

TOWN OF BRADFORD
HIGHWAY DEPARTMENT
PERMIT

Permission is hereby granted to _____
to perform the work described as follows, on the highway known as
_____ in the Town of Bradford, the location
of this work being _____

This permit is issued with the following direction, restrictions and conditions, and covers only the work described hereinafter, and then only when the work described is performed as directed.

Description of the work to be performed: _____

Directions for performing such work: _____

No work shall be done under this permit until the party or parties to whom it is granted shall have communicated with and received instruction from _____.

This permit shall be void unless the work herein contemplated shall have been completed before _____.

Signed by: _____

Leave Blank

Chairman/Representative

Dated at Bradford This _____ Day of _____ 20__.

TOWN OF BRADFORD
STANDARDS FOR HIGHWAY CONSTRUCTION

DRIVEWAYS AND APPROACHES: Driveways and approach roads entering upon a public highway shall be constructed at a 90 degree angle to such highway, or shall be provided with a surface area of sufficient size to permit a vehicle entering the highway to enter at a 90 degree angle. Recommended site distance shall be 110 feet for each 10 mph of vehicle speed on the highway intersected.

SEWER AND WATER LINES: Where required, sewer mains or lines to each building shall be laid on opposite sides of the road from the water mains or lines. Sewer or water sleeves shall be inserted at a minimum depth of five feet at intervals as required by the Selectmen wherever a paved road is required under this ordinance. Services shall be laid at the proper pitch and shall connect to the sewer or water lines at a place to be designated by the Selectmen.

RIGHT-OF-WAY: The right-of-way shall be at least 50 feet in width with maximum slope grades of one on 1 ½ for both cut & fill slopes. The highway surface for travel shall be built in the center of the right-of-way and the right-of-way shall be cleared to permit and facilitate snow removal and proper maintenance of drainage ditches, culverts, slopes and banks, accesses, turnouts and turnarounds, and other features of the highway. Dead and diseased trees, brush and stumps shall be removed. Cutting of all trees and other vegetation from the right-of-way shall be accomplished in consideration of erosion potential and the development of reasonable and good aesthetic qualities of the highway. Road designs and drawings shall reflect the general clearing plan.

SHOULDERS: Shoulders shall extend at least two feet on each side of the traveled surface of highways built or improved in Bradford. Shoulders shall be slightly pitched to prevent excessive erosion and unsafe conditions. There shall be a variable equal to a minimum of 1 ½ times the height of shoulder above ground elevation from the toe of shoulder to toe of slope.

HIGHWAY SUB-GRADE AND SURFACE PREPARATION: The highway shall have a minimum of twelve inches of packed gravel. Where extreme subsoil conditions exist, the Selectmen may require the use of additional amounts of gravel. The traveled portion of all public roads shall be a minimum of 22 feet in width with 2 foot gravel shoulders, etc. and shall conform to State of Vermont Standard Sheet A65 and/or as specified in particular locations by the Selectmen in consideration of sub-surface conditions, banks and slopes, grades, turnouts, accessways, and other highway features. Gravel shall be good bank run, meeting Vermont Department of Highway specifications for gradation. No stone larger than six inches shall be placed in the twelve inch depth of gravel. Gravel surface shall be fine graded and compacted to the required grade with grader, roller and hand labor.

DRAINAGE DITCHES: Drainage ditches shall be provided where necessary and shall be constructed to prevent infiltration of water into the gravel sub-base and to conduct storm drainage to waterways and absorption areas. Accordingly, drainage ditches adjacent to roads are normally to be at least six inches below the gravel sub-base or eighteen inches below finished grade to minimize spring breakup conditions. Ditches shall be shaped to prevent excessive erosion on both shoulder and right-of-way or bank sides of the ditch cross section.

CULVERTS: Culverts shall be installed during construction of the highway sub-base and surface preparation. Backfill in excavations for culverts shall be compacted to prevent or minimize settling in surface, shoulders or slopes. Culvert size shall be determined by the Selectmen. Culverts sections shall be properly joined and shall extend to the toe of the slope, or a minimum of 1 ½ times the height of fill from the shoulder point. This can be reduced if adequate headwalls are provided to catch the slope. Culverts shall be corrugate or helical coated steel or aluminum. Inlet and outlet ditches, boxes, and other protection necessary shall be provided to minimize erosion damage. Culvert elevations shall be kept as low as possible.

GRADES: Highway grades shall not exceed seven percent unless paved or double tacked and in no case shall grades exceed then percent unless otherwise approved by the Selectmen.

ALIGNMENT AND CURVES: Highways shall be aligned and constructed as to afford safe travel, visibility and access in all weather conditions. Proper drainage shall be maintained on curves and bridge approaches.

BRIDGES: Bridge design and construction shall confirm to current State of Vermont Highway Department standards.

TURNAROUNDS: All future turnarounds on dead end highways shall have a radius large enough to accommodate properly all equipment and vehicles using or servicing the road and area, including school busses. Drainage shall be provided to prevent impounding of water. Roadside features shall permit proper snow storage on turnarounds.

PAVING: All new roads serving more than one lot or parcel shall be paved.

DESIGN: Highway design shall be based on projected maximum average daily travel including future extensions and through travel and usage.

INSPECTION: All highway designs, including cut and fill plans, gravel put plans, surveys, layouts, right-of-way, road construction site, preparation and construction shall be inspected by the Selectmen. Professional engineering, surveying, and legal competence may be employed by the Town to provide inspection and counseling services to the Selectmen as considered necessary in authorizing, inspecting and accepting the constructing or altering of highways.

RESTRICTION AND CONDITIONS

Relating to Laying of Pipes, Conduits, etc.

After any pipes, conduits, drains or other underground structures are laid, or any excavation is made in the roadway the trenches or openings shall be properly back-filled with suitable materials; the back-fill shall be thoroughly tamped, and the surface of the road over said structures shall be left even with the adjoining ground. If the work is done in cold weather, no frozen materials shall be used for back-filling.

Whenever the hardened surface of the roadway, gutters or any part of the surface of the highway is disturbed, it shall be replaced in as good condition as before it was disturbed, and if new materials are required, they shall correspond with those already in place on the road.

Where service pipes are to cross the highway, the connections shall be made without disturbing the hardened surface of the roadway, by driving the pipes under the roadway, or the service pipes shall be carried under and across the road in a large pipe, unless otherwise ordered by the Selectmen.

The party or parties to whom the permit is granted shall maintain the surface of the roadway over said structures as long as the Selectmen may deem necessary, until all signs of the trenches shall have been eliminated.

GENERAL CONDITIONS

The word "Board" as used herein is to mean the Board of Selectmen.

All rock-blasting as well as other work shall comply with all the laws and regulations of the State of Vermont. The permit holder must, in every case where there is a possibility of injury to life or property in blasting, batten down the blast with heavy chair logs and to prevent the stone from scattering, he shall place on said logs a blasting mat or bags of sand as a makeweight to hold the blast.

During the progress of the work, all structures under ground and above ground shall be properly protected from damage or injury; such barrier shall be erected and maintained as may be necessary for the protection of the traveling public, the same shall be properly lighted at night; and the party or parties to whom this permit is issued shall be responsible for all damages to person or property due to or resulting from any work done under this permit.

Except as herein authorized, no excavation shall be made or obstacle placed within the limits of the Town Highway in such a manner as to interfere unnecessarily with the travel over said road.

If any grading or sidewalk work done under this permit interferes with the drainage of the Town Highway in any way, such catch basins and outlets shall be constructed as may be necessary, in the opinion of the Selectmen, to take proper care of said drainage.

Wherever the hardened surface of the roadway is disturbed and the Selectmen may consider it necessary or advisable to do so, said surface will be restored by the employees of the Town, at such time as the Selectmen may direct, and the expenses thereof shall be borne by the party or parties to whom the permit is issued, who shall purchase and delivered on the road the materials necessary for said work, as directed by the Selectmen. All payments to laborers, inspectors, etc. employed by the Selectmen for or on account of the work herein contemplated shall be made by said party or parties forthwith on the receipt of written order, payrolls, or voucher approved by the Town.

If the party or parties to whom this permit is issued does not work contrary to the order of the Selectmen and a due notice fails to correct such work or to remove such structure or materials as he or they may be ordered to remove the selectmen may, with or without notice, correct such work or remove such structures or material; and the party or parties to whom this permit is issued shall reimburse, the Town for any expense incurred in correcting the work or removing structure or material.

All of the work herein contemplated shall be done under the supervision and to the satisfaction of the Selectmen, and the entire expense thereof shall be borne by the party or parties to whom this permit is issued.

On the completion of the work herein contemplated all rubbish and debris shall be removed and the roadway and roadsides shall be left neat and presentable and satisfactory to the Selectmen.

The Selectmen hereby reserves the right to order the change of location or the removal of any structure or structures authorized by this permit at any time; said change or removal to be made by and at the expense of the party or parties to whom this permit is granted, or there successors or assigns.

This permit may be modified or revoked at any time by the Selectmen without rendering said Selectmen or the Town of Bradford liable in any way.

All of the above conditions shall be applicable to the work herein authorized, unless the same are inconsistent with the conditions on the face of the permit, in which case the conditions written or printed on the face of the permit shall apply.

The acceptance of this permit or the doing of any work thereunder shall constitute an agreement by the part or parties to whom the permit is granted to comply with all of the conditions and restrictions printed or written herein.