



Town of Blackstone

ROAD OPENING PERMIT APPLICATION

Submit in Duplicate

Applicant Information

Contractor: _____ Date: _____

Contact Name: _____

Mailing Address: _____

Phone No.: _____ Cell Phone No.: _____ Fax No.: _____

Location of Opening: _____

Dig Safe Number: _____

Nature of Work: _____

Application Information (to be completed by Town)

Application No. _____ Application Fee: \$ _____

Bond Amount: \$ _____

Application Approval Date: _____

Temporary Patch Installation Date: _____

Permanent Patch Installation Date: _____

Bond – First Release Date After: _____ (upon written request)

Bond – Final Release Date After: _____ (upon written request)

When approved by the Board of Selectmen, the Contractor shall comply with the requirements and specifications presented in the following sections:

Section 1 General

1. Public Works Superintendent to be notified two business days before each phase of construction is commenced.
2. It shall be the responsibility of the Contractor to contact all utilities impacted by the proposed work.
3. Work shall commence within 60 days of the Application Approval Date. Failure to commence work within this period will result in a renewal fee or the submittal of a new application.
4. The Contractor agrees to indemnify, defend, and hold harmless the Town and its officers and employees from and against any and all liabilities, loss, costs, or damage, including reasonable attorney's fees, that

they may suffer or incur as a result of claims, demands, actions, costs or judgments arising out of or caused by any acts or omissions of the Contractor in performing the work specified herein.

5. All work and materials shall conform to the requirements of the Massachusetts Department of Public Works Standard Specifications for Highway, Bridges and Waterways.
6. With this application, the Contractor shall submit certificates as evidence of insurance coverage in the amounts of one hundred thousand dollars (\$100,000.00), three hundred thousand dollars (\$300,000.00) for Public Liability, Property Damage and Special Hazards; Workmen's Compensation coverage as required by the General Laws of the Commonwealth of Massachusetts.

Section 2 Materials and Methods

1. **EXCAVATION:** When excavation is to be done within the limits of the bituminous surface, the surface shall be cut to a straight and vertical edge. Care shall be taken not to disturb or in any way damage the surface beyond these edges. Any equipment working on the project, which may, in the opinion of the Public Works Superintendent or his agent, damage the surface, shall work on or be propelled on suitable platforms to prevent any marking or other damage to the roadway surface. Care shall be taken in stacking excavated materials on the surface, and in no way should stacked excavate mark or cause damage to the roadway surface.
2. **BACKFILLING TRENCHES:** Backfill materials shall be placed by hand in layers not to exceed six (6) inches in depth. Each layer shall be compacted by a mechanical vibratory tamper or other method preapproved by the Superintendent or his agent. No material shall be excavated from the banks of the trench to backfill around the pipe or for any other purpose. Backfill material shall be brought to a true plane fourteen (14) inches below and parallel to the finished surface. Twelve (12) inches of approved road gravel shall be placed in layers not to exceed six (6) inches in depth and each layer compacted by an approved method.
3. **TEMPORARY TRENCH PATCH.** Temporary top surface for all trench patches shall consist of a minimum thickness of two (2) inches of Type I bituminous concrete placed and compacted by an approved method. Contractor shall be responsible for maintaining temporary patch prior to removing the temporary patch for the placement of permanent patch as described below.
4. **REMOVING TEMPORARY TRENCH PATCH:** Temporary trench patch shall not be replaced for at least ninety (90) days after the work has been completed. Surface shall be replaced no later than six (6) months after work has been completed, unless written permission is granted by the Superintendent of Public Works or his agent. The temporary trench patch shall be excavated vertically, to a minimum depth of three and one half (3 1/2) inches below the existing roadway surface or to a depth matching existing pavement thickness. Whichever depth is greater shall prevail. The temporary trench patch shall be saw cut and excavated horizontally, to a limit extending a minimum of twelve (12) inches into the existing pavement on all sides of the temporary trench patch. All debris left from construction shall be removed from the roadway layout by the Contractor before permanent trench patch repair is started.
5. **PERMANENT TRENCH PATCH PLACEMENT.** Permanent trench patch shall be laid in courses where the Type I hot mix bituminous concrete binder course(s) do not exceed two (2) inches compacted thickness and the Type I hot mix bituminous concrete top mixture course is greater than one (1) inch and not more than one and one half (1 1/2) inches in compacted thickness. The replaced surface is to extend horizontally and vertically to meet the existing surface and all existing vertical bituminous concrete surfaces shall receive a tack coat. The permanent trench patch shall be placed vertically, to a minimum depth of three and one half (3 1/2) inches below the existing roadway surface or to a depth matching existing pavement thickness. Whichever depth is greater shall prevail. Permanent trench patch shall be placed between April 15th and November 15th.

Section 3 Bond Requirements

1. **WARRANTY, GUARANTEE, ROAD MAINTENANCE BOND.** The person or persons applying for permit shall be responsible for all work for a period of two (2) years after the completion of the replaced surface to the satisfaction of the Superintendent of Public Works or his agent.

2. **ROAD MAINTENANCE BOND.** A cash bond in the amount of 125% of the estimated value of work, as determined by the Superintendent of Public works or his agent, shall be provided to the Town of Blackstone by the applicant prior to the commencement of work. Throughout the duration of this permit, the applicant will have 30 days to respond to written requests by the Town to repair faulty or substandard work. If work is not repaired within the allotted period of time, the Town of Blackstone will conduct repairs using funds remaining in the road maintenance bond.
3. **FIRST RELEASE – ROAD MAINTENANCE BOND.** One (1) year after the permanent trench patch repairs have been completed the applicant may request, in writing, the first release of the cash bond. The Board of Selectmen will take under advisement the first release upon receipt of a written recommendation by the Superintendent of Public Works or his agent. The value of the first release shall be up to, but no more than 75% of the cash bond value.
4. **FINAL RELEASE – ROAD MAINTENANCE BOND.** Two (2) years after the permanent trench patch repairs have been completed the applicant may request, in writing, the final release of the cash bond. The Board of Selectmen will take under advisement the final release upon receipt of a written recommendation by the Superintendent of Public Works or his agent.

Contractor

Signature

Date

DPW Superintendent Recommendation

Signature

Date

Town Engineer Recommendation

Signature

Date

Board of Selectmen Approval

Date: _____

Section 2, Materials and Methods, paragraphs 2, 3, and 4 shall be replaced with the following requirement describing the use of flowable fill.

BACKFILLING WITH FLOWABLE FILL: Flowable fill shall be used to backfill trenches. The limit of flowable fill material shall be brought to the bottom face of the existing asphalt binder material. The backfilled trench shall be protected using roadway plates until the flowable fill material has cured. Roadway plates shall be free of sharp edges, spurs, or bent edges. All plate edges within the paved roadway area shall be protected using cold patch material. Permanent trench patch placement shall be conducted immediately upon the removal of the plates for each trench.