

TOWN OF RICHMOND

Report: Calendar Year 2020: Progress on Implementation of All-Hazards Mitigation Plan

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To: Selectboard

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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 2020 as follows</u></p> <ul style="list-style-type: none"> • No progress in 2020. Funding opportunities for such a large-scale study are limited according to CCRPC
<p><u>Action A-2: Flood Hazard Mitigation Project Implementation</u> (Town Manager & Town Planner)</p>	<p><u>Town reports progress in 2020 as follows</u></p> <ul style="list-style-type: none"> • 98 Jones Mill Road home elevation project was completed in the spring of 2020. • 54 Jones Mill Road home elevation project: Application was submitted but grant was not received. Town will try again.
<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 2020 as follows:</u></p>

	<ul style="list-style-type: none"> Mountain View Road: replaced (2) 24-inch CMP driveway culverts with 24-inch HDPE culverts Jericho Road: replaced (6) 18-24 inch CMP driveway culverts to HDPE culverts Southview Drive: replaced (1) 36-inch road crossing CMP culvert with 36-inch HDPE culvert Cochran Road: replaced (1) 18” CMP and (1) 24” CMP road crossing culverts to HDPE culverts.
<p>Action B-2: Drainage Improvements (Town Road Foreman)</p>	<p><u>Town reports progress in 2020 as follows:</u></p> <ul style="list-style-type: none"> Using Grants-in-Aid funds, the Town upgraded three (3) one-hundred meter segments on Jericho Road to meet MRGP standards. Segment #30860.1 and segment #30861.1 received stone-lined ditching while segment #30862.1 received both stone-lined ditching and a culvert upgrade. <p>Using municipal funds, the Town also upgraded the following segments on the following roads to meet MRGP standards:</p> <ul style="list-style-type: none"> Four segments on Jericho Road Replaced failed 12” clay pipe storm system outfall on Pleasant Street with 24” HDPE pipe. Greystone Drive – Installed a drywell and rock lined the drywell outfall to minimize erosion. Replaced failed 18” CMP stormwater system on upper Bridge Street with 24” HDPE pipe and 5 new 24” sump catch basins.
<p>Action B-3: Road Improvement (Town Road Foreman)</p>	<p><u>Town reports progress in 2020 as follows:</u></p> <p><u>Non-MRGP related work</u></p> <ul style="list-style-type: none"> Postponed resurfacing until spring of 2021

<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>Action C-1 Develop Roads Stormwater Management Plan (Town Road Foreman)</p>	<p><u>Town reports progress as follows for 2020:</u></p> <ul style="list-style-type: none"> As previously reported, - the CCRPC completed the required Road Erosion Inventory in August 2016; - the State issued the Town its MRGP in 2018; and - the CCRPC along with Town match has funded the preparation of Conceptual Design Estimates for projects to bring non-MRGP-compliant segments up to standards

	<ul style="list-style-type: none"> • , conceptual plans for improvements were developed for (3) 100 meter segments of Huntington Road and (2) 100 meter segments of Hillview Road - With assistance from CCRPC the Town submitted their RSWMP data report to the DEC MRGP portal in advance of the December 31, 2020, deadline.
<p><u>Action C-2 Begin Roads Stormwater Management Plan implementation</u> <u>(Town Road Foreman)</u></p>	<p><u>Town reports progress in 2020 as follows:</u></p> <ul style="list-style-type: none"> • As noted in B-1 above, using a combination of municipal funds and state grants, a total of 4 segments on Jericho Road were brought up to meet MRGP standards to further implement projects identified in the RSWMP.