

# TOWN OF CASTLETON

## REQUEST FOR BID 2024-25 PAVING

**Amendment #1 – April 29, 2024**



**Paving Invitation to Bid**  
**2024-2025**  
**Amendment #1 – April 29, 2024**

The Town of Castleton Select Board is seeking bids for fiscal year 2024-2025 for Paving.

**Asphalt Price Adjustment:**

1. This specification contains price adjustment provisions for asphalt cement used in the production of bituminous concrete pavement. The price adjustment is compensation to the contractor or payment to the Town depending on increase or decrease in the average price of asphalt cement during this project.
2. It is understood by the contractor that a price adjustment increase may require the Town to decrease the quintiles of the pay items in this contract in order to stay within budget.
3. The contractor hereby agrees that its bid prices for this contract include no allowances for any contingencies to cover increased costs for which adjustment is provide herein
4. The contract index price (IP) will be the most recent index price set by the Vermont Agency of Transportation at the time of the Bid Opening.
5. The posted price (PP) for a ton of asphalt cement will be set monthly by the Vermont Agency of Transportation. The contract posted price will be determined by individual roadway as the price in the month that paving begins on that roadway. [rptCMSAsphaltPriceAdjustment \(vermont.gov\)](https://www.vermont.gov/rptCMSAsphaltPriceAdjustment)
6. The price adjustment will be paid or credited for asphalt cement only when the posted price of asphalt cement increases or decreases over its respective Index Price. The complete adjustment will be paid with no deduction of the 5% from either upward or downward adjustments. The contractor will provide from the supplier the total actual asphalt cement added (tons) per roadway (QAC) based on batch tickets, excluding any percent of asphalt cement from Recycled Asphalt Pavement.
7. The price adjustment shall be calculated for individual roadways and credited or debited on the final closeout invoice.
8. The price adjustment to be paid shall be calculated as follows:  $PA = \{QAC \times (PP - IP)$



**Town of Castleton  
Road Commissioner**  
263 VT Route 30N  
Bomoseen, VT 05732  
[manager@castletonvt.org](mailto:manager@castletonvt.org)

*Public Works Department*

[phone] 802-468-5319 ext 203  
[fMobile] 802-779-8393

## **SCOPE OF WORK**

### **Amendment #1 – April 29, 2024**

Paving project on Blissville Road in the Town of Castleton from the Castleton/Poultney town line on Blissville Road ~~south side of the intersection of Blissville Road and Rice Willis Road & River Street~~, paved in a northerly direction to 25 feet before the railroad tracks at the intersection of Depot Terrace and commencing from 25-feet from the north side of the railroad tracks to Route 4A. The end point shall be 25-feet from the center of Route 4A, paving the arc of the existing apron width at 25-feet from the centerline.

The project consists of approximately 1.40 miles of an average depth of **three-quarter inch (0.75")**, **full road width leveling course** and a **one and one-quarter (1.25")** overlay (surface/riding) course to be applied full-road width.

Project also to include milling the entire paving project limits. Milling depth of one and one-half inches (1.5") for an average road width of **twenty-eight three feet (23')**. ~~The contractor~~ **Town shall be responsible for backing up gravel shoulders where necessary. The contractor shall be responsible to back up paved driveways with the same mix type to an average apron length (depth) of two feet (or back far enough to decrease the angle to enter the roadway and not have a car bottom out or bumper drag).** The designated paving and milling locations will be marked out in the field by the Town.

The project shall comply with the SuperPave specifications found in the 2024 version of the VTrans Standard Specifications for Construction.

[https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20\(2009%20MUTCD\).pdf](https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20(2009%20MUTCD).pdf)

**Note:** All work shall be complete by **Monday, September 30, 2024**. Should any work commence prior to the start of the new Fiscal Year (July 1, 2024), the contractor shall hold any invoices until after July 1, 2024.



## SITE & DESCRIPTION

### Amendment #1 – April 29, 2024

**Location:** Blissville Road in the town of Castleton.

#### Description of Work:

1. The total anticipated surface course (overlay) is approximately 1.40 miles but may be shortened/lengthened to accommodate budgeted project allotment. The contractor shall be advised that the area to be overlaid is for continuous work.
2. All work shall be done to the satisfaction of the Town representative and shall comply with, to the extent possible, the 2024 version of the Vermont Agency of Transportation's Standard Specifications for Construction for SuperPave requirements:  
[https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20\(2009%20MUTCD\).pdf](https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20(2009%20MUTCD).pdf) and all attachments as well as any other State, Federal, and Agency Standards, Policies, and Specifications.
3. Two (2) weeks prior to the commencement of the project, the contractor shall provide the Town of Castleton representative with a VTrans (Agency of Transportation) approved mix design. The HMA producer must supply the contractor with an Agency approved mix design before construction may begin.
4. The contractor shall prepare the surface for paving by removing any foreign debris or deleterious material from the road surface either by mechanical broom or hand equipment. This may include the removal of shoulder berm (winter sand buildup) which may require a mechanical bucket or small mid mount tractor grader.
5. Prior to placing asphalt, emulsion shall be applied evenly at a rate of 0.06 - 0.08 gal/SY over existing pavement and at a rate of 0.08 – 0.10 gal/SY on cold-planed surfaces.
6. Compacted average leveling depth (Shim) shall be ~~one and~~ **three-quarters inch (0.75") full road width. in a single lift.** The specified mix shall be Type IVS 50 gyration Superpave with PG58S-28 binder.
7. The **surface/riding course** shall be a compacted a **one and one-quarter (1.25")** overlay to be applied full-road width.
8. All butt joints shall have a minimum 10 -foot cold plane taper (1.50"- zero). Cold planing (fine milling) is a separate bid item. Unless otherwise agreed upon with the Town, the contractor shall be responsible for hauling away the milled pavement to a location pre-determined by the Town.
9. Lap Joints - a strip of one (1) inch deep and 36-inch-wide minimum shall be cold planed the width of the roadway where needed to avoid butt joints. Lap joints are required where the new pavement meets existing crossroads and streets.
10. The Town shall be responsible for any height adjustments needed for sewer infrastructure and the highway foreman shall be responsible to coordinate with Fire District #3 to notify them of the paving project so their operator can make any height adjustments to their infrastructure, as required.
11. Line Striping Targets (LSTs) are a separate bid item. The Town will attempt to coordinate the line striping each working day. If scheduling conflicts exist, dual yellow LSTs shall be installed daily on new pavement where pavement markings do not remain **and applied in milled areas and**

~~the center line is no longer visible.~~ The LSTs will delineate the centerline. LSTs shall be placed at a minimum of every 10 feet and closer as road geometry dictates. LST's shall not be nailed or have any other mechanical fastener used to hold them in place.

~~Temporary four inch (4") yellow line paint is a separate bid item. The Town will attempt to coordinate with VTrans District #3 for line striping each working day. If scheduling conflicts exist, the contractor will be responsible for painting temporary 4" yellow lines on surfaces that are milled and where no paint markings exist.~~

12. Aggregate shoulders are a separate bid item. The contractor shall be responsible for backing up shoulders and gravel drives to a width of two feet (2"). Pavement millings are a suitable material for this bid item.

13. All traffic control necessary to perform all operations within this project is the responsibility of the contractor and is required to meet all MUTCD requirements. Costs for traffic control shall be a separate bid item.

14. Construction will be performed in such a way as to minimize conflicts with normal highway traffic. When two-way traffic cannot be maintained, a sign package that conforms to the MUTCD and trained Flaggers shall be provided.

15. The contractor shall rake down/taper new pavement at all driveways/accesses and intersecting roads to the existing shoulder width. There will be no paved aprons.

16. No traffic will be permitted on material placed until the material has been thoroughly compacted and has cooled to **140 degrees Fahrenheit or lower.**

~~17. All work shall be complete by September 30, 2024.~~

## **Paving Bid Specifications: Amendment #1 – April 29, 2024**

All work shall be in accordance with Vermont AOT Standards.

1. The Mixing Plant shall conform to Vermont AOT SuperPave Standards. [https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20\(2009%20MUTCD\).pdf](https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20(2009%20MUTCD).pdf)

2. The Asphalt Cement, Aggregate for the base course mix and the Aggregate or the Surface course mix shall be in accordance with Vermont AOT SuperPave Standards. [https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20\(2009%20MUTCD\).pdf](https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20(2009%20MUTCD).pdf)

3. The **Leveling Course (Shim)** pavement shall be in accordance with Vermont VOT SuperPave standards for Type IV.

4. The **Surface Course** pavement shall be **in accordance with Vermont VOT** SuperPave standards for Type IV (The specified mix shall be Type IVS 50 gyration Superpave with PG58S-28 binder).

5. Prior to placing asphalt, emulsion shall be applied evenly at a rate of 0.06 - 0.08 gal/SY over existing pavement and at a rate of 0.08 – 0.10 gal/SY on cold-planed surfaces. Emulsified asphalt tack coat shall be a grade RS-1, RS-1h, CRS1, or CRS-1h emulsified asphalt. application rate shall be as specified in Table 404.06A.



TABLE 404.06A – EMULSIFIED ASPHALT APPLICATION RATE

| Surface Type Application       | Rate (gal/SY)    |
|--------------------------------|------------------|
| Surface Type                   | Application Rate |
| Existing bituminous concrete   | 0.060 – 0.080    |
| Coarse- or fine-milled surface | 0.080 – 0.100    |

6. No mix will be accepted that has a temperature of less than **250 degrees Fahrenheit** when it enters the paver.

## COORDINATION/SPECIFIC INSTRUCTIONS

### **Amendment #1 – April 29, 2024**

1. Contractors to provide signs and traffic control in accordance with the MUTCD.
2. Traffic flow to be maintained as practical. Equipment or traffic will not be allowed on the emulsion treated surface until the emulsion has fully cured and the treatment will not “pick up” under traffic, or as directed by the Engineer or Foreman.
3. Contractor to report daily to road foreman total tons of asphalt spread to date. A load ticket shall be supplied for each load of bituminous material such that the weight of actual project usage can be determined.
4. Contractor shall provide the highway foreman with a paving schedule prior to work commencing and is agreed upon between the two parties. The schedule will be confirmed on a daily basis between the contractor and highway foreman.
5. Saturday work shall be requested 48 hours prior to the actual workday and if approved the Town shall commit to providing an inspector.
6. For major holidays, the contractor must be clear of the road by noon on Friday prior to the holiday. The contractor is not allowed back on the road until 7:00 AM Tuesday following the holiday.
7. Paving can only occur on days the pavement is **50 degrees Fahrenheit and rising**, and the surface is not wet or frozen.
8. Paving bid shall be submitted on the form provided. This shows the price per ton and the number of tons by road on the bid sheet.
9. A Certificate of Liability Insurance with the Town as additionally insured, and Worker's Compensation must be included with the bid.
10. Paving must be completed between **July 1st 2024 and September 30, 2024**,
11. The Select Board at their next meeting following completion of all paving will authorize payment.
12. The paving shall not begin or continue during extreme weather conditions and shall be coordinated with the Road Commissioner or his designee.
13. The Town or its Designee shall perform any testing.
14. Rollers shall not be stopped or parked on the freshly placed mat.
15. Compaction of all pavement shall be done with a **pneumatic rubber tire for base coat and a minimum of 10-12-ton drum for topcoat.**
16. All work shall be complete by **September 30, 2024.**

Please contact Michael Jones, Road Commissioner for any bid-related questions, at (802) 468-5319 ext., 203. Contact Highway Foreman Jeff Davidson at, (802) 345-0598 or [dpwforeman@castletonvt.org](mailto:dpwforeman@castletonvt.org) with any questions related to the project area or the non-mandatory site visits.

**2024-2025 PAVING INVITATION TO BID**



## BIDDING INSTRUCTIONS & BID AWARDS

### **Amendment #1 – April 29, 2024**

#### **BID SUBMISSION**

Mark on the outside of the envelope with: "**Paving Bid 2024-25**" and either mailed to Michael Jones, Town Manager, Town of Castleton, 263 Route 30N, Bomoseen, VT 05735 or hand delivered to the same address on or before **Thursday May 9<sup>th</sup> 2024 at 12:00PM**.

#### **PRE-BID MEETING**

There will be a **non-mandatory pre-bid meeting on Monday April 22, 2024 at 9:00 AM and an alternate date on Wednesday April 24th at 7:30 AM**. Contractors only need to attend one of the meetings. Contact DPW Foreman, Jeff Davidson, if you have any questions or concerns making a meeting. He can be reached at, (802) 345-0598 or email, [dpwforeman@castletonvt.org](mailto:dpwforeman@castletonvt.org). Meet at the Highway Garage located at 273 Staso Rd, Castleton.

#### **BID OPENING & AWARD**

Bids will be opened on **Thursday May 9, 2024 at 12:05 PM** and read aloud. **The bids will be considered by the Selectboard at the 05/13/24 regularly scheduled meeting.**

The Town reserves the right to reject any and all bids when deemed to be in the best interest of the Town.

#### **METHOD OF PAYMENT**

Payment for work under this agreement shall be made at the contract unit price per square yard and per ton times the number square yard and tons, measured by the Contractor and the Town or his/her designee. Upon completion of work and acceptance by the Town, the Contractor shall submit a payment request to the Town.

#### **Notes:**

Bids will be judged/compared on a per-ton basis.

The bid price will carry for the entire 2024-2025 construction season.

**All work and materials shall be guaranteed for one (1) year after final payment.**

Please contact Michael Jones, Road Commissioner for any bid related questions, at (802) 468-5319 ext., 203. Contact Highway Foreman Jeff Davidson at, (802) 345-0598 or [dpwforeman@castletonvt.org](mailto:dpwforeman@castletonvt.org) with any questions related to the project area or the non-mandatory site visits.



**BID FORM  
TOWN OF CASTLETON  
PAVING 2024-2025**

**Amendment #1 – April 29, 2024**

Blissville Road - from the south side of the intersection of Blissville Road and Rice Willis Road & River Street, pave in a northerly direction to 25-feet before the railroad tracks at the intersection of Depot Terrace and from 25-feet north of the railroad tracks to VT Route 4A.

\*Includes Sweeping, application of tack coat, installation of an average 0.75” leveling course (Shim) and 1.25” surface course (overlay) and Overlay with Hot Mix Asphalt meeting the Vermont Agency of Transportation SuperPave specifications. Provide Signs and Traffic Control meeting current MUTCD standards. [https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20\(2009%20MUTCD\).pdf](https://outside.vermont.gov/agency/VTRANS/external/docs/construction/02ConstrServ/PreContract/2024%20Spec%20Book/2024%20Standard%20Specifications%20for%20Construction%20(2009%20MUTCD).pdf)

\*Cold Planing: 2” depth milling of existing pavement to Include: Trucking, Trimming, Sweeping and Traffic Control,

**NO MILLING**

Price per ton in place \$ \_\_\_\_\_/ton. Total Tonnage \_\_\_\_\_ Total amount \$ \_\_\_\_\_  
(Not to Exceed)

**PAVING WITH MILLING:**

Price per ton in place \$ \_\_\_\_\_/ton. Total Tonnage \_\_\_\_\_  
Milling Cost Sq/Yd \$ \_\_\_\_\_ # Sq/Yds: \_\_\_\_\_ Total Milling Costs: \_\_\_\_\_  
Total amount \$ \_\_\_\_\_.  
(Not to Exceed)

**Hand Work** (Price per ton) for driveway aprons:

Price per ton in place \$ \_\_\_\_\_/ton. Total Tonnage \_\_\_\_\_  
Total cost: \_\_\_\_\_ to be added to chosen method above for total.

**Line Striping Targets (LSTs):**

Price for entire paved distance: \$ \_\_\_\_\_

**Traffic Control:**

Price for traffic control: \$ \_\_\_\_\_

**TOTAL BID AMOUNT WITH MILLING: \$ \_\_\_\_\_ WITHOUT MILLING \$ \_\_\_\_\_**  
(Not to Exceed) (Not to Exceed)

**The undersigned** certifies that under penalties of perjury that his bid is in all aspect bona fide, fair and made without collusion or fraud with any other person.

\_\_\_\_\_  
**Printed Name & Title of Authorized Representative**

\_\_\_\_\_  
Date

Company Name: \_\_\_\_\_ Address \_\_\_\_\_

\_\_\_\_\_  
Signature of Authorized Person

\_\_\_\_\_  
Phone #