

TOWN OF RICHMOND	
Report: Calendar Year 2024: Progress on Implementation of All-Hazards Mitigation Plan	
Date:	November 2025
To:	Selectboard
From:	Josh Arneson, Town Emergency Management Director
Information collected by:	Chittenden County RPC in partnership with municipal staff

Town of Richmond Mitigation Actions: Implementation Monitoring Worksheet

Action #	Proposed Action	Agency/ Departments	Risk Reduction Benefit	Hazard(s) Addressed
2022-1	Complete Geomorphic assessment and corridor management plan for the Winooski River.	Planning	Addresses damage to new/existing public infrastructure and buildings; Mitigates temporary road and bridge closure and budgetary impacts	Flood, Severe Winter Storm, Severe Rainstorm
	Report on Progress in Calendar Year 2024 →	<u>The Town reports the following for 2024:</u> The Town is currently engaged in a hydrologic study of the Winooski River for flood mitigation.		
2022-2	Drainage Improvement and culvert update to mitigate repeated damages from identified hazards.	Town Highway Foreman	Addresses damage to new/existing public infrastructure and buildings; Mitigates temporary road and bridge closure and budgetary impacts	Flood, Severe Winter Storm Severe Rainstorm
	Report on Progress in Calendar Year 2024 →	<u>The Town reports the following for 2024:</u> See report for action 2022-3 below.		
2022-3	Develop and implement a Roads Stormwater Management Plan	Town Highway Foreman	Addresses damage to new/existing public infrastructure and buildings; Mitigates temporary road and bridge closure and budgetary impacts	Flood, Severe Winter Storm Severe Rainstorm,
	Report on Progress in Calendar Year 2024 →	<u>The Town reports the following for 2024:</u>		

We were unable to utilize the VTrans Better Roads Grant due to the storm damage in July. We anticipate more BRG work in summer 2026.

Using planned FEMA PA disaster funds, State ERAF match funds and municipal funds, the Town:

The July 10, 2024 storm severely damaged several roads. The Town utilized 5 different contractors as well as the Highway crew to repair the following roads:

Hinesburg Rd- 400' travel lane, subbase, subsurface, paving and stone shoulder slope repair. Replace one 24" dia. road crossing and one 18" dia. driveway culvert. 200' of ditch cleaning and stone lining.

Huntington Rd – 400' of ditch cleaning and stone lining. Replace one 48" dia. road crossing culvert. Rip rap 200' of shoulder slope.

Besaw Rd- Replaced 48" dia. road crossing culvert. Subsurface gravel, rip rap shoulder slopes. Repaved culvert crossing and installed new guardrails.

Hillview Rd- 500' of ditch cleaning and stone lining. Upsized two driveway culverts from 18" dia. to 24" dia. Upsized a 96" dia. road crossing culvert to 120" dia. Rip rap 150' of stone slope shoulder. Replaced 48" dia. road crossing culvert. Road subbase and surface gravel on all affected areas.

Williams Hill Rd- 400' of ditch cleaning and stone lining. 400' of one lane subbase and surface gravel. Upsize one road crossing culvert from 24" dia. to 36" diameter. Road surface gravel on all affected areas.

Wortheim Rd- Upsize on road crossing culvert from 18" dia. to 24" dia. Rip rap 50' of shoulder slope. Surface gravel on all affected areas.

Dugway Rd- 100' x 20' road base and surface replacement. Rip rap 140' of shoulder slope along Huntington River. Surface gravel on all affected areas.

Wes White Hill Rd- Rock armor 100' x 75' shoulder segment of road. Replace affected asphalt, subbase and surface gravel. Install 100' of guardrail. Rip rap 40' of shoulder slope.

Durand Rd- Upsize 18" dia. culvert to 24" dia. culvert. Subbase and surface gravel.

Stage Rd- Major road, culvert and ditch washout for 2500'. Repairs include: Upsized three 24" dia. road crossing culverts to 36" diameter. Upsized one 18" dia. Road crossing culvert to 24" diameter. Replaced 2500 linear feet of road base and surface gravel. 2700' of ditch cleaning and stone lining.

Snipe Ireland Rd- Reset 12' diameter road crossing culvert. 400' of subbase and surface gravel. 50' of shoulder slope rip rap.

		<p>Cochran Road – Upsized one 24” dia. road crossing culvert to 36” dia. 100’ of shoulder slope rip rap. Replace affected area asphalt.</p> <p>Jones Mill Rd- 50’ x 20’ subbase and surface gravel.</p> <p>Kenyon Rd- 100’ of ditch cleaning and stone lining.</p> <p>Christmas Hill Rd- 100’ of ditch cleaning and stone lining.</p> <p>Volunteer’s Green – Repair playground and install engineered wood chips. Field washout repairs with topsoil. Silt removal.</p>		
2022-4	Retrofit new and existing critical fatalities to withstand the impacts of identified hazards	Town Highway Foreman	Addresses damage to new/existing public infrastructure and buildings.	Flood, Severe Winter Storm Severe Rainstorm, Wildfire
	Report on Progress in Calendar Year 2024 →	<p><u>The Town reports the following for 2024:</u></p> <p>All the damaged roads listed above have been 100% repaired with the exception of future mitigation work on Dugway Rd, Stage Rd, Snipe Ireland Rd, Jones Mill Rd and Railroad Street.</p>		
2022-5	Update existing Flood Insurance Rate Maps (FIRMs) and floodplain maps (RiskMAP program through FEMA)	Town Highway Foreman	Addresses damage to new/existing public infrastructure and buildings.	Flood, Severe Rainstorm
	Report on Progress in Calendar Year 2024 →	<p><u>The Town reports the following for 2024:</u></p> <p>FEMA is working to update maps. No work planned by Town until FEMA publishes draft maps for the Winooski Basin. The Town monitored draft maps related to the small portion of Town shoreline along Lake Iroquois in the Northern Lake Champlain Basin.</p>		
2022-6	Retrofit flood-prone structures to include repetitive loss structures	Town Highway Foreman	Addresses damage to new/existing public infrastructure and buildings.	Flood, Severe Winter Storm
	Report on Progress in Calendar Year 2024 →	<p><u>The Town reports the following for 2024:</u></p> <p>Please see Action Item 2022-3 above to identify roads that received culvert upsizing from the July 24 flood event.</p>		
2022-7	Modernization of Zoning Regulations	Planning	Addresses damage to new/existing public infrastructure and buildings.	Flood, Severe Winter Storm
	Report on Progress in Calendar Year 2024 →	<p><u>The Town reports the following for 2024:</u></p> <p>The Town did not promulgate any zoning amendments regarding WQ, E&S or Natural Resources in 2024.</p>		