

TOWN OF NEWBURY

FULL DEPTH PAVEMENT RECLAMATION

SPECIFICATION

1. DEFINITIONS

The term Town shall mean the Highway Foreman or the Selectboard of the municipality.

The term Designee shall mean an employee of the municipality designated by the Town.

The term Contractor shall mean a professional company contracted by the municipality to perform work under this agreement.

2. DESCRIPTION

Work under this contract shall consist of the Contractor furnishing equipment to pulverize the in-place asphalt pavement and underlying or overlaying material, mix and or blend calcium chloride with the pulverized mass,(calcium chloride to be applied by the Town) and compact the resultant mixture after grading by the Town. Payment and bidding will be based on actual square yardage reclaimed.

3. MATERIALS

a. Calcium chloride

Calcium chloride shall be supplied by the Town.
Application of calcium chloride shall be performed by the Town or its Designee.

b. Reclaimed Base

All pulverized material shall pass the 3-inch sieve. The Processed sub-base shall meet the following gradation:

REQUIRED RECLAIMED BASE GRADATION

<u>SIEVE SIZE</u>	<u>% PASSING</u>
3"	100

4. EQUIPMENT

a. Reclaimer

Reclamation will be by means of a traveling rotary reclaimer or equivalent machine capable of cutting through existing asphalt at depths up to 12 inches with one pass. The machine shall be self-propelled and equipped with an adjustable grading blade thus leaving its path generally smooth for traffic. Equipment such as road planers or cold milling machines which are designed to mill or shred the existing pavement rather than to crush or fracture it, are not considered capable of achieving specification gradation. The required and necessary action of the reclaimer will increase the percentage of fine aggregate. Existing pavement and gravel must be pulverized and mixed so as to form a homogeneous mass of uniformly processed base material which will bond together when compacted.

b. Rollers

At least one vibratory roller shall be used, and shall have a compacting width of not less than five feet. Each roller shall have a gross weight of not less than ten tons.

c. Grader

Grader shall be supplied by the Town.

5. CONSTRUCTION METHODS

Full Depth Reclamation

a. Roads to be reclaimed

Road 1- Scotch Hollow Road 2750' X 22' (6723 sq. yds.)
Minimum Amount.

Possibility of adding 2500 sq. yds to project in the
same location.

b. Surface Preparation

Surface preparation, which may include cleaning and grubbing; removal of visible cobbles; drainage; signs; mailboxes and guard rail; etc., will be the responsibility of the Town and will be completed before the Contractor moves onto the job.

c. Pulverization Process

The existing road pavement shall be pulverized and mixed with equal amounts of gravel base existing in the (or added over the) roadway foundation. The pulverization shall blend the asphalt and base material into a homogeneous mass. After the first pulverization the Town or its Designee will apply calcium chloride. The aggregate mass shall then be pulverized again to ensure proper asphalt, gravel, and calcium chloride blending to the desired depth.

d. Rolling

Initial rolling shall be done immediately following the second Reclaimer pass, and again following grading.

e. Traffic Control

Traffic control will be the responsibility of the Contractor.

6. Method Of Payment

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

7. Notes

- a. All testing shall be performed by the Town or its Designee.
- b. Work to be completed during the time frame of May 15th through June 2nd.
- c. The Town reserves the right to reject any and all bids, And to choose the bid that is deemed to be in the best interest of the Town.
- d. Bids to be received at the Newbury Town Clerks Office P.O. Box 126 Newbury Vt. 05051, by May 8th, at 7:00 PM.
- e. Contact: Bob Beaulieu Highway Dept. 802-429-2401 for any questions.

TOWN OF NEWBURY
BID FORM FOR
FULL DEPTH PAVEMENT RECLAMATION

BID ITEMS

Reclaiming asphalt pavement, traffic control, and vibratory compaction.

PRICE PER SQUARE YARD \$ _____ / SY.

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

INSURANCE: The successful Bidder must have public liability insurance of adequate amount, at least \$500,000.00 per incident and \$1,000,000.00 aggregate.

DATE: _____
(Name & Title of Authorized Person)

COMPANY: _____

ADDRESS: _____

TEL. NO: _____.

