

Department of Homeland Security Federal Emergency Management Agency

General Info

Project #	801112	P/W #	231	Project Type	Estimated Costs
Project Category	D - Water Control Facilities			Applicant	Hardwick, Town of (005-31825-00)
Project Title	N. Main Street Stormwater System			Event	4810DR-VT (4810DR)
Project Size	Small			Declaration Date	8/20/2024
Activity	2/20/2026			Incident Start Date	7/09/2024
Completion Date				Incident End Date	7/11/2024
Process Step	Obligated				

Damage Description and Dimensions

The Disaster # 4810DR, which occurred between 07/09/2024 and 07/11/2024, caused:

Damage #1490953; N. Main Street Stormwater System

General Facility Information:

- **Facility Type:** Sediment, Debris, Retention/Detention Basins
- **Facility:** N Main St Storm Water System
- **Facility Description:** An underground storm water catchment system designed to improve water quality including three pre-treatment separator units with infiltration chambers.
- **Approx. Year Built:** 2022
- **Location Description:** 64 N Main St
- **GPS Latitude/Longitude:** 44.50479, -72.36479
- **Purpose:** Storm water treatment
- **Capacity:** N/A
- **Quantity of Material Deposited by Incident:** N/A

General Damage Information:

- **Date Damaged:** 7/11/2024
- **Cause of Damage:** Riverine flooding

Facility Damage:

Stom water system overflow pipe GPS 44.50479, -72.36479:

- Flow-check valve, 1 each of an 18-inch HDPE, Diameter, destroyed by riverine flooding, 0% work completed.
- Embankment, 59 CY of common fill, 20 FT long x 10 FT wide x 8 FT deep, washed away by riverine flooding, 0% work completed.
- River edge retaining wall, 24 CY of dry laid-up cut stone, 20 FT long x 4 FT wide x 8 FT deep, riverine flooding, 0% work completed.

Final Scope

1490953 N. Main Street Stormwater System

Work to be Completed

The applicant will utilize contract and (or) force account for exterior repairs to “**N. Main Street Stormwater System**” to restore this facility to its pre-disaster design, function and capacity (in-kind) within the existing footprint.

Facility Damage:

- A. Replace 1 each of 18-Inch HDPE Flow Check Valve.
- B. Replace 59 CY of Common Fill.
- C. Replace 24 CY of Dry Laid-Up Cut Stone.

Work to be Completed Total: \$40,824.48

Project Notes:

1. In accordance with FEMA's Simplified Procedures, the project scope was developed from Applicant provided information and will be certified using the Small Permanent Work Project Certifications and Acknowledgements form.
2. The Cost Estimate was developed by FEMA by using RS Means Year 2025 Quarter 2 from VERMONT / ST. JOHNSBURY (058). See attachment labeled: ST801112 - DR4810VT -Cost Estimate.xlsx.
3. All borrow or fill material must come from pre-existing stockpiles, material reclaimed from maintained roadside ditches (provided the designed width or depth of the ditch is not increased), or commercially procured material from a source existing prior to the event. For any FEMA-funded project requiring the use of a non-commercial source or a commercial source that was not permitted to operate prior to the event (e.g. a new pit, agricultural fields, road ROWs, etc.) in whole or in part, regardless of cost, the Applicant must notify FEMA and the Recipient prior to extracting material. FEMA must review the source for compliance with all applicable federal environmental planning and historic preservation laws and executive orders prior to a subrecipient or their contractor commencing borrow extraction. Consultation and regulatory permitting may be required. Non-compliance with this requirement may jeopardize receipt of federal funding. Documentation of borrow sources utilized is required at closeout.