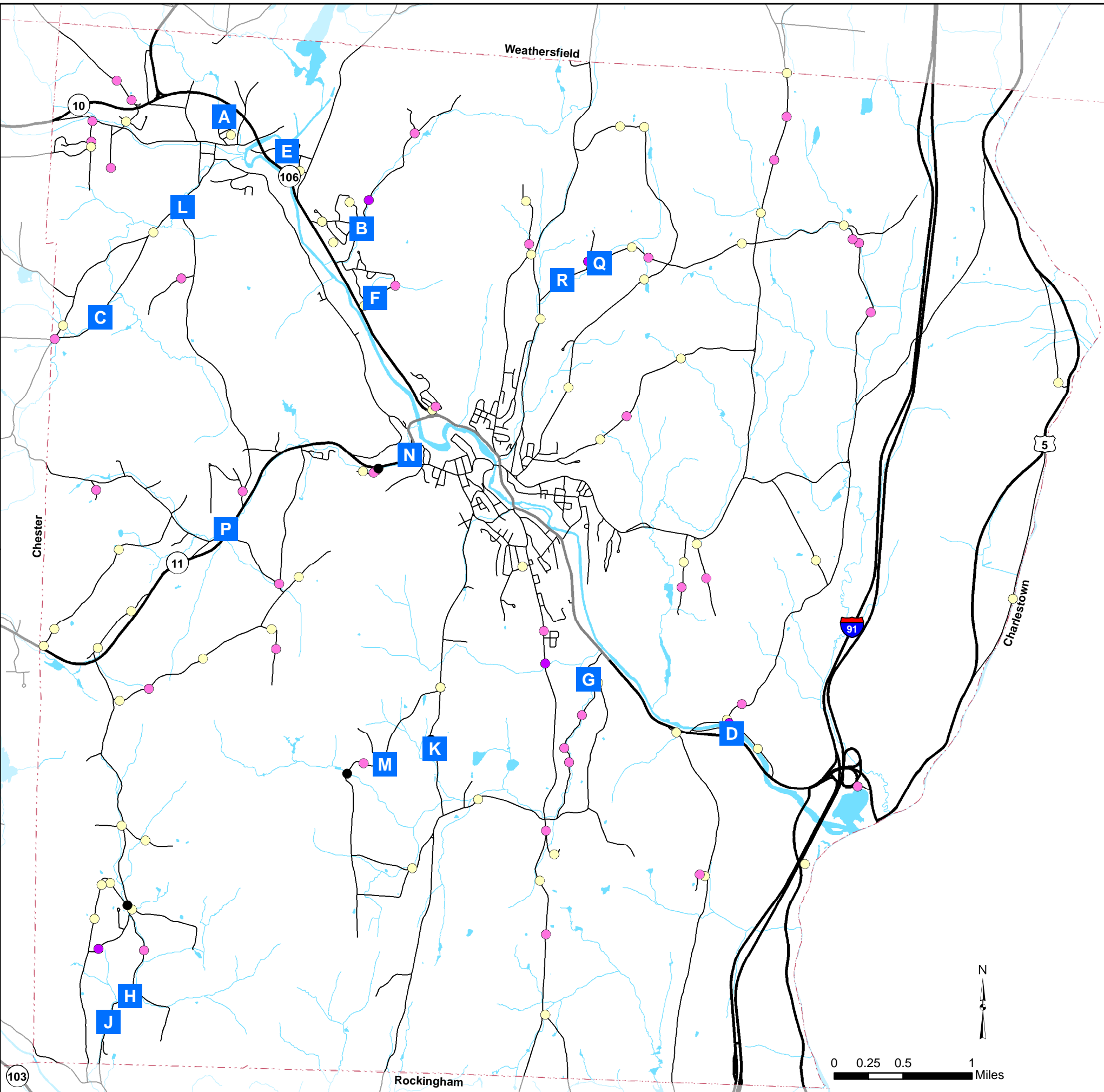


Road Erosion Inventory 2016 Town of Springfield, Vermont Last Amended December 2016

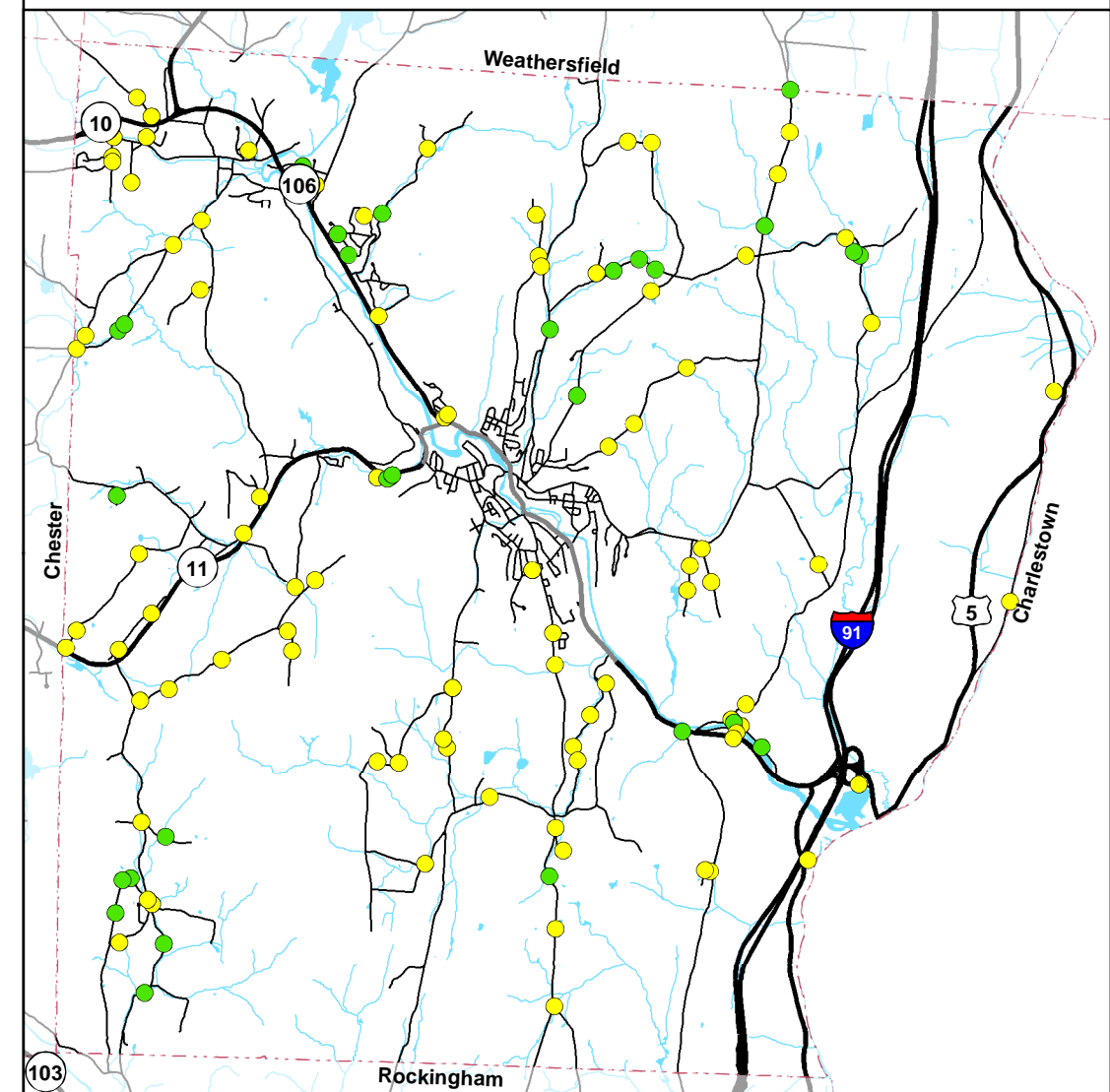


- Major road erosion site included in 2016 Road Erosion Report
 - 2016 Road Erosion Inventory Priority (Large map only)**
 - High
 - Medium
 - Low
 - None
 - 2012 Road Erosion Inventory Priority (Small map only)**
 - Severe or High
 - Low or Culvert Placement Issue
- Interstate, US or VT Highway
 - Class 1 Town Highway
 - Class 2 & 3 Town Highway
 - Rivers and Streams
 - Lakes and Ponds
 - Town Boundary



Data Sources:
Road Erosion Inventory (SWCRPC and Town 2016 and 2012), Road centerline (VTrans 2014), Town Boundary (SWCRPC 2013 using Parcels 2013)

VT State Plane, Meters, NAD 83
For planning purposes only
Not for regulatory interpretation
Map Drawn December 7, 2016



Quick Guide to Funding Sources for Transportation Projects

Southern Windsor County, Vermont

Last Updated May 2016



Program	Website/ More info	Agency	Contact	Type	Local Match	Use and Eligibility	Notes
HIGHWAY, BRIDGES OR CULVERTS (including water quality related fixes nearby)							
Town Highway Grants	Orange Book	VTrans	VTrans District	Annual allocation (mileage based)	None	TH & bridge maintenance for Class 1, 2 & 3 TH	
TH Class 2 Roadway Program	Orange Book	VTrans	VTrans District	Grant from DTA	30% or less	Resurfacing and reconstruction for Class 2 TH	Up to \$150k per project
TH Bridge Program	Orange Book	VTrans	Mike Hedges, Katharine Otto	Managed by VTrans	10% or less	Major rehabilitation or reconstruction of any structure over 6ft on Class 1, 2 & 3 TH	Pre-Candidate regional ranking in Jan/Feb each year. Project choice is initiated by VTrans
TH Structures Program	Orange Book	VTrans	VTrans District	Grant from DTA	20% or less	Bridge maintenace, preservation or repair of any structure over 6ft on Class 1, 2 & 3 TH	Up to \$175k per project
Transportation Alternatives Grant Program (TAP)	http://vtransengineering.vermont.gov/bureaus/mab/local-projects/transportation-alternatives	VTrans	Scott Robertson	Competitive grant	Depends	Bicycle and Pedestrian facilities, Safe Routes to School infrastructure, and some other projects. New emphasis in 2015 for stormwater related projects - eg structures, slopes	Formerly "Transportation Enhancements". Up to \$300k per project. All projects evaluated against federal criteria. Applications due Sept/ Oct
Adaptive Use Bridge Program	http://historicbridges.vermont.gov/program-documents	VTrans	Sue Scribner	Unknown	20%	Rehabilitation of historic metal trus bridge for adaptive re-use (Bike-ped)	
Better Roads Program (Category B)	http://vtransengineering.vermont.gov/bureaus/mab/better-back-roads	VTrans	Alan May	Competitive Grant	20%	Correction of a road related erosion problem and/or stormwater mitigation/ retrofit	Up to \$25k per project. Water quality and erosion focus. Applications due Spring.
Better Roads Program (Category C)	http://vtransengineering.vermont.gov/bureaus/mab/better-back-roads	VTrans	Alan May	Competitive Grant	20%	Correction of a stream bank or sloped related problem	Up to \$50k per project. Water quality and erosion focus. Applications due Spring.
Better Roads Program (Category D)	http://vtransengineering.vermont.gov/bureaus/mab/better-back-roads	VTrans	Alan May	Competitive Grant	20%	Structure/ culvert upgrades	Up to \$50k per project. Water quality and erosion focus. Applications due Spring.
Ecosystem Restoration Program (formerly "Clean and Clear")	http://www.watershedmanagemnt.vt.gov/grants.htm	ANR	David Pasco	Competitive Grant	Depends	Includes a project category for "Road-related runoff or erosion mitigation"	2 rounds of applications per year - Spring and Fall. Project needs a connection to River/ Basin Plan.
Hazard Mitigation Grant Program (HMGP)	http://vem.vermont.gov/mitigation	FEMA	Ray Doherty	Competitive Grant	25%	Any project that prevents future loss due to natural disaster	Deadlines happen at a variety of times depending on the "round" of funding.
Flood Mitigation Assistance program (FMA)	www.fema.gov/flood-mitigation-assistance-program	FEMA	Ray Doherty	Competitive Grant	Depends	Reduce or eliminate risk of flood damaged to buildings under National Flood Insurance Program (NFIP)	
Pre Disaster Mitigation Program	www.fema.gov/pre-disaster-mitigation-grant-program	FEMA	Ray Doherty	Competitive Grant	Depends	Reduce risk to people and structures	

Program	Website/ More info	Agency	Contact	Type	Local Match	Use and Eligibility	Notes
Emergency Watershed Protection Program	http://www.nrcs.usda.gov/wps/portal/nrcs/main/vt/programs/planning/ewpp/	NRCS	Jennifer Varin	Unknown	25% or more	Undertake emergency measures to safeguard lives and property from flood and erosion after a watershed is suddenly changed by natural disaster	
Community Development Block Grant	http://accd.vermont.gov/strong_communities/opportunities/funding/cdbgdr	ACCD	Cindy Blondin	Unknown	Unknown	Funds have been used for a variety of purposes - including large culvert/ box culvert upgrade	
Town Highway Disaster Assistance	Orange Book	VTrans/ FEMA/ FHWA	VTrans District	Grant dependent on level of damage	Depends	If replacing a bridge or culvert after a disaster event. Contact your VTrans District to see whether you are eligible for FEMA, FHWA or District Disaster funds	
PARK AND RIDE LOTS							
Municipal Park and Ride Program	http://vtransengineering.vermont.gov/bureaus/mab/local-projects/parkandride	VTrans	Wayne Davis	Competitive grant	None	Small municipally owned and maintained P&R facilities near state highway	Applications due July/ August
BICYCLE AND PEDESTRIAN FACILITIES							
Transportation Alternatives Grant Program (TAP)	http://vtransengineering.vermont.gov/bureaus/mab/local-projects/transportation-alternatives	VTrans	Scott Robertson	Competitive grant	Depends	Bicycle and Pedestrian facilities, Safe Routes to School infrastructure, and some other projects. New emphasis in 2015 for stormwater related projects eg structures, slopes	Formerly "Transportation Enhancements". Up to \$300k per project. All projects evaluated against federal criteria. Applications due Sept/ Oct
Vermont Bicycle and Pedestrian Program	http://vtransengineering.vermont.gov/bureaus/mab/local-projects/bike-ped	VTrans	Jon Kaplan	Competitive grant	Depends	Bicycle and Pedestrian facilities, scoping, design and construction	Applications due June/ July
Recreation Trails Grant Program	http://fpr.vermont.gov/recreation/grants/rtp	DFPR	Sherry Winnie	Competitive grant	20% min.	Maintenance, restoration and construction of recreational trails	Applications due Jan/ Feb
EQUIPMENT							
Ecosystem Restoration Program (formerly "Clean and Clear")	http://www.watershedmanagement.vt.gov/grants.htm	ANR	David Pasco	Competitive Grant	20%	Assistance to buy shared municipal equipment (eg hydroseeders, compactors, etc).	2 rounds of applications per year - Spring and Fall. Project needs a connection to River/ Basin Plan.
OTHER PURPOSES							
State Infrastructure Bank	http://www.veda.org/financing-options/other-financing-option/state-infrastructure-bank-program/	VTrans & VEDA	Karen Songhurst	Loan	N/A	Any transportation project that is eligible for federal funds	Can apply for funds at any time
Better Roads Program (Category A)	http://vtransengineering.vermont.gov/bureaus/mab/better-back-roads	VTrans	Alan May	Competitive Grant	20%	Transportation inventories and capital budgets	GRANT CHANGE DEC 2015. Up to \$10k per project. Water quality and erosion focus. Applications due Spring.
Downtown Transportation Fund Grant	http://accd.vermont.gov/strong_communities/opportunities/funding/downtown_transportation_fund	DHCD	Gary Holloway	Competitive Grant	50%	Transportation improvements in Designated Downtown	Up to \$100k per town per year. Applications due March

Program	Website/ More info	Agency	Contact	Type	Local Match	Use and Eligibility	Notes
Strong Communities, Better Connections (SCBC) Program	http://vtransplanning.vermont.gov/programs/scbc	VTrans/DHCD	Jackie Cassino, Rich Amore	Competitive Grant	Unknown	Focus on transportation, land use and Livability	Pilot launched in 2014
Transportation Planning Initiative	http://swcrpc.org/transportation/	SWCRPC	Katharine Otto	Discretionary	Depends	Inventories, capital budgets, counts, any transportation planning project	Depends on needs and available funds/ staff
Vermont Local Roads (VLR) (LTAP)	http://vermontlocalroads.org/	VTrans	Kevin Gadapee	Local Technical Assistance	None	Information, training and technical assistance	
Community Development Block Grant	http://accd.vermont.gov/strong_communities/opportunities/funding/cdbgdr	ACCD	Cindy Blondin				
Municipal Planning Grant (MPG)	http://accd.vermont.gov/strong_communities/opportunities/funding/overview/municipal_planning_grants	ACCD	Annina Seiler	Competitive Grant		Can be used for capital budget planning and downtown master plans - both of which have transportation components	Applications due end of September each year

VTrans Orange Book - A Handbook for Local Officials <http://vtransoperations.vermont.gov/>

Abbreviations

ANR	Vermont Agency of Natural Resources
DEMHS	Dept of Emergency Management and Homeland Security
DFPR	VT Dept of Forests, Parks and Recreation
DHCD	VT Dept of Housing and Community Development
DTA	VTrans District Transportation Administrator
EPA	Environmental Protection Agency
FEMA	Federal Emergency Management Agency
FHWA	Federal Highway Administration
HMGP	Hazard Mitigation Grant Program
Hwy	Highway
LTAP	Local Technical Assistance Program
MAB	VTrans Municipal Assistance Bureau
NRCS	US Dept of Agriculture Natural Resources Conservation Service
SCBC	Strong Communities, Better Connections Program
SWCRPC	Southern Windsor County Regional Planning Commission
TAP	Transportation Alternatives Program
TH	Town Highway
VEDA	VT Economic Development Authority
VLR	Vermont Local Roads
VTrans	Vermont Agency of Transportation

Contact Info

Name	Email
Wayne Davis (VTrans MAB)	wayne.davis@vermont.gov
Ray Doherty (DEMHS)	ray.doherty@vermont.gov
Alan May (VTrans MAB)	alan.may@vermont.gov
Mike Hedges (VTrans Structures)	mike.hedges@vermont.gov
Sue Scribner (VTrans MAB)	sue.scribner@vermont.gov
Katharine Otto (SWCRPC)	kotto@swcrpc.org
Jon Kaplan (VTrans)	jon.kaplan@vermont.gov
Kevin Gadapee (VTrans VLR)	kevin.gadapee@vermont.gov
Sherrie Winnie (DFPR)	sherry.winnie@vermont.gov
Scott Robertson (VTrans MAB)	scott.robertson@vermont.gov
Marc Pickering (VTrans District 2)	marc.pickering@vermont.gov
Chris Bump (VTrans District 4)	chris.bump@vermont.gov
Brian Sanderson (VTrans District 3)	brian.sanderson@vermont.gov
Karen Songhurst	karen.songhurst@vermont.gov
Gary Holloway	gary.holloway@vermont.gov
Jennifer Varin (NRCS Windsor County)	802-775-8969 x 14
David Pasco (ANR)	david.pasco@vermont.gov
Cindy Blondin (ACCD)	cindy.blondin@vermont.gov
Annina Seiler	annina.seiler@vermont.gov

VTrans Districts

District 2	Andover, Baltimore, Cavendish, Chester, Springfield, Weathersfield
District 3	Ludlow
District 4	Reading, West Windsor, Windsor