

TOWN OF RICHMOND

Report: Calendar Year 2018: Progress on Implementation of All-Hazards Mitigation Plan

Date: May 2019
To: Selectboard
From: Josh Arneson, Town Emergency Management Director
Information collected by: Chittenden County RPC in partnership with municipal staff

Table 5-8 Town of Richmond Mitigation Actions: Implementation Monitoring Worksheet

<p>CATEGORY A: Complete fluvial geomorphology assessment and address identified vulnerable infrastructure to mitigate Severe Rainstorm, Flooding, Fluvial Erosion and Water Pollution and their associated vulnerabilities of:</p> <ul style="list-style-type: none"> • Damage to new/existing public infrastructure and buildings • Temporary road and bridge closure • Budgetary impacts • Temporary loss of power and/or telecommunications • Temporary isolation of vulnerable individuals 	
<p>Action (Primary Responsible Entity)</p>	<p>Report on Progress since Plan adoption <i>See Section 5.4 for details on locations identified during Plan development.</i></p>
<p><u>Action A-1: Complete Geomorphic assessment and corridor management plan for the Winooski River</u> (CCRPC, Town & VT-DEC)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • None to report
<p><u>Action A-2: Flood Hazard Mitigation Project Implementation</u> (Town Manager & Town Planner)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • 98 Jones Mill road is partially complete • Waiting on owner agreements for mobile home elevations
<p>CATEGORY B: Improve capabilities of existing road and stormwater management infrastructure to mitigate Severe Rainstorm, Flooding, Fluvial Erosion and Water Pollution and their associated vulnerabilities of:</p> <ul style="list-style-type: none"> • Damage to new/existing public infrastructure and buildings • Temporary road and bridge closure • Budgetary impacts • Temporary loss of power and/or telecommunications • Temporary isolation of vulnerable individuals 	
<p>Action (Primary Responsible Entity)</p>	<p>Report on Progress since Plan adoption <i>See Section 5.4 for details on locations identified during Plan development.</i></p>
<p>Action B-1: Culvert Upgrades (Town Road Foreman)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • May 2018 replaced failed 24” diameter road crossing culvert with a 60” diameter CMP on Dugway Road.

	<ul style="list-style-type: none"> • Spring and summer 2018: On May 4th we had damage to 8 roads. • We replaced a failed 18” CMP driveway culvert to a 24” HDPE on Hidden Pines Circle. • Replaced 3 failed 12-inch driveway CMP’s to 18” HDPE culverts on Sherwood Forest Road. • Replaced 2 failed 18” driveway CMP’s to 24” HDPE on Mountain View Drive. • Replaced failed 24” driveway CMP to 24” HDPE on Lawrence Road. <p><u>Fall 2018:</u></p> <ul style="list-style-type: none"> • Replaced failed 18”CMP to 24” HDPE on Jericho Road • Replaced failed 108” x 80’ road crossing CMP on Cochran Road.
<p>Action B-2: Drainage Improvements (Town Road Foreman)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • Ditched and rock lined 600 feet on Lawrence Road. • Ditched and rock lined 300 feet on Hidden Pines Circle. • Ditched and rock lined 750 feet on Sherwood Forest Road. • Ditched and rock lined 4500 feet on Wes White Hill Road. • Ditched and rock lined 350 feet on Williams Hill Road. • Obtained funds for East Main Street storm water outfall project to be constructed in Spring-Summer 2019
<p><u>Action B-3: Road Improvement</u> (Town Road Foreman)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • Widened 50 foot section of shoulder on Wes White Hill. • Added 6 inches of ¾ inch plant mix gravel to Lawrence Road. • Excavated and replaced sub base in parking lot of Fire Station. Paved base course asphalt over new sub base. • Excavated 520’ of asphalt sidewalk and replaced with concrete and ADA mats on Baker Street.

<p>CATEGORY C: Implement Roads Stormwater Management Plan to mitigate Severe Rainstorm, Fluvial Erosion and Water Pollution and their associated vulnerabilities of:</p> <ul style="list-style-type: none"> • Damage to new/existing public infrastructure • Impairment of local waterways and Lake Champlain • Budgetary impacts 	
<p>Action (Primary Responsible Entity)</p>	<p>Report on Progress since Plan adoption <i>See Section 5.4 for details on locations identified during Plan development.</i></p>
<p><u>Action C-1 Develop Roads Stormwater Management Plan</u> (Town Road Foreman)</p>	<p><u>Town reports progress as follows:</u></p> <ul style="list-style-type: none"> • The Town applied for and received an MRGP permit from the State in 2018. • The Road Erosion Inventory has been completed with the assistance of the CCRPC.

	<ul style="list-style-type: none"> • Town completed improvements in 2018 on Wes White Hill Road using VTRAN Better Roads grant • See also projects noted in Action B-2. <p>Management plans, capital improvement programs and the formal RSMP will be filed in the coming years pursuant to the requirements of the MRGP which was issued on 1/26/18.</p>
<p><u>Action C-2 Begin Roads Stormwater Management Plan implementation</u> (Town Road Foreman)</p>	<p><u>Town reports progress in 2018 as follows:</u></p> <ul style="list-style-type: none"> • Town applied and received for FY19 Grants-in-Aid funds from DEC-Northwest RPC. Non-MRGP-compliant segments to be repaired in Spring 2019. • MRGP report will be filed in spring 2019.