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

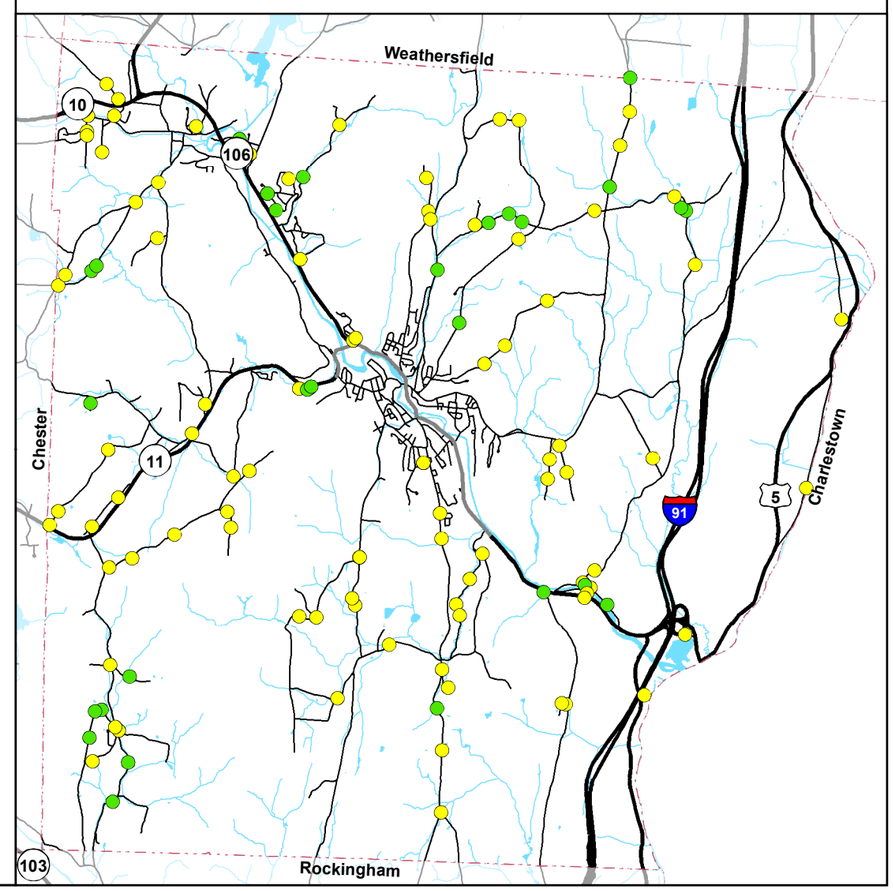
- Interstate, US or VT Highway
- Class 1 Town Highway
- Class 2 & 3 Town Highway
- Rivers and Streams
- Lakes and Ponds
- Town Boundary

SWCRPC
SOUTHERN WINDSOR COUNTY REGIONAL PLANNING COMMISSION
P.O. Box 320, Ascutney, VT 05030
802-674-9201 www.swcrpc.org

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

Weathersfield
Chester
Rockingham
Charlestown
A B C D E F G H J K L M N P Q R
10 11 103 106 5 91
N
0 0.25 0.5 1 Miles



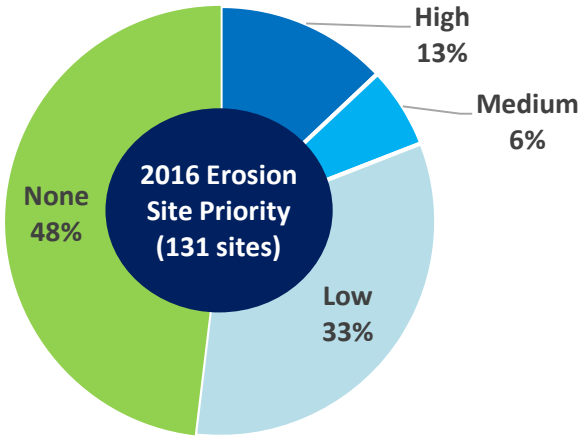
Summary of Road Erosion Inventory - Town of Springfield - 2016

Inventory last amended 12/05/2016

		Erosion Issue		Water Quality issue		Drainage issue	
		Sites	%	Sites	%	Sites	%
2012	Yes	81	68%	65	55%	Not Assessed	
	No	38	32%	52	44%	Not Assessed	
	Total	119		117			
2016	Severe	7	5%	2	2%	3	2%
	Major	22	17%	21	16%	25	19%
	Minor	20	15%	20	15%	37	28%
	None	62	47%	68	52%	46	35%
	Unknown	20	15%	20	15%	20	15%
	Total	131		131		131	

The Town addressed issues at 34% of the 2012 erosion sites by 2016.

A site with a 2016 priority of "None" may have very minor erosion issues or may have had their 2012 issues addressed so just need the site monitored in future to ensure an issue does not re-emerge.



Note: Priority listed for the 131 sites identified does not correspond with the priority listed in the 16 Road Erosion Report sites. The 16 Road Erosion Report sites were primarily "High" ranked amongst the 130 sites, and prioritized again for the purposes of budgeting following additional fieldwork with representatives from VTrans, ANR, the Town and SWCRPC.

Bridge and Culvert Inventory 2016
Town of Springfield, Vermont
Last amended December 2016

Bridge (Large map only)

Overall culvert condition (Large map only)
- Excellent or Good
- Fair
- Closed, Critical, Urgent or Poor
- Unknown

Culvert erosion issue priority (Small map only)
- High
- Medium
- Low
- None or Unknown

Interstate, US or VT Highway
Class 1 Town Highway
Class 2 & 3 Town Highway
Rivers and Streams
Lakes and Ponds
Town Boundary

SWCRPC
SOUTHERN WINDSOR COUNTY
REGIONAL PLANNING COMMISSION
P.O. Box 320, Ascutney, VT 05030
802-674-9201 www.swcrpc.org

Data Sources:
Bridge and Culvert Inventory (completed by SWCRPC and Town 2016). Available online at www.vtculverts.org), Waterbodies (VT Hydrographic Dataset 2008), Road centerline (VTrans 2014), Town Boundary (SWCRPC 2013 using Parcels 2013)

VT State Plane, Meters, NAD 83
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Map Drawn December 7, 2016

Weathersfield
Chester
Charlestown
Rockingham
10
106
11
91
5
103
N
0 0.25 0.5 1 Miles

Culverts that may need replacement according to 2016 Culvert Inventory

List includes culverts with an overall condition of Poor, Critical, Urgent or Closed; and culverts with a medium or high priority erosion issue

Last amended 12/5/2016. More information available online at www.vtculverts.org

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
8151e1f3-8b30-427e-818f-b8e8f05ba293	County Rd - 1	43.33447	-72.53599	Drop Inlet	Steel	Closed	18	18	0	None	No	Unk	Unk	Unk
77edc282-3e9a-4f57-8ec3-02464a795bfa	Brockway Mills Rd - 7	43.26345	-72.48525	Round	Steel	Urgent	30	30	50	Low	No	No	Yes	No
0f20bdfc-eca8-4258-8ce9-65ae4573a21b	Brockway Mills Rd - 12	43.25551	-72.49180	Round	Steel	Urgent	18	18	40	Medium	No	No	No	No
bba7d7ac-cf5e-4d7e-9105-3de489431efc	Fairbanks Heights Rd - 2	43.30149	-72.49623	Round	Steel	Urgent	12	12	30	Medium	No	No	No	Yes
08750b43-3e76-4470-a456-fbaf1d2f25ea	County Rd - 5	43.34007	-72.53305	Round	Steel	Urgent	15	15	30	None	No	No	No	No
e466e591-ff29-45cb-b696-68c7d938f0f5	Old Chester Rd - TL61	43.30216	-72.49524	Ellipse/Squashed	Steel	Urgent	108	168	180	None	No	No	No	No
59d083e6-2e86-42a3-91b1-e8a10a838dc1	Pleasant Valley Rd - 21 - T14	43.25080	-72.53471	Arch	Steel	Urgent	48	144	45	None	No	No	No	No
93f5bb83-de6a-4887-9bb5-1a1099ad3e7b	Walker Rd - 1 - T70	43.29829	-72.49956	Arch	Steel	Urgent	96	168	70	Unk	No	No	No	No
7e9fdd44-0acf-4372-b7b6-877147f21d4a	French Meadow Rd - 12	43.30920	-72.52326	Round	Steel	Critical	15	15	35	Low	No	No	No	Yes
5255bbc4-02e1-475c-a787-8a7406c92308	Jordan Rd - 1	43.28160	-72.51584	Round	Plastic	Critical	15	15	28	Low	No	No	Yes	No
d40b71f0-3e2d-4a98-803d-fa513297ba61	Greeley Rd - 17 - T10	43.32302	-72.43692	Ellipse/Squashed	Steel	Critical	78	120	25	None	No	No	No	No
23fbf0f7-844e-420d-9393-d4aa6f1f4278	Lindgren Rd - 1	43.29637	-72.53264	Round	Steel	Critical	48	48	25	None	No	No	No	No
f8fcf611-7b02-436d-9320-264142dbace7	Lindgren Rd - 4	43.29800	-72.53031	Round	Steel	Critical	12	12	30	None	No	No	No	No
6a7238ea-258e-4c30-b6a1-a834e35763b5	Lovell Rd - 2 - T25	43.24313	-72.53417	Round	Steel	Critical	72	72	40	None	No	No	No	No
b720f722-d234-48c5-bdc0-16a04f945a6b	Town Farm Rd - 9	43.32929	-72.46093	Round	Steel	Critical	15	15	35	None	No	No	No	No
225c720d-e61f-43c1-96c7-7fe2f9d665d4	Brook Rd - 8	43.32416	-72.47481	Round	Steel	Critical	18	18	45	Unk	No	Yes	Yes	Yes
e93a7396-e871-43e8-a7ef-2c1fa0953f61	Tarbell Rd - 4	43.31963	-72.54057	Round	Aluminum Corrugated	Poor	15	15	0	High	No	No	Yes	No
088926fd-0e32-4529-aac4-d056ccd8251e	Breezy Hill Rd - 9	43.27834	-72.52480	Round	Steel	Poor	15	15	25	Medium	No	No	Yes	Yes
00d886f9-40df-41d8-aa02-d4e42e5abd5d	Fairground Rd - 7	43.31379	-72.50421	Round	Steel	Poor	18	18	56	Medium	No	No	Yes	No
55483477-9032-4cdd-8736-1c2060dbe59f	Greeley Rd - 10	43.32029	-72.43012	Round	Steel	Poor	12	12	25	Medium	No	No	Yes	No
ed299b67-4752-4bfa-a71e-c16d5f04c028	Green Mountain Turnpike - 2	43.23758	-72.54902	Round	Steel	Poor	15	15	30	Medium	No	No	No	No
be897127-6d33-4d88-97b8-97f45c6b01cd	Parker Hill Rd - 4	43.25773	-72.47611	Round	Steel	Poor	12	12	35	Medium	No	No	No	Yes
3ff3ef92-aae0-41ef-a720-1d125c9d43c4	Pleasant Valley Rd - 33	43.23967	-72.53872	Round	Steel	Poor	15	15	35	Medium	No	No	Yes	No
f5f7d0fc-5077-402b-acf3-371faf7d2e15	Stellafane Rd - 4	43.28964	-72.51782	Round	Steel	Poor	15	15	30	Medium	No	No	Yes	Yes
cadf089a-31fa-464e-a469-79f6d1bcfc04	Town Farm Rd - 13	43.32466	-72.45736	Round	Steel	Poor	15	15	30	Medium	No	No	Yes	No
f08f70dc-ecd9-4f64-98cd-50e771d3382b	Fairbanks Rd - 1	43.32903	-72.54110	Round	Steel	Poor	15	15	23	Low	No	No	No	Yes
0b51786e-73c4-4ab1-9c26-7f0737b8045c	Fairground Rd - 25	43.32962	-72.51855	Round	Steel	Poor	12	12	60	Low	No	No	No	Yes
ca505f10-6555-41ea-a084-18ad09629479	Kirk Meadow Rd - 11	43.29610	-72.53283	Round	Steel	Poor	15	15	35	Low	No	No	Yes	No
eb9faccb-e0c8-42b6-9987-20fac723ec0c	Lovell Rd - 1	43.24301	-72.53495	Round	Steel	Poor	15	15	25	Low	No	No	No	No
a20123b7-79c1-445b-ae85-e36ebaf1fe59	Massey Rd - 23	43.25357	-72.50250	Round	Steel	Poor	12	12	20	Low	No	No	No	Yes
d34ab429-c671-4fa6-891f-8a323a8daa9b	Middle Rd - 4	43.26888	-72.49142	Round	Steel	Poor	15	15	26	Low	No	No	No	No
65f3808d-e4e1-4e32-9768-91ed65425bd8	Monument Hill Rd - 4	43.28957	-72.50686	Round	Steel	Poor	15	15	28	Low	No	No	No	Yes
9cb78bcf-553e-4511-804b-686676f5e8be	Park Farm Rd - 1	43.28850	-72.45550	Round	Steel	Poor	15	15	30	Low	No	No	No	No
0a26de5f-dd05-489f-adda-ff6f16de06fc	Pleasant Valley Rd - 23	43.24854	-72.53334	Round	Steel	Poor	15	15	40	Low	No	No	Yes	Yes

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
10efd070-ef10-400f-8d3e-9b557990bc1e	Pleasant Valley Rd - 24	43.24759	-72.53336	Round	Steel	Poor	12	12	35	Low	No	No	Yes	No
bce3d4eb-6bb0-466c-b64c-4a8a10d880ca	Pleasant Valley Rd - 28 - T30	43.24267	-72.53549	Round	Steel	Poor	60	60	36	Low	No	No	No	No
85324cbb-026c-4641-969d-d1b5986deee3	Poppe Rd - 1	43.26083	-72.53648	Box	Stone	Poor	48	48	30	Low	No	No	No	Yes
b6f115e3-ed31-4d2d-97f3-6ea55a173d0e	Reservoir Rd - 3	43.33101	-72.50923	Round	Steel	Poor	18	18	200	Low	No	No	No	No
7f5eb1e8-89c5-4f25-be8d-93f6bf2da3bd	Reservoir Rd - 4	43.33178	-72.50847	Round	Steel	Poor	18	18	40	Low	No	No	No	No
e6afbbb3-8620-480e-acaf-a83d85edc036	Skitchewaug Trail (VT-143) - 18	43.30523	-72.43034	Round	Concrete Sectional	Poor	18	18	40	Low	No	No	Yes	Yes
623684f8-08cf-4ff3-813b-aba25ade8272	Spencer Hollow Rd - 15	43.28877	-72.43316	Round	Steel	Poor	15	15	35	Low	No	No	Yes	No
95923ff7-f0d8-4016-8cfd-ed4b38307aea	Stellafane Rd - 6	43.28775	-72.51640	Box	Stone	Poor	24	24	30	Low	No	No	Yes	No
888e67e7-7db2-4fac-a86a-03a88859ce87	Trombley Rd - 1	43.32107	-72.47725	Round	Aluminum Corrugated	Poor	30	30	35	Low	No	No	No	No
0cac1053-ddc9-41b4-847b-e13b2569e050	Whitney Rd - 9	43.24098	-72.54172	Round	Steel	Poor	15	15	28	Low	No	No	Yes	Yes
77d0440b-a501-4abe-8160-5fb44b08a1e2	Whitney Rd - 14	43.23683	-72.54139	Round	Steel	Poor	15	15	25	Low	No	No	No	Yes
0f338e7e-e206-4f01-86ff-ea63534bf7e0	Baker St - 3	43.31641	-72.53163	Round	Steel	Poor	15	15	28	None	No	No	No	Yes
0aca62cd-34dd-47dd-a1bd-e668e9d15a9a	Barlow Rd - 2	43.32180	-72.44824	Round	Steel	Poor	15	15	40	None	No	No	Yes	No
c9ccce00-4c18-4258-ae48-3cdde7029969	Breezy Hill Rd - 3	43.27515	-72.53253	Round	Steel	Poor	6	6	30	None	No	No	Yes	Yes
b27432f9-8f4a-4cfe-828b-a86ed345aed3	Breezy Hill Rd - 6	43.27679	-72.52798	Round	Steel	Poor	15	15	30	None	No	No	No	No
49553e9d-5671-4b6c-9795-e7271598b590	Breezy Hill Rd - 10	43.27956	-72.52257	Ellipse/Squashed	Steel	Poor	15	15	30	None	No	No	Yes	No
c4230fa0-d3aa-468f-b759-07e7f4d6024b	Breezy Hill Rd - 11	43.27997	-72.52184	Round	Plastic	Poor	12	12	30	None	No	No	Yes	Yes
50bc2fee-d286-40d9-a4a1-6b8a85f1a895	Breezy Hill Rd - 17	43.28868	-72.51346	Round	Steel	Poor	15	15	235	None	No	No	No	Yes
8cf4627f-ad5f-4ebc-a363-e857135b3bef	Breezy Hill Rd - 21	43.29357	-72.51301	Round	Steel	Poor	18	18	80	None	No	No	No	Yes
1386d558-67be-4618-9b8f-62231bc853aa	Brockway Mills Rd - 2	43.26184	-72.47652	Round	Steel	Poor	15	15	30	None	No	No	No	Yes
03e3d344-9bf8-4912-bdac-0e0ffc757443	Brockway Mills Rd - 9	43.26043	-72.49136	Round	Steel	Poor	12	12	60	None	No	No	No	Yes
69943456-7e6a-43e7-8567-0c2e2d017fb6	Brockway Mills Rd - 10	43.25940	-72.49147	Round	Steel	Poor	15	15	30	None	No	No	No	No
999bdc87-102b-4a2a-9f65-09a6815af162	Brockway Mills Rd - 11	43.25764	-72.49160	Round	Steel	Poor	12	12	30	None	No	No	Yes	No
30178d60-59ce-4cc2-8acd-02051eab3af4	Brockway Mills Rd - 17	43.24516	-72.49463	Round	Steel	Poor	12	12	35	None	No	No	No	Yes
d4631418-fcf3-45fc-a2fc-6c51e2ef3693	Brook Rd - 2	43.31559	-72.47623	Round	Steel	Poor	18	18	0	None	No	Unk	Unk	No
06d9d216-989f-4ce2-8ef6-5c4335fd2d9d	Brook Rd - 7	43.32253	-72.47623	Round	Concrete Sectional	Poor	24	24	45	None	No	No	No	No
ee3445e4-249b-4c7a-9223-24aaab5146ec	Brook Rd - 12	43.32918	-72.47135	Round	Steel	Poor	18	18	45	None	No	No	Yes	No
9f87059a-cc4f-4fea-afc5-cb37118d3e7d	Brook Rd - 16	43.33644	-72.46919	Round	Steel	Poor	48	48	70	None	No	No	Yes	No
5f0018db-320f-4a2b-abe0-74db9b94461c	Brook Rd - 17	43.33715	-72.46888	Round	Steel	Poor	18	18	45	None	No	No	No	No
9d05055c-ee80-4748-af21-0c003827f906	Brook Rd - 18	43.34021	-72.46899	Round	Steel	Poor	18	18	40	None	No	No	No	No
18f6ab1e-25b1-49c8-a90a-0bf54ea8b6c1	Brook Rd - 2	43.32287	-72.42976	Round	Plastic	Poor	15	15	30	None	No	No	No	No
fef1269a-da80-4ae0-b337-8a289389e810	Cemetery Rd - 1	43.33667	-72.53206	Round	Steel	Poor	15	15	32	None	No	No	No	Yes
40f6d362-87b9-408a-a6a5-810167f31126	Dutton District Rd (Upper Dutton) - 4	43.25636	-72.49606	Round	Steel	Poor	60	60	35	None	No	No	No	No
1e1a9387-818a-4716-8b28-1946539e5445	Elm Hill Rd - 4	43.31173	-72.48088	Round	Steel	Poor	12	12	45	None	No	No	No	Yes
98eae158-2755-44fa-8d86-22bc322bc9d6	Elm St - 1	43.32897	-72.52477	Round	Steel	Poor	12	12	30	None	No	No	Yes	No
a6cba1f7-eb01-4714-82dd-71a600dfb96d	Ervin Westney Rd - 1	43.25457	-72.45358	Round	Steel	Poor	15	15	30	None	No	No	No	No

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
7ec0563d-6917-4c00-8f0d-6d20ed72422c	Eureka Rd - 1	43.29753	-72.44682	Round	Steel	Poor	12	12	60	None	No	No	No	Yes
9771ff23-2a38-44ae-bbca-2dc504d6b82c	Fox Chair Ter - 1	43.24996	-72.53612	Round	Steel	Poor	15	15	40	None	No	No	No	Yes
1c26a2c4-eb56-4e88-812e-c6e91d1ce34f	French Meadow Rd - 21	43.30025	-72.51824	Round	Steel	Poor	15	15	30	None	No	No	No	No
80325bea-85ab-4004-8e0e-237cf680260f	French Meadow Rd - 25	43.29500	-72.51896	Round	Steel	Poor	18	18	130	None	No	No	No	No
1839181e-a48e-48d2-ad8d-f3097e08c06d	Greeley Rd - 1 - T32	43.30534	-72.43067	Round	Steel	Poor	108	144	90	None	No	No	No	No
b0ce7429-f244-4cad-b9d8-4dbeb8c3b7b9	Greeley Rd - 4	43.31445	-72.42881	Round	Steel	Poor	12	12	33	None	No	No	No	Yes
5d43f861-e7a7-4b20-ba8d-a4a4f0d0fada	Greeley Rd - 16 - T91	43.32364	-72.43569	Round	Steel	Poor	48	48	30	None	No	No	Yes	No
50ecad90-0056-4263-92b3-6edb13a20920	Green Mountain Turnpike - 1	43.23645	-72.54708	Round	Steel	Poor	18	18	35	None	No	No	Yes	No
352862a4-552b-4a8f-95e1-d9e6b6d8ba04	Highland Rd - 1	43.30362	-72.47474	Round	Steel	Poor	18	18	50	None	No	No	Yes	No
10e8b470-acd9-493c-84a2-66d003576fff	Highland Rd - 12	43.31344	-72.46910	Round	Steel	Poor	18	18	35	None	No	No	No	Yes
8ebf4fd5-86d4-4864-976e-c6d85522ea60	Highland Rd - 17	43.31830	-72.46080	Round	Steel	Poor	18	18	30	None	No	No	No	No
d3a13eb1-09d1-401d-aeae-42dfb6c0117d	Johnson Rd - 3	43.26809	-72.54064	Round	Steel	Poor	15	15	30	None	No	No	No	Yes
067bc68e-3b94-4c62-b368-180f6abf0f50	Kirk Meadow Rd - 2	43.29118	-72.52588	Round	Steel	Poor	36	36	50	None	No	No	No	No
62a23d42-db66-4f3d-ae03-b2d04632393d	Kirk Meadow Rd - 14	43.29729	-72.53726	Round	Steel	Poor	15	15	30	None	No	No	No	No
259c9609-a52d-4bd1-95dd-c8b248608b2f	Kirk Meadow Rd - 15	43.29704	-72.53799	Round	Steel	Poor	15	15	30	None	No	No	No	No
cc97fed6-50f8-4835-8da2-ccf025f4b04d	Kirk Meadow Rd - 16	43.29686	-72.53934	Round	Steel	Poor	15	15	35	None	No	No	No	Yes
a742cb0c-36d1-4920-93ee-c55f8cda37d8	Kirk Meadow Rd - 23	43.29775	-72.54626	Round	Steel	Poor	12	12	30	None	No	No	Yes	No
a3c79e36-fad5-4f47-8b02-77f48b686cf2	Lacross Rd - 8	43.28390	-72.54246	Round	Steel	Poor	15	15	35	None	No	No	No	No
22f49870-72c7-4ddf-b9b9-9f3fe607f318	Lovell Rd - 3	43.24197	-72.53167	Round	Steel	Poor	15	15	30	None	No	No	No	No
eb0491b6-3cf3-461e-821a-66a74ed80f4b	Maple Dell Rd - 2	43.29176	-72.46381	Round	Steel	Poor	15	15	100	None	No	No	No	Yes
ab46f4a1-f74b-4059-9555-ef98d628ba2f	Mattson Rd - 2	43.31752	-72.54634	Round	Steel	Poor	15	15	29	None	No	No	No	Yes
db256728-1f96-4798-96e5-9f76ecd75547	Middle Rd - 6	43.26551	-72.49113	Round	Steel	Poor	15	15	35	None	No	No	Yes	No
fa82d090-3c69-4c74-a00f-be8d0475fbc6	Monument Hill Rd - 3	43.28882	-72.50800	Round	Steel	Poor	12	12	30	None	No	No	No	No
73d3574c-0137-4b9d-b630-7dc7eff728cc	Olney Rd - 1	43.33512	-72.53295	Round	Steel	Poor	12	12	30	None	No	No	No	Yes
014d78b8-320f-4709-b63a-3fb5b433370d	Park Farm Rd - 2	43.28634	-72.45569	Round	Steel	Poor	15	15	35	None	No	No	Yes	No
90309b5e-fa16-4bbb-97a5-00467daf84cd	Park View Rd - 3	43.28468	-72.45158	Round	Steel	Poor	15	15	30	None	No	No	Yes	No
6ea18030-6903-4743-8017-bacd737681cb	Park View Rd - 4	43.28298	-72.45098	Round	Steel	Poor	18	18	30	None	No	No	No	No
c66a6c45-075b-414b-8ea9-c2c4fde13b92	Pelkey Rd - 1	43.33372	-72.49437	Round	Steel	Poor	15	15	40	None	No	No	No	No
5343636e-ed5a-4a90-8c0d-41ec3f17a045	Pierce Rd - 2	43.32959	-72.51075	Round	Steel	Poor	8	8	70	None	No	No	No	No
7e2abedf-cf82-4bff-82e7-73500c9a91bc	Pleasant Valley Rd - 25	43.24659	-72.53340	Round	Steel	Poor	12	12	35	None	No	No	No	Yes
0e15e28b-ff85-4b79-ae4c-87450cb68337	Pleasant Valley Rd - 27	43.24543	-72.53447	Round	Steel	Poor	12	12	30	None	No	No	No	No
2cb1c8ee-d8a6-40a6-a740-d4972e368ca4	Pleasant Valley Rd - 37	43.23587	-72.53966	Round	Steel	Poor	15	15	40	None	No	No	Yes	No
94c1ca90-e718-4e40-ba5e-2606db1ece07	Putnam Rd - 2	43.31867	-72.40412	Round	Steel	Poor	12	12	25	None	No	No	Yes	Yes
73227dac-1613-446c-827b-18c02a5d656c	Putnam Rd - 7	43.31388	-72.40224	Round	Steel	Poor	15	15	28	None	No	No	No	No
cf8880f3-387e-4662-bc6a-a91bcd9776dd	Putnam Rd - 8	43.31264	-72.40198	Round	Steel	Poor	18	18	28	None	No	No	Yes	No
3521fbec-98c0-4cf5-8646-e32f6c3a1cbe	Randall Hill Rd - 13	43.25776	-72.45140	Round	Steel	Poor	12	12	40	None	No	No	No	Yes
3eef6a22-f299-4313-9460-683552c4cac2	Randall Hill Rd - 14	43.25643	-72.45185	Round	Steel	Poor	15	15	30	None	No	No	No	Yes

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
b7184de7-5c15-4cc1-b974-9f7250d521d4	Randall Hill Rd - 21	43.24915	-72.45378	Round	Steel	Poor	15	15	40	None	No	No	No	No
9cc8b835-f894-4e24-8ad4-30de0da74f6e	Randall Hill Rd - 28	43.23716	-72.45686	Round	Steel	Poor	15	15	30	None	No	No	No	Yes
d723ff81-1ee3-49f2-9bc7-51ea54a21db2	Reservoir Rd - 2	43.33039	-72.50929	Round	Steel	Poor	15	15	30	None	No	No	No	Yes
3efc3256-1987-462d-a538-a25433e44405	Ruusunen Rd - 5	43.25896	-72.53226	Round	Steel	Poor	18	18	50	None	No	No	No	No
ac4c0616-d36b-4827-98dd-505bff7be0ce	Seavers Brook Rd - 6	43.27212	-72.47024	Round	Steel	Poor	24	24	40	None	No	No	No	No
213751d7-80b6-4417-a6e4-7e1ea48311da	Seavers Brook Rd - 11	43.26741	-72.47207	Round	Steel	Poor	15	15	35	None	No	No	No	Yes
f753f7b3-cc60-40fb-91fd-bb640dca5d9b	Seavers Brook Rd - 13	43.26552	-72.47219	Round	Steel	Poor	18	18	60	None	No	No	Yes	Yes
cee0011b-44b7-42b0-80cd-434a100b611a	Skitchewaug Trail (VT-143) - 9	43.29413	-72.44928	Round	Steel	Poor	15	15	40	None	No	No	Yes	No
31169a1f-e2a8-4fe9-9e7b-38d83e1e90e6	Skitchewaug Trail (VT-143) - 12	43.29722	-72.44531	Box	Stone	Poor	15	15	40	None	No	No	No	Yes
1d290a84-b420-4a4a-b91e-4c54ee7a27af	Skitchewaug Trail (VT-143) - 28	43.31876	-72.41499	Round	Steel	Poor	18	18	40	None	No	No	Yes	No
3e59f698-7b3d-495b-8a2b-44b068dc7055	Skitchewaug Trail (VT-143) - 30	43.32003	-72.41383	Round	Steel	Poor	18	18	35	None	No	No	Yes	Yes
356b8e73-d3cc-4278-8c9c-bb1b91a32ff3	Spencer Hollow Rd - 1	43.27190	-72.44933	Round	Steel	Poor	15	15	30	None	No	No	No	Yes
d55e7f66-afb4-4b26-bea9-3b6ef1c2bfb2	Spencer Hollow Rd - 9	43.28155	-72.44109	Round	Steel	Poor	6	6	35	None	No	No	No	Yes
b126af53-a020-4ab8-8113-572cf07f3489	Spencer Hollow Rd - 10	43.28318	-72.43994	Round	Steel	Poor	30	30	30	None	No	No	No	No
76b1055c-e37f-449c-b8b4-2be7e47b306c	Spencer Hollow Rd - 12	43.28478	-72.43737	Round	Steel	Poor	15	15	35	None	No	No	Yes	No
61bb2b3d-41e5-4f3d-bbdd-735b408a2a7c	Spencer Hollow Rd - 14	43.28801	-72.43349	Round	Steel	Poor	18	18	35	None	No	No	Yes	No
fdad7423-b623-4661-ac3d-9761649c3182	Spoonerville Rd - 5	43.32004	-72.53445	Round	Steel	Poor	15	15	32	None	No	No	No	Yes
d200288c-fad5-469e-8849-293abb81193d	Stellafane Rd - 3	43.29041	-72.51825	Round	Steel	Poor	15	15	40	None	No	No	No	No
6363adee-6679-4205-b6a9-deab7b1095e4	Stellafane Rd - 5	43.28867	-72.51724	Round	Steel	Poor	15	15	40	None	No	No	Yes	No
455d72b4-a9cc-4b05-8c8c-ade4fdb50571	Tarbell Rd - 6	43.31856	-72.54199	Round	Steel	Poor	15	15	27	None	No	No	Yes	Yes
ce621d3d-30ab-4872-9d72-6323f3cc5484	Town Farm Rd - 2	43.33375	-72.46772	Round	Steel	Poor	18	18	35	None	No	No	No	No
1ee61b52-9ccd-4b82-9f67-d6a6abb59529	Town Farm Rd - 4	43.33430	-72.46243	Round	Steel	Poor	15	15	35	None	No	No	No	Yes
5ac51c77-e10b-472c-abc3-fb4f41a0c153	Town Farm Rd - 5	43.33388	-72.46106	Round	Steel	Poor	15	15	25	None	No	No	No	No
f7526acd-9eb1-4de9-be38-b5997f578d62	Town Farm Rd - 6	43.33336	-72.46096	Round	Concrete Sectional	Poor	6	6	25	None	No	No	No	No
8470c7bd-6b43-4854-81b7-a8e30c8f0bf5	Town Farm Rd - 11	43.32777	-72.46019	Round	Steel	Poor	15	15	30	None	No	No	Yes	No
707b5d98-695f-43af-bf51-4a46bce3e64a	Walter Westney Rd - 5	43.25876	-72.46371	Round	Steel	Poor	12	12	30	None	No	No	No	No
2efe2ba5-0440-4828-9dbc-a740f2d624cd	Whitney Rd - 5	43.25319	-72.53976	Round	Steel	Poor	12	12	25	None	No	No	No	Yes
881506d8-145d-43e0-a05f-ed5992e1e25b	Whitney Rd - 8	43.24325	-72.54234	Round	Steel	Poor	15	15	28	None	No	No	Yes	No
3d47a4cc-9758-42c1-a515-c2fdc0028ce8	Will Dean Rd - 2	43.26969	-72.46825	Round	Steel	Poor	12	12	30	None	No	No	Yes	No
8a47d6c7-5c4d-4b29-a78c-1222134183ff	Will Dean Rd - 7	43.26166	-72.47376	Box	Stone	Poor	36	36	120	None	No	No	No	No
74544939-e257-4f83-91f5-ca82d6dcddd5	Fairground Rd - 21	43.32799	-72.51541	Round	Steel	Fair	15	15	96	High	No	No	Yes	Yes
825057bb-900a-4503-94e2-1d0b55b535cc	Reservoir Rd - 1	43.32801	-72.51093	Round	Steel	Fair	24	24	80	High	No	No	No	No
e7f049b4-d243-4f20-ac98-2d72c139aafa	Breezy Hill Rd - 5	43.27672	-72.52961	Round	Steel	Fair	30	30	25	Medium	No	No	No	No
e036ec6a-492a-491d-a6d0-1ca23031b5e5	Carley Rd - 13	43.33471	-72.49245	Round	Steel	Fair	15	15	20	Medium	No	No	Yes	No
fbbf5558-7875-4718-8640-ae547658d3be	Davidson Hill Rd - 2	43.33156	-72.54463	Round	Plastic	Fair	15	15	32	Medium	No	No	Yes	No
02f0b829-b889-4134-aae3-048a7da37aa2	Fairground Rd - 17	43.31999	-72.50934	Round	Steel	Fair	30	30	60	Medium	No	No	Yes	No

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
218d51f6-8660-474d-a78d-c5d3219448c0	Fairground Rd - 22	43.32904	-72.51570	Round	Steel	Fair	15	15	55	Medium	No	No	Yes	Yes
58bbb6fe-781f-4da7-8fef-aabe210bb7b1	Hillside Rd - 2	43.32884	-72.52021	Round	Steel	Fair	18	18	200	Medium	Unk	No	Yes	Unk
6899294b-2f14-422e-99ac-f7cc7ed0209c	Kaartine Rd - 1	43.29606	-72.54020	Round	Plastic	Fair	18	18	40	Medium	No	No	No	Yes
7bd85275-e96c-4fba-9378-f98db71d228a	Middle Rd - 3	43.27064	-72.49193	Round	Steel	Fair	15	15	24	Medium	No	No	Yes	Yes
ca592da8-555a-4194-938c-58b11066fcf2	Mile Hill Rd - 7	43.32054	-72.46045	Round	Steel	Fair	18	18	30	Medium	No	No	Yes	No
cf61c1a0-a5ee-487c-ba73-8c19313ccfa2	Northfield Dr - 2	43.33247	-72.54369	Round	Steel	Fair	15	15	64	Medium	No	No	No	Yes
6bc7aacf-0859-4777-bc94-6413ad0febbd	Orchard Ln - 1	43.31593	-72.50141	Round	Concrete Sectional	Fair	36	36	300	Medium	No	No	No	No
8dffa284-b4cb-461d-8878-8e6e0e503207	Parker Hill Rd - 6	43.25635	-72.47682	Round	Steel	Fair	15	15	40	Medium	No	No	Yes	Yes
816c4ad7-1680-45c4-96b2-20cd0519da88	Pleasant Valley Rd - 29	43.24235	-72.53610	Round	Steel	Fair	24	24	50	Medium	No	Yes	Yes	No
7062337d-ce3e-4beb-95cd-de22e9b3af92	Reservoir Rd - 7	43.33653	-72.50599	Round	Steel	Fair	36	36	55	Medium	No	No	Yes	No
b30cfdff-2ab7-42bc-a5af-866cd13d4393	River St (VT-11) - 3	43.30381	-72.49013	Round	Steel	Fair	24	24	150	Medium	No	No	Yes	Yes
f6ebd2f7-4656-4fd2-973f-ec03713f06eb	Siliski Rd - 1	43.25860	-72.47515	Round	Steel	Fair	30	30	30	Medium	No	No	Yes	No
bcaad388-e863-44da-8714-80eb60ca03da	Skitchewaug Trail (VT-143) - 41	43.33094	-72.41218	Round	Steel	Fair	36	36	135	Medium	No	No	No	No
46ffb226-d054-4811-a948-84f3696e4393	Taylor Dr - 2	43.31893	-72.49899	Round	Steel	Fair	24	24	45	Medium	No	No	Yes	No
ded933e3-7c9c-445e-b3fb-14448dd2977b	Town Farm Rd - 14	43.32310	-72.45651	Round	Steel	Fair	15	15	60	Medium	No	No	Yes	No
3d6ac7d2-fbeb-44f9-9d2d-856ec947e460	Union St - 1	43.29320	-72.48520	Round	Steel	Fair	48	48	125	Medium	No	No	Yes	No
d8a754a1-1157-45cb-9531-6deb8bfd09e6	Woodbury Rd - 2	43.30064	-72.46974	Round	Steel	Fair	18	18	40	Medium	No	No	Yes	Yes
5b0f571b-60fc-4d87-9bd7-2c458fd6a66a	Perley Gordon Rd - 4	43.27092	-72.44918	Round	Steel	Good	15	15	35	High	No	No	No	Yes
f5050d7c-4f6b-4b56-8053-b4a7f62c365c	Perley Gordon Rd - 5	43.27062	-72.44853	Round	Steel	Good	15	15	60	High	No	No	Yes	No
45e86489-0af0-4682-a406-947b55f0c5be	Pleasant Valley Rd - 35	43.23836	-72.53919	Round	Plastic	Good	18	18	35	High	No	Yes	Yes	No
1739bad2-8202-44f5-a201-631057152cd8	Brockway Mills Rd - 16	43.25158	-72.49259	Round	Plastic	Good	18	18	35	Medium	No	No	No	Yes
7e9cbe9b-fb8a-4489-b76a-51057c5e0784	Carley Rd - 10	43.33013	-72.49605	Round	Plastic	Good	24	24	86	Medium	No	No	No	No
759af583-5beb-42f7-99a2-f88cd5ecff56	Commonwealth Av - 1	43.29285	-72.46925	Round	Steel	Good	36	36	60	Medium	No	No	Yes	No
d4cbad57-1057-4a4d-bc4b-2757ede0837c	Commonwealth Av - 2	43.29169	-72.46927	Round	Steel	Good	15	15	140	Medium	No	No	Yes	No
fcaa099b-2190-4023-8ac9-3399cd0e520e	Crown Point Rd - 8	43.28614	-72.43487	Round	Plastic	Good	18	18	50	Medium	No	No	No	No
058684f7-caac-4039-8f5c-a0855da6029c	Fairground Rd - 5	43.31180	-72.50234	Round	Plastic	Good	18	18	40	Medium	No	No	Yes	No
9b5379b0-722c-4dfe-b519-be2c9fa95dd0	Fairground Rd - 8	43.31466	-72.50514	Round	Plastic	Good	24	24	55	Medium	No	No	Yes	No
a1a2757f-f5e4-45ea-beb7-8c23dd83c20b	French Meadow Rd - 1	43.32529	-72.52773	Round	Plastic	Good	18	18	40	Medium	No	No	No	Yes
25e0a8b1-df0c-46e7-aae5-2db804443c94	Highland Rd - 5	43.30723	-72.47205	Round	Concrete Sectional	Good	18	18	70	Medium	No	No	Yes	No
f16e00a7-4626-4557-8422-5a67e5a4fb9a	Lower Parker Hill Rd - 2	43.24100	-72.47561	Round	Concrete Sectional	Good	18	18	50	Medium	No	No	No	No
6dafa912-0411-45d0-ba5f-0f709835c98b	Massey Rd - 16	43.26141	-72.50322	Round	Plastic	Good	18	18	40	Medium	No	No	Yes	No
fbf25090-6f19-4aa2-840c-a732a4dfc8e4	Monument Hill Rd - 1	43.28577	-72.51244	Round	Steel	Good	42	42	30	Medium	No	No	No	No
c0022e50-fc18-4806-b933-cb2041c2f54f	Paddock Rd - 2	43.27107	-72.44765	Round	Concrete Sectional	Good	30	30	50	Medium	No	No	No	Yes
7540a60a-8775-4cd3-83a0-be553169e90b	Parker Hill Rd - 5	43.25751	-72.47627	Round	Steel	Good	15	15	45	Medium	No	No	Yes	Yes
77826bf5-b4a5-41d5-a947-bf6995c3dee2	Pleasant Valley Rd - 31	43.24084	-72.53800	Round	Plastic	Good	18	18	35	Medium	No	No	Yes	No
d6974b3f-eaa6-4bca-9b45-0f7a387511cf	Pleasant Valley Rd - 32	43.23999	-72.53851	Round	Plastic	Good	18	18	30	Medium	No	Yes	Yes	No

VOBCIT ID	Local ID	Latitude	Longitude	Culvert Type	Culvert Material (Unless otherwise stated, steel is corrugated and plastic is smooth)	Overall Condition	Height (in)	Width (in)	Length (ft)	Erosion issue	Alignment Issue?	Direct output into stream?	Perched?	Needs cleaning?`
e3ae47fe-4d3e-4a04-b040-5934f32609c3	Pleasant Valley Rd - 34	43.23881	-72.53897	Round	Plastic	Good	18	18	40	Medium	No	Yes	Yes	No
fd53f9b5-c501-4d4c-9117-fd1b6652b537	Reservoir Rd - 5	43.33430	-72.50713	Round	Concrete Sectional	Good	15	15	40	Medium	No	No	No	No
5955b287-ed91-43a9-a053-635e25ab3971	Skitchewaug Trail (VT-143) - 38	43.32812	-72.41213	Round	Plastic	Good	18	18	45	Medium	No	No	Yes	No
450462be-6d12-4f99-82b5-aa3cc6cf4a30	Skitchewaug Trail (VT-143) - 40	43.33010	-72.41199	Round	Plastic	Good	18	18	45	Medium	No	No	Yes	Yes
a11be970-4cec-4832-bd9d-47c81b80254d	Summer St (VT-143) - 3	43.29273	-72.46661	Round	Concrete Sectional	Good	24	24	80	Medium	No	No	No	Yes
aece2cb4-1ead-4842-91e1-4726186bf641	Valley St - 4	43.30638	-72.47880	Round	Steel	Good	30	30	45	Medium	No	Yes	Yes	Yes
4355cc5a-8e52-4fa5-9895-909f8bdb45db	Valley St - 5	43.30746	-72.47868	Round	Steel	Good	15	15	40	Medium	No	No	Yes	No
5cd47fbf-5c12-4631-b705-34c50270a35e	Walnut Way - 2	43.32539	-72.50868	Round	Steel	Good	15	15	55	Medium	No	No	Yes	No
f33f3c0b-81cf-48ac-bd39-d74f23cd0673	Whitney Rd - 7	43.24532	-72.54195	Round	Plastic	Good	30	30	40	Medium	No	No	Yes	No
4e861a64-1a17-49a2-b259-7fc9a101ec89	Will Dean Rd - 3	43.26749	-72.46916	Round	Steel	Good	15	15	40	Medium	No	No	Yes	No
8a773e73-d7d8-4866-8a7f-fd7ed1c5ead9	Woodland Dr - 3	43.29892	-72.50612	Round	Plastic	Good	18	18	250	Medium	No	No	Yes	No
a80ea982-5d30-4a05-a98f-7c364da1b16a	Fairground Rd - 26	43.33001	-72.51985	Round	Plastic	Excellent	18	18	45	High	No	No	Yes	No
76957ee4-668f-433c-ab1c-43533c97fc7a	Carley Rd - 3	43.32364	-72.50192	Round	Plastic	Excellent	18	18	28	Medium	No	Yes	Yes	No
5e8009fe-d76b-40d6-a1ff-105168df591d	Carley Rd - 6	43.32604	-72.50106	Round	Plastic	Excellent	18	18	30	Medium	No	Yes	Yes	No
ad909592-9948-4169-a576-fd49f8ba2463	Carley Rd - 7	43.32672	-72.50091	Round	Plastic	Excellent	18	18	40	Medium	No	Yes	Yes	No
b47bb3b6-a568-48d5-baec-d3f319df55e9	Fairground Rd - 9	43.31521	-72.50570	Round	Plastic	Excellent	24	24	50	Medium	No	No	Yes	No
fbeadfbb-b0e1-4871-9df8-56c18f1148f7	Woodbury Rd - 10	43.31100	-72.45037	Unknown	Unknown	Unknown	0	0	25	Medium	No	No	No	Yes

Hydrologically Connected Road Segments
Data from ANR July 2016
Town of Springfield, Vermont

Potentially hydrologically connected road segment
Potentially non-hydrologically connected road segment

Major Watersheds (Small map only)
- Black River
- North Branch Williams River
- Middle Branch Williams River
- South Charlestown Tributaries of the Connecticut River
- North Charlestown Tributaries of the Connecticut River

Interstate, US or VT Highway
Class 1 Town Highway
Class 2 & 3 Town Highway
Rivers and Streams
Lakes and Ponds
Town Boundary

This map shows whether each 100 meter road segment is potentially hydrologically connected or not, as defined in the July 8, 2016 interim guidance. The July guidance includes the following: Act 64, the Vermont Clean Water Act, requires the Vermont Department of Environmental Conservation (DEC) (part of the Agency of Natural Resources) to develop a draft Municipal Roads General Permit (MRGP) to address road-related runoff impacting waterways. Towns will begin applying for coverage under the permit in summer of 2018 (proposed). As part of the development of the MRGP, new municipal road practice standards will be developed.

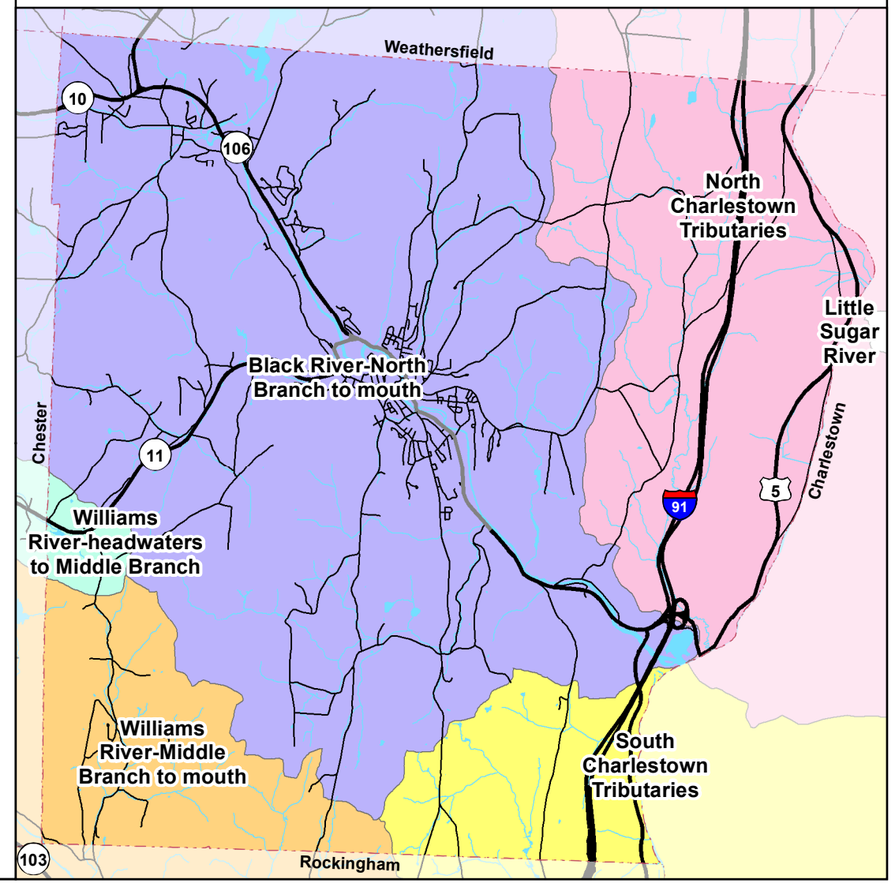
For more information about the Municipal Roads General Permit see http://dec.vermont.gov/watershed/stormwater/permit-information-applications-fees/municipal-roads-program

Data Sources:
Hydrologically connected road segments (ANR July 2016), Waterbodies (VT Hydrographic Dataset 2008), Road centerline (VTrans 2014), Town Boundary (SWCRPC 2013 using Parcels 2013)

SWCRPC
SOUTHERN WINDSOR COUNTY REGIONAL PLANNING COMMISSION
P.O. Box 320, Ascutney, VT 05030
802-674-9201 www.swcrpc.org

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

Weathersfield
Chester
Charlestown
Rockingham
10
106
11
91
5
103
N
0 0.25 0.5 1 Miles



Road Erosion Risk Ranking
Data from ANR July 2016
Town of Springfield, Vermont

Road Erosion Risk Rank
- High Risk
- Moderate Risk
- Low Risk
- No Measured Risk

Small map shows hillshade

- Interstate, US or VT Highway
- Class 1 Town Highway
- Class 2 & 3 Town Highway
- Rivers and Streams
- Lakes and Ponds
- Town Boundary

This map shows predicted erosion risk of 100 meter segments using the protocol developed by Stone Environmental in 2014 for ANR. In 2016 ANR slightly revised this ranking to include paved roads and remove private roads. Locations were identified based on a variety of site factors including but not limited to slope, water features, and soils. Site factors were linked to constraint values and totaled to determine priority ranking from low to high.

For more information see
http://anrmaps.vermont.gov/websites/vgisdata/layers_anr/metadata/TransRoad_EROSIONRISK.txt
and http://gis.vtanr.opendata.arcgis.com/

Data Sources:
Road Erosion Risk Ranking (ANR July 2016), Waterbodies (VT Hydrographic Dataset 2008), Road centerline (VTrans 2014), Town Boundary (SWCRPC 2013 using Parcels 2013), Hillshade (VCGI/ USGS 2012)

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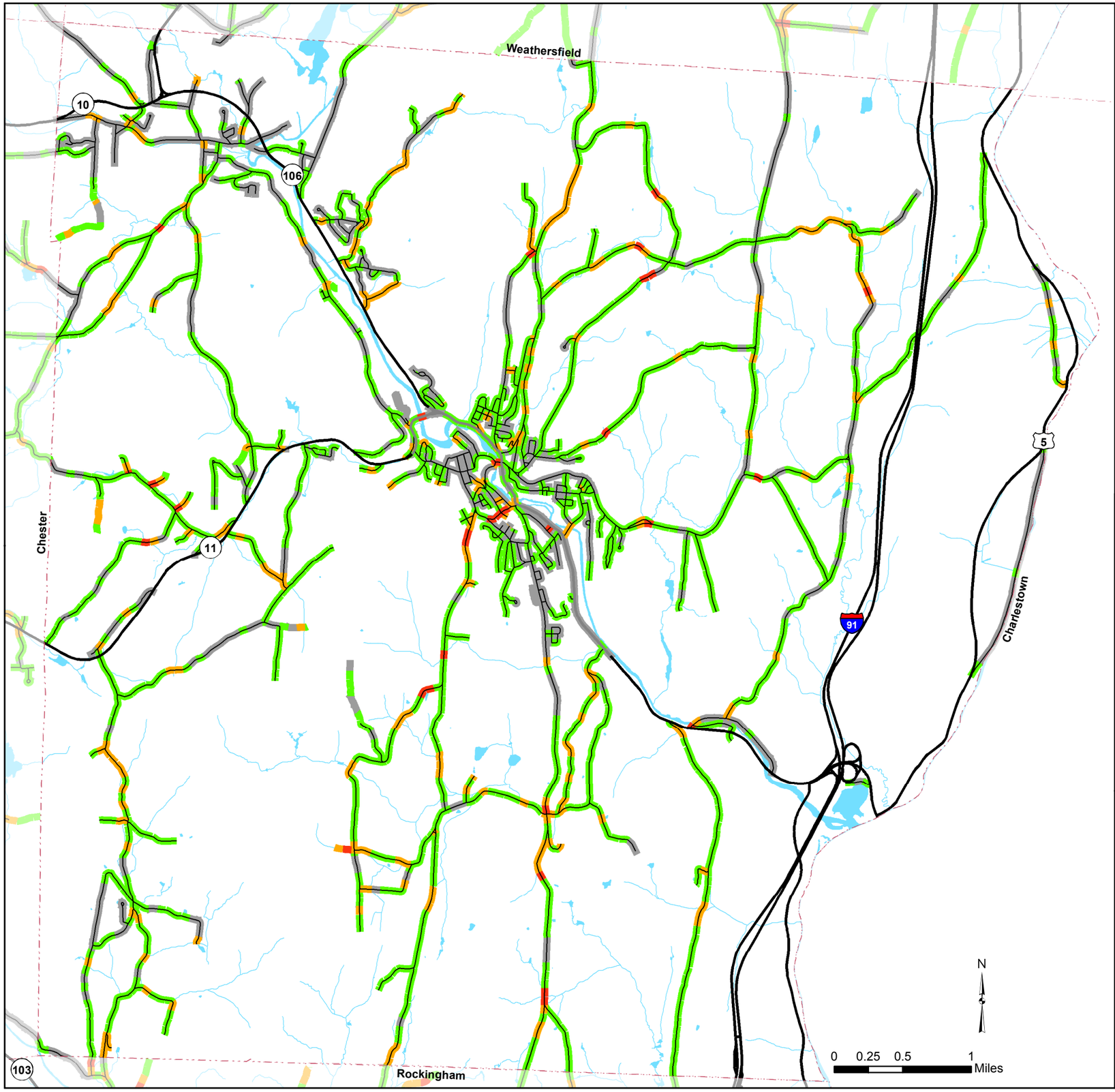
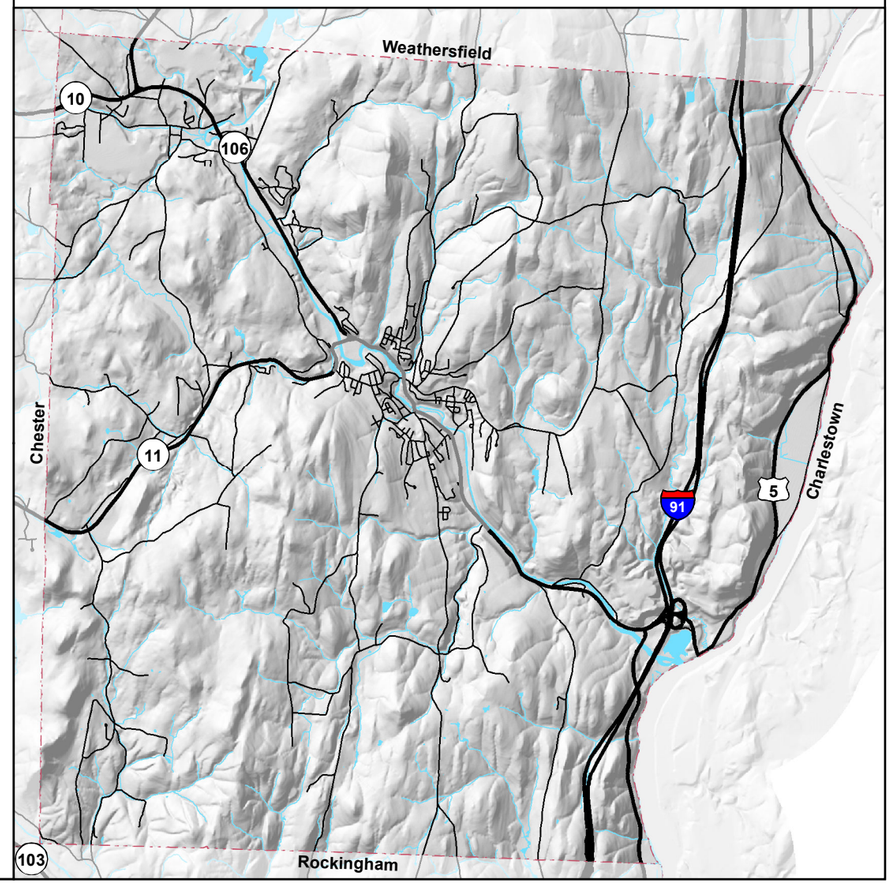
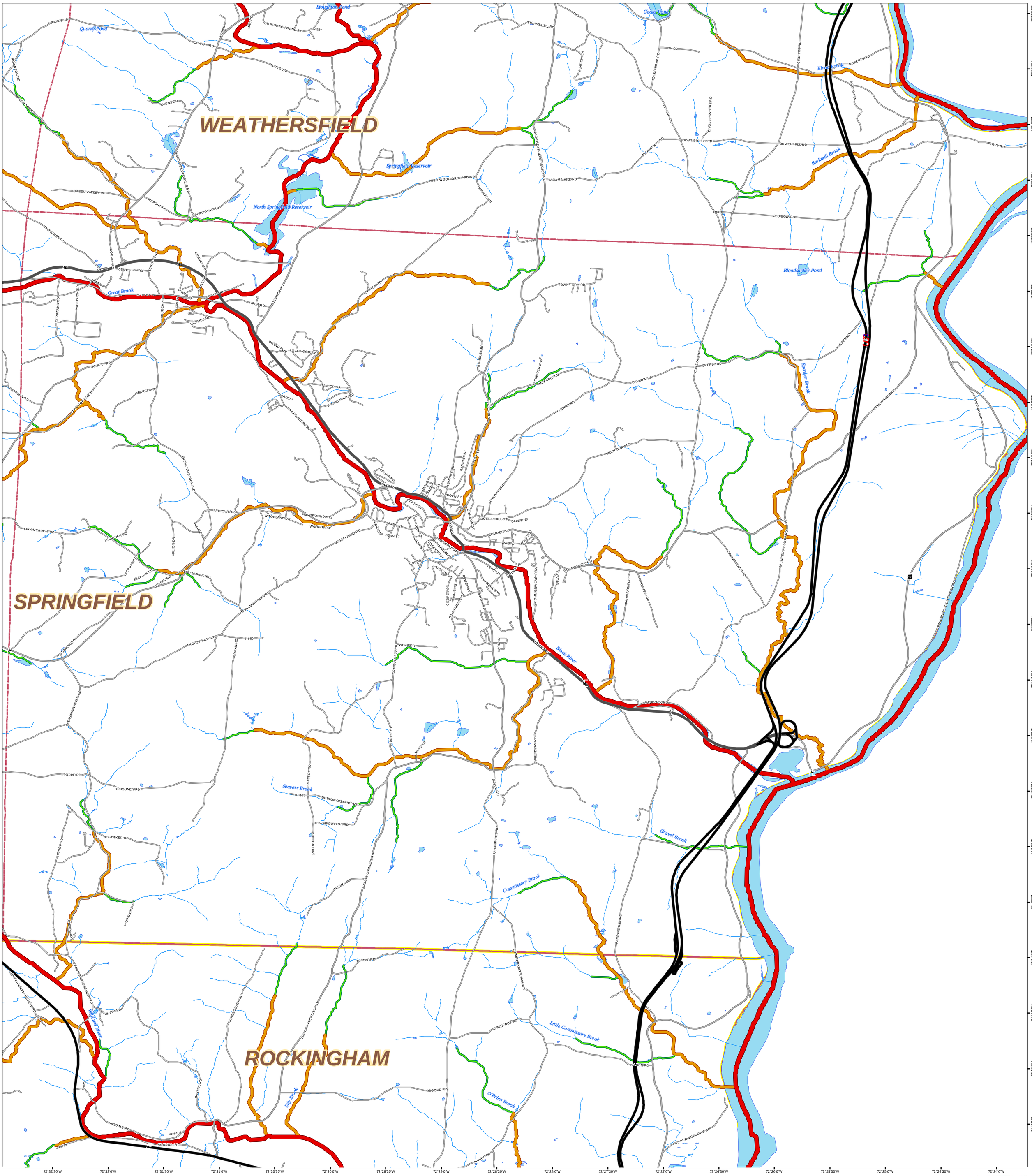
Not for regulatory interpretation
Map Drawn December 7, 2016





Watershed Sizes Used as Guidance in Stream Alteration Regulations

SPRINGFIELD



Map Disclaimer

This map represents guidance on watershed sizes using data and methods that have a certain amount of error associated with them. The accuracy of watershed sizing maps using the Vermont Hydrography Data Set and produced with computer automated methods may be exceeded by other methods using more accurate data. The regulated public may request River Management Program (RMP) approval, or the RMP may decide, to use watershed sizes based on more accurate methods and data.

0 0.25 0.5 1 1.5 2 Miles

Map Description

This map product indicates the reaches of stream and river in a given town that would be at or below the 0.5, 1.0, and 10.0 square mile watershed thresholds used for jurisdictional determinations under the Vermont ANR Stream Alteration Regulatory Program.

RMP contacts and information about the Stream Alteration GP may be obtained at:
http://www.anr.state.vt.us/dec/waterq/rivers/htm/rv_management.htm

Map Created by, Erik Engstrom. ANR GIS. April 1st, 2011.

LEGEND

Roads
- Principal Arterial
- Minor Arterial
- Urban
- Rural
- Local

Drainage Area
- >10 Square Miles
- 1 - 10 Square Miles
- .5 - 1 Square Mile
- <.5 Square Mile
- Lake/Pond

- VT Town Boundaries
- VT County Boundary

VERMONT DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Quick Guide to Funding Sources for Transportation Projects

Southern Windsor County, Vermont

Last Updated May 2016

SWCRPC
SOUTHERN WINDSOR COUNTY REGIONAL PLANNING COMMISSION

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 facilites, 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.watershedmanagement.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							
Muncipal 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 facilites, 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 facilites, 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 construciton 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 Brank	http://www.veda.org/financing-options/other-financing-option/state-infrastructure-bank-program/	VTrans & VEDA	Karen Songhurst	Loan	N/A	Any transpotration 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 Communtiies, 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

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VTrans Districts

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