

TOWN OF RICHMOND

Report: Calendar Year 2023: Progress on Implementation of All-Hazards Mitigation Plan

Date: May 2024

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 2023 →	No progress in 2023. This project would require significant funding.		
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 2023 →	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 2023 →	Using a VTrans Better Road Grant, the Town: -completed an upgrade of six, 100-meter road segments on Snipe Ireland Road (#169087, #169088.0, #169089.0, #169090.0, #169091.0 and \$169092.0).		

		<p>Using planned FEMA PA disaster funds, State ERAF match funds and municipal funds, the Town:</p> <ul style="list-style-type: none"> -Installed 600 linear feet of ditch rock lining on Huntington Road per repair of July flood event. -Installed 300 linear feet of ditch rock lining on Hillview Road per repair of July flood event. -Installed 400 linear feet of ditch rock lining on Jericho Road per repair of July flood event. 		
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 2023 →	No retrofits constructed in 2023.		
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 2023 →	FEMA is working to update maps. No work planned by Town until FEMA publishes draft maps.		
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 2023 →	<p>Using planned FEMA PA disaster funds, State ERAF match funds and municipal funds, the Town:</p> <ul style="list-style-type: none"> -Upsized culvert #1220 from 30" / 52" x 36' squash CMP to 60" x 50' HDPE per repair of July flood. -Upsized culvert # 408 from 15" x 80' CMP to 24" x 60' HDPE per repair of July flood. -Upsized culvert # 317 from 18" x 60' CMP to 24" x 60' HDPE per repair of July flood. -Upsized culvert # 9471 from 18" x 30' HDPE to 24" x 30" HDPE per repair of July flood. -Upsized culvert # 913 from 18" x 35' to 24" x 40' HDPE per repair of July flood. -Upsized culvert # 1418 from 24" x 40' CMP to 36" x 40' HDPE per repair of July flood. 		

		-Upsized culvert # 1217 from 15” x 80’ CMP to 18” x 60’ HDPE per repair of July flood.		
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 2023 →	The Town did not promulgate any zoning amendments regarding WQ, E&S or Natural Resources in 2023.		