
DATE: 5/1/2019

RE: Shaftsbury Hollow Road Project.

Town of Shaftsbury is requesting bid proposals for Shaftsbury Hollow Road Project. All work will be accomplished in accordance with the provisions set forth in this Request for Proposals (RFP), approved and accepted town standards, and all applicable Federal, State and local regulations.

Lump Sum proposals are being requested from three (3) or more contractors. Completed proposals will be considered as detailed within the project Special Provisions and work assignment selection made accordingly.

All questions related to this RFP shall be forwarded to Mike Yannotti DPW Foreman, by phone at 802-442-9838, in writing to the address above, by e-mail at DPW@Shaftsburyvt.gov

**Shaftsbury Hollow Road Project
BID PROPOSAL FORM**

PROJECT: _____

Proposal of _____

Name

Address

to furnish the necessary labor, equipment and material to perform all work in accordance with the plans, special provisions, and the description of construction as contained herein, for the Shaftsbury Highway Road Projects project on which proposals will be received **until 3:00 pm EST, May 13th 2019 at the office of Town of Shaftsbury. Bids will be opened at a Shaftsbury Select Board Meeting on or before May 20th 2019 at Cole Hall.** The time of opening bids may be postponed by Town of Shaftsbury due to emergencies or unforeseen conditions. This project is situated as follows:

Project sites:

- Shaftsbury Hollow RD Section 1
- Shaftsbury Hollow RD Section 2
- Shaftsbury Hollow RD Section 3

CONSTRUCTION BEING:

Shaftsbury Hollow RD Section 1: Install 2 8'x30' French Mattresses (drawing Included). 400' of ditching. Removal of 4 small trees. 350' of berm removal opposite side of roadway. Seed and mulch all ditches.

Shaftsbury Hollow RD Section 2: 550' of ditching to existing 18" cross culvert. 60' of ditching to existing 6' culvert. 350' of berm removal opposite side of roadway. Removal of 6 trees. Seed and mulch all ditches.

Shaftsbury Hollow RD Section 3: 500' of stone lined ditch. 600' of regular ditching. Install 1 French Mattress 8' x 30'. Removal 12 trees. Seed and mulch all unlined ditches.

All Sites will be staked and flagged.

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BID PROPOSAL FORM
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NOTES:

1. The completion date for this work shall be on or before **Friday June 21st 2019** for the complete and accepted work.
2. All communications will go through the Town Highway Foreman Mike Yannotti. Any question(s) posed during the bidding process will be distributed electronically to all bidders in a question - answer format.
3. There will be a pre bid meeting held at the **Shaftsbury Hollow RD at 7:30 on Wednesday May 8th 2019. Attendance is mandatory.**
4. Contractor must complete work in accordance with specifications contained in Vermont's Better Backroads Manual.
5. Any damage caused by the Contractor's operations will be repaired by the Contractor at the Contractor's expense.
6. If multiple bids are submitted from any one contractor, the last bid submitted prior to the submitted by date and time will be considered the official bid. All previously submitted bids will not be opened and will be returned.
7. All item quantities are estimates and the Town of Shaftsbury does not guarantee estimated quantities will be used.
8. All Contractors performing work for the Town of Shaftsbury must provide a certificate of insurance for liability and workman's comp.
9. The Town of Shaftsbury reserves the right to reject any or all bids/proposals received, to negotiate with any qualified source, or to cancel in part or in its entirety this bid/proposal as in the best interest of the Town of Shaftsbury. This solicitation in no way obligates the Town of Shaftsbury to award a contract.

Shaftsbury Highway Road Projects
BID PROPOSAL FORM

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In order to be considered responsive to this RFP, each proposal shall conform to the following requirements. The contractor shall:

1. Submit by mail or hand deliver one (1) copies of the proposal in a sealed envelope to David Kiernan, Town Administrator, PO Box 409, 61 Buck Hill Road, Shaftsbury VT 05262. Bid documents must be received by 3PM May 13th 2019. Any bids received after that time will be returned unopened.
Emailed bids **will not** be accepted.
2. Clearly indicate the following on the outside of the sealed envelope containing the proposal:
 - a. name and address of the prime contractor
 - b. bid due date and time
 - c. envelope contents (proposals)
 - d. project name

If any of the above requirements are not met, the proposal will not be considered.

Sincerely, Mike Yannotti DPW Foreman

Sub-Surface Drainage

French Mattress

A structure installed under a road, consisting of clean course rock wrapped in geotextile fabric through which water can pass freely, sometimes referred to as a rock sandwich. Useful in extremely wet areas, such as wetlands, to support roadbed while allowing unrestricted water movement. Further details on sub-surface drainage practices can be found in the US Department of Agriculture's Environmentally Sensitive Road Maintenance Practices for Dirt and Gravel Roads manual, a link is provided in the reference section on page 51.

- French mattress can be used in areas where concentrated outlet flow through a pipe is undesired, wetlands where installing cross drains would be impractical, and areas with a high water table.
- Use of a French mattress maintains dispersed flows and prevents gully erosion above or below the structure.
- A French mattress should NOT be used for concentrated overland flow, such as small stream channels or storm water from ditches.
- Install to match the slope of the land. In flat areas, a 1 to 2 percent slope should be used to aid drainage.
- Excavate material to desired depth and place geotextile fabric in trench, ensure there is enough fabric to wrap around the sides.
- Place porous stone on top of the fabric spread out in a uniform bed. Cover top of structure with fabric, be sure to overlap all joints by at least 12 inches.
- Compact at least 8 inches of fill over top of finished mattress.
- Requires no maintenance and has a long service life.

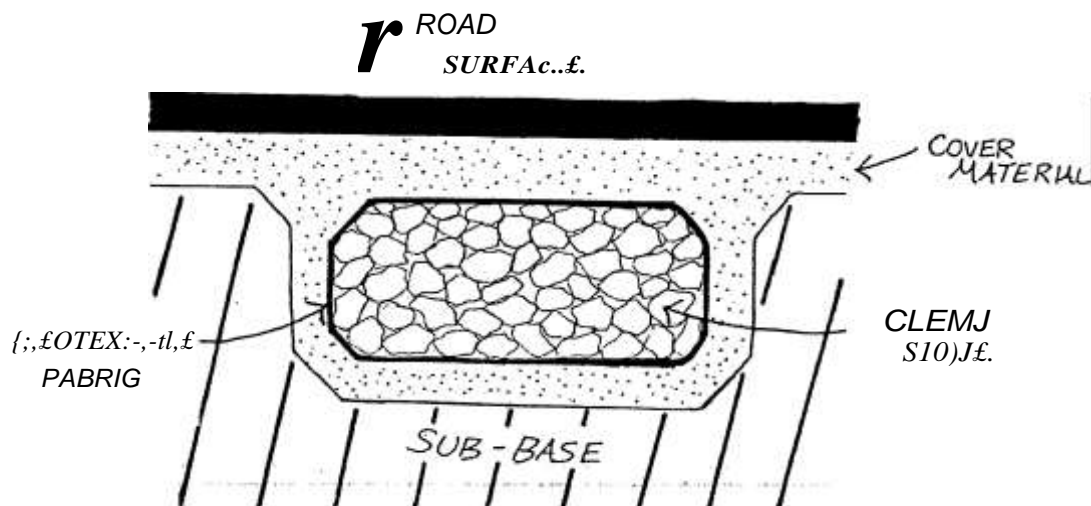


Figure 19: French Mattress



Stone Lined Ditch

Ditches with a slope greater than 5% may need to be stone lined to provide adequate protection against erosion and to collect sediment from higher velocity stormwater runoff.

- It is recommended to use 12" minus stone, also referred to as Type 1 stone for ditch lining.
- Stone should be placed below the height of the shoulder so that grading and other maintenance operations don't negatively impact the stone lining.
- Recommended 2-foot minimum depth from stone in base of ditch, to road shoulder.
- Where ditches are installed adjacent to a steep back slope, stabilize the disturbed soil with methods detailed in the prior section, Temporary Erosion Prevention and Sediment Control.

Municipal Roads General Permit Policy

When a road slope is between 8% - 10% the stone-lined ditches shall use a minimum 6" - 8" minus stone or the equivalent for new practice construction. For ditches on a slope greater than 10% a minimum 6" - 8" minus stone is required but it is recommended to use 12" minus stone or the equivalent.

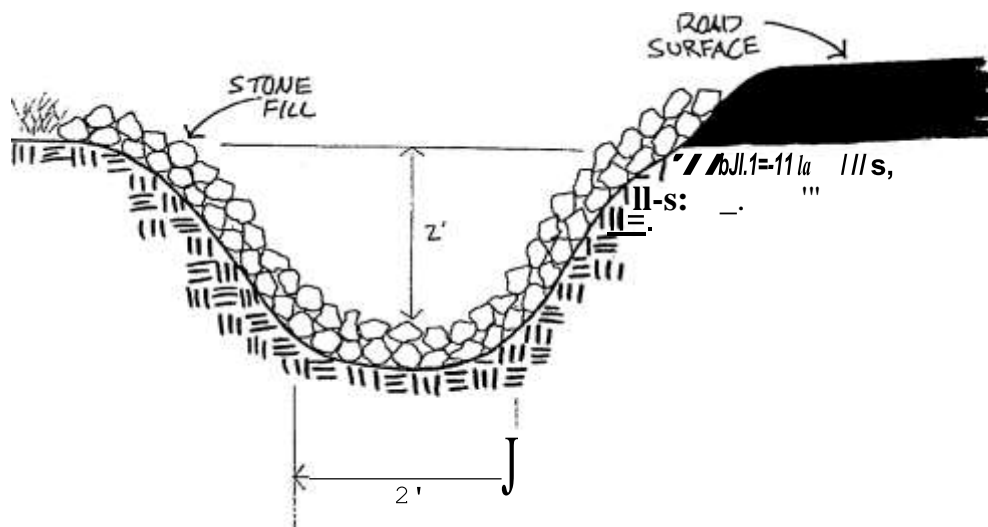


Figure 13: Stone lined ditch

Ditch Cleaning & Maintenance

- Clean ditches when they become clogged with sediments or debris to prevent overflows and washouts.
- Check ditches after major storm events as they may have obstructions, erosion, or collapsed banks.
- Regrade ditches only when absolutely necessary and line with vegetation or stone as soon as possible.
- Preventing erosion from uphill or on backslopes can lengthen the time needed between ditch cleanings.

