate level of service and performance expectations
- Maintain safe bridges for the traveling public and bridge maintenance employees
- Prevent infrastructure deterioration, extend useful life and provide for a better functioning structure
- Comply with VTrans Policy and Federal or State rules and regulations
- Reduce Cost (water consumption, energy, equipment and personnel costs)
- Protect water quality and aquatic wildlife habitats;
- Create mechanisms and standards for addressing environmentally sensitive areas
- Preserve the scenic qualities of the highway corridor.

Roadway Sweeping

Purpose Statement:

Roadway Sweeping is a preventative maintenance task performed on a recurring basis in order to remove sediment and sand that accumulates on the roadway and road shoulder. Sweeping is a critical component of highway maintenance activities that provides a walking/ riding surface for pedestrians and bicyclists, removes sediment from the road edge that reduces storm water runoff from the roadway and leads to premature degradation and removes contaminants found in the sediment from storm water runoff.

The VTrans State Highway System Roadway Sweeping BMP guides maintenance activities in order to:

- Define appropriate level of service and performance expectations
- Maintain safe surfaces for the traveling public
- Prevent infrastructure deterioration, extend useful life and provide for a better functioning roadway
- Comply with VTrans Policy and Federal or State rules and regulations
- Reduce Cost (water consumption, energy, equipment and personnel costs)
 - Protect water quality and aquatic wildlife habitats;
- Create mechanisms and standards for addressing environmentally sensitive areas
- Preserve the scenic qualities of the highway corridor.

State Highway System Ditching

- Maintain safety of the traveling public and long-term infrastructure protection.
- Prevent infrastructure deterioration by allowing effective drainage of stormwater.
- Reduce cost (energy, equipment, and personnel costs).
- Create consistent ditching requirements throughout the state.
- Form the basis for contractor specifications.
- Comply with all federal and state environmental regulations.
- Protect water quality, wildlife habitats and natural ecology of the highway corridor.
- Create mechanisms and standards for addressing environmentally sensitive areas, steep slopes, unique natural areas, and wildlife habitats.

Roadside Terrestrial Invasive Plants

The VTrans State Highway System Roadside Invasive Plants BMP guides maintenance activities to:

- Maintain safe roads and bridges for the traveling public
- Prevent infrastructure deterioration
- Comply with Federal or State rules and regulations
- Reduce Cost (energy, equipment and personnel costs)
- Reduce VTrans energy consumption
- Reduce VTrans green house gas and unhealthy emissions from mowing equipment
- Protect water quality, wildlife habitats and the roadway's surrounding natural ecology
- Protect worker's health
- Preserve the scenic qualities of the highway corridor.

Rail Trails

- Purpose Statement-The Rail Trail BMP guides activities only on VTrans owned, operated and maintained rail trails to:
 - Maintain rail trails and rail trail bridges in reasonably good operating condition for their expected use
 - Prevent infrastructure deterioration
 - Conserve cost(energy, equipment and personnel costs) by performing timely maintenance
 - Protect the trails surrounding natural ecology
 - Preserve the scenic qualities of the trail corridor
 - Maintain compliance with all applicable Federal and State Regulatory Programs



FY 26 Budget: \$110,349,507.00

Material Asset Tracking System (MATS) Codes:

- 0001 - Training by AOT Staff
- 0002 - Training by Non AOT Staff
- 0003 - Meetings - In State
- 0004 - Conferences - In State
- 0005 – Legislation
- 0008 - Meetings - Out of State
- 0009 - Conference - Out of State
- 0014 - Leave Time
- 0017 - General Administrative
- 0021 - Working with Towns
- 0034 - Working With Towns – Disaster
- 0037 - Public Records Requests
- 0041 - Paid Admin Leave
- 0042 - Paid Leave Emergency Closing
- 0044 - FMLA Leave
- 0046 - Unpaid Admin Leave
- 0048 – Workers Comp Leave
- 0090 – Technical Assistance
- 0900 – Commute Bulletin 203 IRS 15-b
- 0975 – Processing Inventory
- 1065 – Bridge Inspection
- 1105 – AOT Concept Plan/Design Review
- 1120 – Construction Engineering
- 1175 – Drilling
- 1220 – Field Check Roads/ Construction Changes/Etc.
- 1240 – AOT Final Plan/Design Review/Submit

- 1245 – Consultant Final Plans Review
- 1605 – Permit – Commercial
- 1606 – Permit – Residential
- 1607 – Permit – Special Road Use
- 1608 – Permit – Pre-Permit Coordination
- 1680 – Preliminary Engineering
- 1690 – AOT Prelim Plan/Design Review/Submit
- 1705 – AOT Project Engineering
- 1840 – Safety Management Activities
- 2020 – Traffic – Responding to Emergencies
- 2055 – Traffic – General
- 2100 – Water Quality Municipal Technical Assistance
- 2212 – General Asset Management
- 2213 – Culvert Asset Management
- 4100 – Stipends
- J4110 – Patrolling and Inspecting
- 4120 – Patching
- 4170 – Repairing Base
- 4180 – Maintaining Gravel Surfaces
- 4210 – Leveling/ Paving
- 4215 – MOB Leveling Tech Support
- 4410 – Installing Guardrail
- 4420 – Repairing Guardrail
- 4430 – Collision Repair State Asset
- 4480 – Eliminating Guardrail

- 4510 – Cutting Trees
- 4520 – Cutting Brush
- 4530 – Mowing
- 4540 – Controlling Vegetation with Chemicals
- 4550 – Landscaping
- 4560 – Picking Litter
- 4570 – Protecting Banks and Slopes
- 4580 – Fencing
- 4610 – Maintaining Culverts
- 4620 – Installing Culverts
- 4630 – Ditching
- 4640 – Stormwater/Drainage Work
- 4650 – Controlling & Maintaining Wildlife Structures
- 4810 – Snow and Ice Control
- 4815 – Manufacturing/Stockpiling Liquid De-Icers
- 4820 – Maintaining Winter Equipment
- 4830 – Stockpiling Winter Material
- 4835 – Salt Equipment Calibration
- 480 – Supporting Winter Maintenance Operations
- 4860 – Salt Administrative Work
- 4860 – Salt Sampling
- 4870- Sweeping
- 4880 – Washing Bridges
- 4930 – Painting Barrier Lines
- 4940 – Painting Edge Lines
- 4950 – Stenciling and Painting Special Markings
- 5010- Fabricating Signs

- 5015 – Sign Work Orders
- 5020 – Installing New Signs
- 5025 – Replacing Signs
- 5030 – Maintaining Signs
- 5035 – PreMarking Work Zones
- 5040 – Installing Traffic Control Devices
- 5050 – Maintaining Traffic Control Devices
- 5055 – Maintaining Flashing Beacons
- 5060 – Maintaining Delineators and MM Plaques
- 5070 – Repairing and Replacing Roadway Lights
- 5080 – Eliminated Illegal Signs
- 5101 – Bridge Sweeping
- 5108 – Eliminating Graffiti
- 5109 – Crack Sealing Bridge Decks
- 5110 – Applying Preservative Materials
- 5111 – Brush Cutting around Bridges
- 5120 – Rehab/Replace Mech Br Joint
- 5122 – Install New Plug Joints
- 5123 – Repairing Plug Joints
- 5124 – Installing Steel Plates
- 5124 – Repair Bridge Rail
- 5140 – Repairing Bridge Abutments
- 5141 – Repairing Piers/ Columns
- 5142 – Repair Bearing Seats
- 5143 – Repairing Wing Walls

- 5144 – Repairing Scour
- 5145 – Installing Catches
- 5146 – Repair/Install Troughs/Drains
- 5164- Repairing Potholes
- 5165 – Repair Bridge Deck
- 5166 – Repair Curb & Sidewalks
- 5167 – Repairing Fascia
- 5168 – Greasing Bearings/ Beam Ends
- 5170- Small Structures Culvert Liners
- 5172 – Small Structures Replacement
- 5200 – Personnel Recruitment and Hiring
- 5611 – Encampments
- 5720 – Controlling Stock & Inventory
- 5760 – Manufacturing and Stockpiling Materials
- 5762 – Material Courier
- 5810 – Emergency Management
- 5815 – Debris Removal Emergency Response
- 5817 – Emergency Response – Admin Support
- 5820 – Responding to Emergencies
- 5825 – Emergency Recovery
- 5830 – Working with Others
- 5840 – Operating Drawbridge
- 5850 – Maintaining Navigational Aid
- 5860 – Maintaining Building and

- Grounds
- 5865 – Facility Repairs, Upgrades & Maintenance
- 5870 – Maintaining Equipment
- 5875 – Transporting Equipment
- 5900 – Stormwater Permit Compliance Admin
- 5930 – Hazardous Materials & Waste Mgmt. Admin
- 5950 – Vegetation Management Admin
- Headquarters Expenditure Accounts:
- 000 – General Operating
- 050- Reserve- Emergencies
- 051 – Media
- 060 – Major Maintenance – Buildings
- 063 – Computers – Software & Hardware
- 066 – Environmental Program
- 067 – Hazardous Materials
- 069 - Vegetation Management
- 073 – Bridge Maintenance
- SRTP – 001 Rail Trail
- 079 - Carry Forward
- 085 – Drawbridge
- 082 – District Leveling
- 090 - Signs
- 093 – Modernization Program