

TOWN OF AYER

GENERAL REQUIREMENTS

In order for a contractor to do work in the town of Ayer, he must first submit a \$ 2,000.00 Performance bond and the proper insurance forms. A contractor's insurance must include the following:

- 1.** General Liability: \$ 100,000.00 Property Damage
\$ 100,000.00- \$ 300,000.00 Bodily Injury

- 2.** Collapse and underground structures.

Prior to any work, the contractor must obtain the necessary residential or commercial permits. Before any permits are issued, the contractor must present a sketch of the work to be done to the town Inspector.

A Contractor will not be allowed to work on Saturdays, Sundays or Holidays.

Unless specified herein, All construction will conform to Massachusetts Highway Standards. When conflict between two, Town of Ayer Specifications shall prevail.

Between November 15- April 1, no street opening permits and excavations will be issued or permitted unless under and emergency condition. Special conditions will be issued by the Superintendent of Public Works.

The Superintendent of Public Works or his designated Inspector must inspect all construction, and approval given before any back filling of trenches will be allowed. If the Inspector deems any work unacceptable, the Contractor shall immediately correct the problem at his own expense. If the contractor backfills a trench that has not been inspected, the Inspector reserves the right to make the contractor uncover the work at his own expense. If a contractor is notified to maintain his trench and fails to do so, his bond will be attached to perform the necessary repairs. The contractor will be responsible for obtaining an approved Water and Sewer clearance plan before any permits will be issued by the Town.

Any main installation (water, sewer or Drainage) will require as-built information prepared by a Professional Engineer, supplied to the Superintendent Public Works.

TRENCHES

Excavation of Surfacing Materials and Trenches

When excavations are to be made in paved surfaces, the pavement shall be cut with pneumatic or other approved tools to prevent damage to the surrounding surface. The width of the trench will not exceed the distance of two feet beyond the pipe unless otherwise approved by the Towns Inspector.

All topsoil shall be deposited along side the trench in an approved manner and shall not be mixed with other materials.

Excavation of Surfacing and Trenches

The contractor shall make excavations in an approved manner to the established line and grade, without damaging any existing structures.

All existing gas pipes, water pipes, sewer, drains, catch basins or manholes shall be carefully supported and protected from injury. In case of any damage caused by his actions, the contractor must notify the Towns Inspector and obtain approval of the method of repair. If it is necessary to change the locations of any structure, the structure will not be interfered with until the Inspector has given approval.

When making excavations in rock, a minimum of twelve inches of screened gravel must be placed in the trench prior to the installation of any pipe.

Pipe laid on unexcavated rock is not acceptable.

BACKFILLING OF PIPE TRENCHES

The most suitable excavated materials shall be used for backfilling pipe trenches. No large stones shall be used in backfilling the trench and all stones that have rolled near or lodged under the pipe shall be removed.

The material shall be deposited in the trench in an approved manner and shall be thoroughly consolidated by tamping. Backfilling from the bottom of the trench to one foot above the pipe, shall be done by hand in layers not to exceed 4 inches in thickness with thorough tamping between each layer. Backfill material in this area shall contain no stones larger than 3 inches at their greatest dimension.

RESTORATION OF SURFACE

The contractor shall replace all surface material, and shall restore pavement, shrubbery, sod, and other surface or structures disturbed to a condition equal to that before the work began.

In restoring pavement surfaces, new pavement is required. Temporary patch must be left in place and remain for a minimum of 30 days. When repairing with permanent patch, The contractor shall first cut back the trench, one foot on each side, keeping the sides as square as possible. The permanent patch will consist of a rolled 2 inches of bituminous concrete type I-1 base and one inch of bituminous concrete type I top. Paving of roads will only be permitted when the temperature is above 40o F. Under fair conditions.

The Town of Ayer requires the need to use flowable fill and infra red treatment in all repair work done on utility trenches in the Town of Ayer. One of methods of repairs will be used in any recently paved roads.

MANHOLES AND CATCH BASINS

All manholes and catch basins are to have interlocking sections and be Standard Precast with either cast iron, aluminum or approved plastic steps spaced 18 inches apart. A watertight seal must be placed between precast manholes. Precast sewer manholes shall have rubber ‘ O’ ring gaskets.

All manhole cover used on town streets will be of heavy-duty construction with the frame and cover height of at least 8 ‘. Covers shall also have the words ‘Drain and sewer ‘‘ integrally cast as appropriate.

All brick used in sanitary sewer manholes, including brick used for inverts and raising covers shall conform to A.S.T.M. Standard Specifications for Sewer bricks. All brick used in sanitary sewer manholes, including brick used for inverts and raising covers shall conform to A.S.T.M. Standard Specifications for Sewer brick. Barrel block and cement brick are acceptable in drain manholes only. In case the Town Inspector rejects any brick, it shall be immediately removed and substituted with an acceptable brick.

Mortar used in manholes shall be composed of one part Portland cement, hydrated lime and two parts sand, in which the volume of sand shall not exceed three times the sum of the volume cement and lime. Lime and sand shall conform to A.S.T.M. Standards.

When installing manholes and catch basins, the trench shall be excavated so that there is two feet clear on each side of the structure. Four to six inches of crushed stone shall be placed under the manhole or catch basin and gravel shall be compacted in six-inch layers around the structure to secure it firmly. Catch basins will maintain a two-foot minimum sump. Basin to basin connections will not be allowed and drain manholes must be utilized. Precast catch basin top section will be Precast catch basin top section will be 24” X 28 “ opening to allow proper throat and mouth opening.

HEADWALLS

Headwalls shall be constructed of A.S.T.M. approved Concrete. Headwalls will be built as directed to connect surface drains, culverts, and like structures and must be approved by the Towns Inspector.

Unless permission to close a street or road is received in writing from the Town, all excavated material shall

Be placed so that vehicular and pedestrian traffic may be maintained at all times. If the Contractors cause

Traffic hazards, he shall repair the road surfaces, provide temporary ways, erect wheel guards or fences, or take other measures for safety satisfactory to the Town of Ayer.

Detours around the construction will subject to the approval of the Town. Where detours are permitted the Contractor shall provide all necessary barricades and signs as required to divert the flow of traffic. While traffic is detoured the

Contractor shall expedite construction operations and the Town will strictly control periods when traffic is being detoured.

The contractor shall provide any barricades and signs necessary to implement any methods of traffic control as directed by the Town of Ayer, such as restriction of streets to one-way traffic and restriction of parking in streets.

The contractor shall take precautions to injury to the Public due to open trenches. Night watchman may be required where special hazards exist, or Police provided for traffic while work is in progress. The contractor shall be fully responsible for damage or injuries whether or not Police protection provided for traffic while work is in progress. The contractor shall be fully responsible for damage or injuries whether or not police protection has been provided.

Street Opening

Driveway

TOWN OF AYER

Fees:

\$100 for 100 SF

\$200 for over 100 SF

non-refundable

STREET OPENING & DRIVEWAY/ACCESSWAY PERMIT

Date _____.

1. NAME OF PERSON/COMPANY TO BE SERVED BY OPENING

_____.

2. ADDRESS. _____.

_____.

3. NAME OF PROPERTY OWNER. _____.

4. TELEPHONE NO. _____.

5. HAS D.E.P. APPLICATION FOR SEWER SYSTEM EXTENSION BEEN APPROVED?

YES [] NO [] NOT APPLICABLE []

6. NAME OF CONTRACTOR. _____.

7. ADDRESS. _____.

8. TELEPHONE NO. _____.

9. NAME OF PERSON IN CHARGE OF WORK. _____.

10. LOCATION OF PAVEMENT CUT-DRIVEWAY. _____.

11. NAME OF STREET OR STREETS. _____.

12. UTILITY POLE NUMBER OR BUILDING NUMBER ___/___/___

13. ATTACHED SITE PLAN [Y] N[]

14. TYPE & SIZE OF UTILITY TO BE INSTALLED. _____.

15. ENTRANCE WIDTH & LENGTH OF DRIVEWAY W___ X L___

16. ANTICIPATED DATE OF PERMANENT INSTALLATION ___/___/___

17. APPLICANT ACKNOWLEDGES RECEIVING A COPY OF TOWN OF AYER STREET OPENING – DRIVEWAY REGULATIONS AND AGREES TO BE BOUND BY THE PROVISIONS THERETO AND TO COMPLY WITH ALL SPECIFICATIONS THERE IN.

PUBLIC WORKS SUPERINTENDENT

DIG SAFE NUMBER REQUIRED

DATE / /

APPROVED []

DATE OF DIG SAFE REQUEST

APPROVED W/CONDITIONS []

NOT APPROVED []