

PA-01-VT-4720-PW-00732(0) <u>P</u>	
Applicant Name:	Application Title:
RICHMOND (TOWN OF)	743425 - damage to road path caused by severe flooding.
Period of Performance Start:	Period of Performance End:
07-14-2023	01-14-2025

Bundle Reference # (Amendment #)	Date Awarded
PA-01-VT-4720-PW-00732(644)	08-01-2024

Subgrant Application - FEMA Form 90-91

Note: The Effective Cost Share for this application is 75%

FEDERAL EMERGENCY MANAGEMENT AGENCY PROJECT WORKSHEET					
DISASTER		PROJECT NO.	PA ID NO.	DATE	CATEGORY
FEMA	4720 - DR -VT	743425	007-59275-00	07-10-2024	G
APPLICANT: RICHMOND (TOWN OF)			WORK COMPLETE AS OF: 07-10-2024 : 0 %		
Site 1 of 1					
DAMAGED FACILITY: Damage #1353463; Old Jericho Road			COUNTY: Chittenden		
LOCATION: PA-01-VT-4720-PW-00732(0): Old Jerico Road Trail (44.41870, -72.98920) Current Version:				LATITUDE: 44.4187	LONGITUDE: -72.98919
DAMAGE DESCRIPTION AND DIMENSIONS: PA-01-VT-4720-PW-00732(0): The Disaster #4720DR, which occurred between 7/7/2023 and 7/21/2023 , caused: Damage #1353463; Old Jericho Road General Facility Information: Facility Type: Parks, Cemeteries, and Recreational Facilities Facility: Old Jericho Road Trail Facility Description: 1 mile long x 5 feet wide walking, bicycling, snowmobiling trail Approx. Year Built: 1900 Location Description: Old Jerico Road Trail (44.41870, -72.98920) Start GPS Latitude/Longitude: 44.41870, -72.98919 End GPS Latitude/Longitude: 44.42021, -72.98046 General Damage Information: Date Damaged: 7/7/2023 to 7/21/2023 Cause of Damage: High velocity flood waters overtopped the trail and washed away the surface and base aggregate.					

Facility Damage: 01 - Old Jerico Road Trail (44.41908, -72.98838): Trail, 2.814 CY of 1 1/2 IN Gravel, (19 FT L x 8 FT W x 6 IN D = 76 / 27 = 2.814 CY), High velocity flood waters overtopped the trail and washed away the surface gravel, 0% work completed.

02 - Old Jerico Road Trail (44.41926, -72.98539): Trail, 48.14 CY of 1 1/2 IN Gravel, (130 FT L x 20 FT W x 6 IN D = 1,300 / 27 = 48.14 CY), High velocity flood waters overtopped the trail and washed away the surface gravel., 0% work completed.

03 - Old Jerico Road Trail (44.41928, -72.98307): Trail Shoulder, 13.66 CY of 1 1/2 IN Gravel, (82 FT L x 9 FT W x 6 IN D = 369 / 27 =13.66 CY), High velocity flood waters overtopped the trail and washed away the shoulder gravel., 0% work completed.

Trail Embankment, 164 CY of 8 IN Stone, (82 FT L x 9 FT W x 12 FT D = 8,856 / 27 = 328 / 2 = 164 CY), High velocity flood waters overtopped the trail and washed away the embankment stone., 0% work completed.

04 - Old Jerico Road Trail (44.42008, -72.98111): Foot Bridge, 1 each of Wood, 30 FT long x 5 FT wide, High velocity flood waters overtopped the trail and caused the foot bridge to collapse., 0% work completed.

Foot Bridge, 10 each of 4 IN x 4 IN Posts, Wood, High velocity flood waters overtopped the trail causing the foot bridge to collapse., 0% work completed.

Foot Bridge (west side), 3 each of 8 IN Rock, Gabion boxes, 6 FT long x 3 FT wide x 3 FT high, High velocity flood waters overtopped the trail causing the gabion rock boxes to dislodge, 0% work completed.

05 - Old Jerico Road Trail (S: 44.42004, -72.98081): Trail, 6.833 CY of 1 1/2 IN Gravel, (123 FT L x 3 FT W x 6 IN D = 184.5 / 27 = 6.833 CY), High velocity flood waters overtopped the trail and washed away the surface gravel., 0% work completed.

Trail, 6.833 CY of 8 IN Stone, (123 FT L x 3 FT W x 6 IN D = 184.5 / 27 = 6.833 CY), High velocity flood waters overtopped the trail and washed away the base stone., 0% work completed.

Current Version:

SCOPE OF WORK:

PA-01-VT-4720-PW-00732(0):
1353463 Old Jericho Road
Work to be Completed

The applicant will utilize contracts for repairs to Old Jericho Road to restore facilities back to pre-disaster design, function, and capacity (in-kind) within the existing footprint.

01 - Old Jerico Road Trail (44.41908, -72.98838)

A. Replace 2.814 CY of 1.5 IN trail surface gravel.

02 - Old Jerico Road Trail (44.41926, -72.98539)

A. Replace 48.14 CY of 1.5 IN trail surface gravel.

03 - Old Jerico Road Trail (44.41928, -72.98307)

A. Replace 13.66 CY of 1.5 IN trail shoulder gravel.

B. Replace 164 CY of 8 IN trail embankment stone.

04 - Old Jerico Road Trail (44.42008, -72.98111)

A. Remove and replace 1 each of wood footbridge, 30 FT long x 5 FT wide.

B. Remove and replace 10 each of wood footbridge posts, 4 IN x 4 IN (see Project Note #3).

C. Remove and replace 3 each of wood footbridge gabion boxes, 8 IN rock, 6 FT long x 3 FT wide x 3 FT high.

05 - Old Jerico Road Trail (S: 44.42004, -72.98081)

- A. Replace 6.833 CY of 1.5 IN trail surface gravel.
- B. Replace 6.833 CY of 8 IN trail base stone.

Work to be Completed Total: \$109,401.36

Cost Estimating Format Total: \$182,427.24

Project Notes

1. In accordance with FEMA's Simplified Procedures, the project scope and cost estimate were developed from RSMeans Year 2024 Quarter 2 Vermont / Burlington (054) Cost Data and is certified by the Applicant using the Small Permanent Work Project Certifications and Acknowledgements form. See attachment labeled ST743425 - DR4720VT - CEF.xlsx.
2. A Cost Estimating Format (CEF) has been created for this project. See attachment labeled ST743425 - DR4720VT - CEF.xlsx.
3. While this project falls below the new large project threshold, the Applicant will incur additional soft cost associated with this project that are not covered in the Part A base cost, therefore, the respective CEF Factors have been applied in order to cover these eligible PA cost. Per Stafford Act Section 422 Simplified Procedures Final Rule, FEMA may use CEF factors on small projects as necessary: due to project complexities.
4. The damaged wood footbridge posts measure 8 FT long each according to the site inspection report. See attachment labeled DR-4720-VT - Town of Richmond - WO#94193 - DI#1353463 - Site Inspection Report.pdf.
5. 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 finding. Documentation of borrow sources utilized is required at closeout.

Current Version:

Does the Scope of Work change the pre-disaster conditions at the site? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Special Considerations included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Hazard Mitigation proposal included? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Is there insurance coverage on this facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PROJECT COST					
ITEM	CODE	NARRATIVE	QUANTITY/UNIT	UNIT PRICE	COST
		*** Version 0 ***			
		Work To Be Completed			
1	9000	CEF Cost Estimate (See Attached Spreadsheet)	1/LS	\$ 182,427.24	\$ 182,427.24
				TOTAL COST	\$ 182,427.24
				Version Project Cost	\$ 182,427.24

PREPARED BY TIMOTHY L JOHNSON	TITLE PDMG	SIGNATURE
APPLICANT REP. Josh Arneson	TITLE Town Manager	SIGNATURE

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