

APPENDIX H:

Tubbs Brook Infrastructure Resiliency Projects

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Project ID, Location, Reach, Lat/Long	Type of Project	Site Description Including Stressors and Constraints	Project or Strategy Description	Project Priorities			Project Benefits	Costs	Potential Partners & Funding
TB 3 North Pownal Rd Reach M01T1.01 42.80684 N 73.26577 W	Active Restoration Infrastructure Resiliency	A house on the south bank of the Brook is at moderate risk of inundation and fluvial erosion damage. The single row of mature trees protecting the bank are severely undercut and may fall into the channel soon, accelerating erosion and increasing risk to the house.	Monitor the site bank stability and assess risk to the adjacent house. Bank stabilization with riprap may be required to arrest channel migration and protect the house.	Low	Low	Low	Reduce fluvial erosion risk to house. ***Note: this project has been identified for hazard mitigation purposes. The project will not improve channel dynamics or water quality, and thus will not qualify for Vermont State Clean Water Initiative funding***	Low to Moderate	Private Landowner
TB 13 Mt Anthony Rd Segment M01T1.04.C 42.83754 N 73.225479 W	Active Restoration Road Resiliency	The road embankment armor is undermined and trees are leaning. Once the trees fall the embankment will be at increased risk of failure.	Assess the embankment stability and monitor for any slope failure indicators.	Medium	Low	Medium	Protect road from erosion risk. ***Note: this project has been identified for hazard mitigation purposes. The project will not improve channel dynamics or water quality, and thus will not qualify for Vermont State Clean Water Initiative funding***	Low to Moderate	Town of Bennington; VTrans Better Roads