



Town of Bristol
1 South Street
P.O. Box 249
Bristol, VT 05443
(802) 453-2410
town@bristolvt.org
www.bristolvt.org

INVITATION TO BID FOR 2019 SIDEWALK RECONSTRUCTION

The Town of Bristol is requesting bids for the **replacement of approximately 530 linear feet of sidewalk** in on Mountain Street between Garfield and Spring Street. The sidewalk sections are currently four feet (4') wide and many are deteriorated and/or have depressions, which create trip hazards, pool water, and interfere with winter maintenance operations. The replaced sidewalks should be five feet (5') wide wherever possible. This is a major school route and the project must be completed before the August 27, 2019 start of school.

This year, an alternative bid option has been included if Bristol's Department of Public Works will be responsible for preparing the site and base materials for forms and the concrete.

I. SCOPE OF WORK

1. The existing sidewalk is to be removed and disposed of at the Town Garage.
2. Areas of sidewalk with depressions are to be elevated to eliminate pooling/ponding of water.
3. Areas of property owners' yards and roadside green strips that meet the edge of the new sidewalk are to be graded to ensure smooth transitions and of sufficient material and compaction to ensure vegetation regrowth and minimize settling.
4. Bids should be submitted per linear foot for a five-foot wide sidewalk. Bidders will be asked to provide an alternative bid to reflect the price if the Town provides the preparatory materials, grading, and compaction.
5. Provide a schedule for when the project can be expected to begin and the estimated length of time to complete.

ANTICIPATED PROJECT SCHEDULE

Request for Bids issued	July 12, 2019
Bids due	July 31, 2019
Selectboard awards contract	August 5, 2019

II. RESPONSIBILITIES

1. Town:
 - a) Contact abutting property owners about the scope of the project and provide contact information to the Contractor. Residents will be urged to contact the Town or Contractor to discuss any concerns.
 - b) Coordinate with the Tree Warden regarding the removal of trees and/or roots or other vegetation that impact and/or are impacted by the sidewalk replacement.
 - c) Remove and dispose of existing sections of sidewalk.
 - d) Provide gravel to the site.
 - e) Make payment to the Contractor in a timely manner after the invoice is submitted and the work has been deemed to be satisfactory. Invoices are paid by the Town every two weeks following approval of warrants at Selectboard meetings.
2. Contractor:
 - a) Prepare and compact the base material.
ALTERNATIVELY: Provide an alternative bid price if the Town elects to provide this preparation, in which case, the one-year warranty associated with adequacy of drainage in paragraph IV.5 would not apply.
 - b) Provide all forms, materials, tools, supplies and labor needed for the job.
 - c) Provide, pour, and finish concrete and warranty the concrete against any defects for one year from the date of completion and acceptance by the Town.
 - d) Provide all necessary traffic control appropriate to the situation, pedestrian or otherwise, while complying with MUTCD standards.
 - e) Make arrangements with homeowners for parking and/or access when working across their driveways.
 - f) Protect the newly poured concrete from vandalism.
 - g) Be cautious of survey pegs and if disturbed it is the Contractor's sole responsibility to work with the landowner or surveyor to replace the pin.
 - h) Keep the site and adjacent areas free from accumulation of waste materials caused by the operation and must keep tools, equipment, machinery, etc. suitably stored when not in use.
 - i) The project must be completed before Tuesday, August 27, 2019, which is the start of school.

III. SPECIFICATIONS

1. All old concrete sidewalk, dirt, asphalt and roots in the project area shall be removed. A minimum of six inches (6") of crushed gravel, ¾" to 1½", shall be placed for base for replacement sidewalk sections. New sidewalk sections will be excavated a minimum of 12 – 24 inches (depth to be determined by the Public Works Foreman during excavation), and refilled with crushed gravel base material, ¾" to 1 ½". Crushed gravel for base material will be provided to the contractor from the Town's gravel supplies. Base materials will be

compacted in 3-inch lifts to 90% compaction. The finished sidewalk height shall be blended into existing sidewalks at starting and finishing point to avoid creating a tripping hazard.

2. There may be some places where the width or alignment of the sidewalk may need to be varied due to proximity of large trees or other immovable features, such as fire hydrants or utility poles. Details of width and lines in these locations shall be worked out with the Public Works Foreman and/or the Tree Warden in advance of setting forms.
3. All forms to be metal.
4. Finished surface of sidewalk to pitch one quarter inch ($\frac{1}{4}$ ") per foot toward the street to assure good drainage.
5. Concrete shall be rated for a minimum of 4,000 lbs. Contractor shall use a Class B mix using clean aggregates only.
6. Sidewalk widths shall be five feet per section, except as adjusted per III.2, above.
7. Minimum thickness of concrete shall be four inches (4").
8. Minimum thickness of concrete at all driveway crossings shall be increased to six inches (6").
9. Sidewalk shall be creased every five feet (60") and edged continuously.
10. Surface of sidewalk to be hand worked and shall be "broom" finished by hand (not by machine). The length of pours must be no greater than the ability of the crew to adequately finish them without having to add water, as adding water to the surface can create a thin layer that may eventually scale.
11. The concrete should be air entrenched at least 6%. The more air the more room for aggregates to expand during freezing.
12. The concrete shall be sealed once it has had a chance to fully cure, with a product approved by the Town.
13. After forms are removed, all lawn areas are to be top soiled, seeded, and mulched. Driveways and private walkways are to be returned to previous condition with appropriate material to match existing materials and blended neatly with the new sidewalk.
14. Areas of property owners' yards and roadside green strips that meet the edge of the new sidewalk are to be graded to ensure smooth transitions and of sufficient material and compaction to ensure vegetation regrowth and minimize settling.

15. Truncated domes should be installed at intersections.
16. See the attached Illustrative Photos for more information.

IV. GENERAL REQUIREMENTS

1. The Contractor will be required to provide the Town with a proof of general liability insurance of a \$1,000,000 per each occurrence, with the Town listed as additional insured, a W-9, and worker's comp if applicable.
2. The Contractor shall meet with the Public Works Foreman for a pre-construction meeting prior to commencement of the project.
3. Any disputes as to quality of workmanship and specifications shall be governed by the Vermont Agency of Transportation's General Specifications (Section 03301) Curb and Sidewalk.
4. The Town reserves the right to test any materials to assure they meet specifications.
5. The Contractor shall provide a one year warranty on all workmanship, including durability of installed materials, adequacy of grades to improve or ensure proper drainage*, and sufficiency of grading and seeding.

* Adequacy of drainage would not be included if the Town elects to prepare the excavation and base.

6. The Contractor shall be responsible for making him/herself familiar with site conditions prior to submitting the bid, and no allowances shall be made in the contract for having failed to do so.
7. The Town, by its Selectboard, reserves the right to reject any or all bids and to accept any bid deemed by it to be in the best interests of the Town of Bristol.
8. The contractor agrees to indemnify, defend, and hold harmless the Town of Bristol and its officers and staff from all costs, claims, damages, liabilities, settlements and judgments that arise out of any breach of contract, negligence or wrongful act or omission of the contractor, or failure of the contractor to comply with state or federal law.
9. This contract may be terminated by either party with five days written notice without cause. If the contracted work is not complete, the Town will pay the Contractor only for the portion of completed work.

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10. The Contractor is required to contact Dig Safe and any non-participating utilities, including the Town of Bristol Water Department.
11. The project must be completed before Tuesday, August 27, 2019, which is the start of school.

Questions? Contact Public Works Foreman Eric Cota at (802) 453-4707 or bristolhighway@gmavt.net or Administrative Assistant Sharon Lucia at (802) 453-2410 or town@bristolvt.org.

Bids will be accepted until **4:00pm, Wednesday, July 31, 2019** by e-mail to town@bristolvt.org with “Sidewalk Bid” in the subject line or by mail or hand delivery with “Sidewalk Bid” on the envelope to:

Town of Bristol
1 South Street
P.O. Box 249
Bristol, VT 05443

The Town of Bristol is an equal opportunity provider and employer and does not discriminate on the basis of race, color, national origin, age, disability, religion, gender, or familial status.



Figure 1. Mountain Street at Garfield Street. Truncated dome needed.



Figure 2. Mountain Street, facing north.



Figure 3. Mountain Street. Sidewalk will need to be elevated to eliminate ponding.



Figure 4. Mountain Street, facing north.



Figure 5. Mountain Street, facing north.

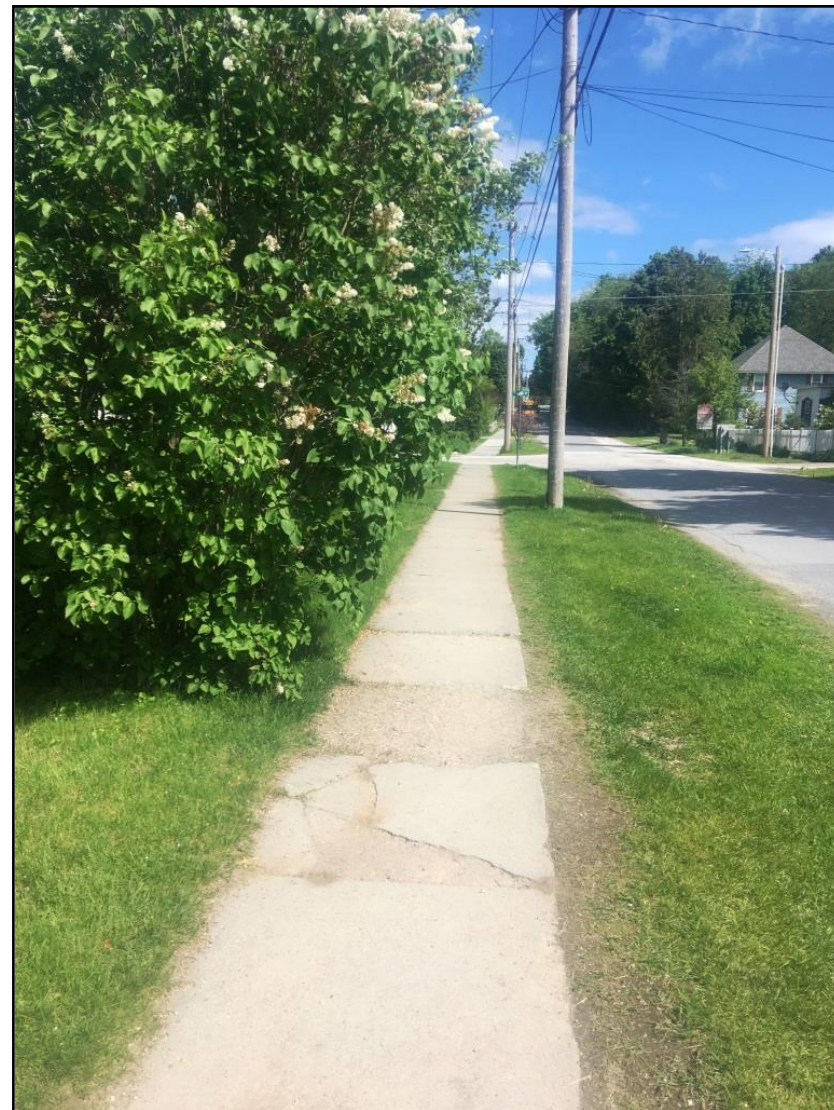


Figure 6. Mountain Street, facing north.



Figure 7. Mountain Street at Spring Street, facing south. Truncated dome needed.

**TOWN OF BRISTOL
2018 SIDEWALK RECONSTRUCTION
BID FORM**

Name of Firm: _____

Address: _____

Phone(s): _____

E-mail: _____

Contact Pers.: _____

Price per linear foot concrete sidewalk:	5' wide x 4" depth	5' wide x 6" depth at driveways
If excavation and base by Contractor		
If excavation and base by Town		

Anticipated start date: _____ Completion date: _____

Please indicate any conditions or special circumstances that would necessitate any additional charges: _____

The signature below represents the contractor's acknowledgement that this is an agreement and he/she agrees to the conditions as stated above.

Signature: _____ Date: _____

NOTE: Please mark sealed bid envelope or E-mail subject line as "SIDEWALK BID."