

Title 4 - PUBLIC WORKS

Chapter 3 - ROAD EXCAVATIONS; TREES

Table of Contents

Title 4 - Public Works.....1

Chapter 3 - Road Excavations; Trees1

4.3.1Excavations of Streets, Alleys, Public Ways and Roads.2

 4.3.1.01Permit Required2

 4.3.1.02Fees2

 4.3.1.03Insurance Required2

 4.3.1.04Bond.....2

4.3.2Excavations and Openings.....3

 4.3.2.01Frozen Ground3

 4.3.2.02Removal of Paving3

 4.3.2.03Protection of Public3

 4.3.2.04Replacing Street Surface.....3

 4.3.2.05Notice.....4

 4.3.2.06Validity of Permit4

 4.3.2.07Backfilling4

 4.3.2.08Emergency Excavation4

 4.3.2.09Excavation in New Streets Limited4

 4.3.2.10Exception5

4.3.3Trees and Shrubbery Obstructing View.5

 4.3.3.01Obstruction of Intersections.....5

 4.3.3.02Obstruction of Signs5

 4.3.3.03Abatement Procedure.....5

 4.3.3.04Trees on and Adjacent to Highway5

 4.3.3.05Cutting or Injuring Trees on Highway.....5

 4.3.3.06Fences5

4.3.4Injury to Trees and Shrubs Prohibited.6

 4.3.4.01Consent Required.....6

 4.3.4.02Trees Protected During Construction6

4.3.5Deposit of Rubbish and Stones on Highway Right-of-Way.....6

Table of Authorities for Title 4 - Public Works, Chapter 3 - Road Excavations; Trees7

Index to Title 4, Chapter 3..... 3-8

4.3.1 Excavations of Streets, Alleys, Public Ways and Roads.

4.3.1.01 Permit Required

- (A) No person, partnership, utility or corporation, or their agents or employees or contractors shall make or cause to be made any opening or excavation in any public street, public road, public alley, public way, public ground, public sidewalk or Town-owned easement or fill or alter any culvert or construct or install additions or extensions to its existing facilities within the Town of Grafton without a permit therefor from the Town Building Inspector.
- (B) The utility or contractor shall submit to the Town a written request for a utility construction/street excavation permit and a plan of the proposed alteration, extension or addition, showing its location and details of construction, including specified depth, method of excavation, open out or augering, provisions of restoration and whatever the Town would deem necessary for review and consideration. In being issued a permit the utility or contractor agrees to be bound by the regulations of this Section and Section 4.3.2.

4.3.1.02 Fees

The fee amount for excavation or opening permit shall be determined by resolution of the Town Board and set forth in the Town's Fee Schedule. (See Sec. 1.3.4, TGO.) The fee shall be paid at the time of application.

4.3.1.03 Insurance Required

A permit shall be issued only upon condition that the applicant submit to the Town satisfactory written evidence that applicant has in force and will maintain during the time the permit is in effect public liability insurance of not less than One Hundred Thousand Dollars (\$100,000.00) per one (1) person, Three Hundred Thousand Dollars (\$300,000.00) for one (1) accident and property damage coverage of not less than Fifty Thousand Dollars (\$50,000.00). The Town shall be listed as a third-party insured on the policy.

4.3.1.04 Bond

- (A) Before a permit for excavating or opening any street or public way may be issued, the applicant must sign a statement that he will indemnify and save harmless the Town of Grafton and its officers from all liability for accidents and damage caused by any of the work covered by his permit, and that he will fill up and place in good and safe condition all excavations and openings made in the street, and will replace and restore the pavement over any opening he may make as near as can be to the state and condition in which he found it, and keep and maintain the same in such condition, normal wear and tear excepted, to the satisfaction of the Town Board for a period of two (2) years, and that he will pay all fines imposed upon him for any violation of any rule, regulation or ordinance governing street openings or drain laying adopted by the Town Board and will repair any damage done to existing improvements during the progress of the excavation in accordance with the ordinances, rules and regulations of the Town. Such statement shall also guarantee that if the Town shall elect to make the street repair, the person opening the street will pay all costs of making such repair and of maintaining the same for one (1) year.
- (B) The person who does such restoration shall be responsible therefor for two (2) years from the date of the completion of the work and shall file a written guarantee or surety bond to that effect with the Town in the amount directed by the Town Board.

- (C) Whenever the Town Board shall find that any such work has become defective within two (2) years of the date of completion, it shall give written notice thereof to the contractor or to his surety stating the defect, the work to be done, the cost thereof and the period of time deemed by the Town Board to be reasonably necessary to complete said work. After receipt of such notice, the contractor or the surety must, within the time specified, repair the defect or indemnify the Town for the cost of doing the work as set forth in the notice.

4.3.2 Excavations and Openings.

4.3.2.01 Frozen Ground

No openings in the streets, alleys, sidewalks or public ways shall be permitted when the ground is frozen except where it is deemed necessary by the Town.

4.3.2.02 Removal of Paving

In any opening or excavation, all paving or ballasting materials shall be removed with the least possible loss of or injury to surfacing materials and together with the excavated materials from the opening shall be placed so as to cause the least practicable inconvenience to the public and permit free flow of water.

4.3.2.03 Protection of Public

- (A) Every opening and excavation shall be enclosed with sufficient reflective barriers. Sufficient warning lights shall be kept illuminated from sunset to sunrise. Such lights shall be spaced so as to give adequate warning of the existence of the opening and of piled excavated materials. No open flame warning pots shall be used. Except by special permission from the Town, no trench shall be excavated more than two hundred fifty (250) feet in advance of pipe or conduit laying nor left unfilled more than five hundred (500) feet where pipe or conduit has been laid.
- (B) All necessary precautions shall be taken to guard the public effectively from accidents or damage to persons or property through the period of the work. Each person making such opening shall be held liable for all damages, including costs incurred by the Town in defending any action brought against it for damages, as well as cost of any appeal, that may result from the neglect by such person or his employees of any necessary precaution against injury or damage to persons, vehicles or property of any kind.

4.3.2.04 Replacing Street Surface

In opening any public street, public alley, public sidewalk, public way, public easement or public ground, the paving materials, sand, gravel and earth or other material moved or penetrated and all surface monuments or hubs must be removed and replaced as nearly as possible in their original condition or position and the same relation to the remainder as before. All excavated material shall be replaced with approved backfill material. All excavated material and rubbish shall be immediately removed. In refilling the opening, a sand-water slurry, thoroughly mixed by mechanical means, shall be used to backfill the excavation to within twelve (12) inches of the street surface. The remainder of the excavation shall be filled in accordance with the Town's approved Typical Cross Section. At a minimum the section must include ten (10) inches of crushed aggregate base course and four (4) inches of Type E-1 HMA pavement." When the sides of the trench will not stand perpendicular, sheathing and braces must be used to prevent caving. No timber, bracing, lagging, sheathing or other lumber shall be left in any trench. The Town may elect to have the opening for any street or sidewalk

repaired by the Town, in which case the cost of making such repair and of maintaining it for one (1) year shall be charged to the person making the street opening.

4.3.2.05 Notice

It shall be the duty of the permittee to notify the Town and all private individuals, firms and corporations affected by the work to be done at least twenty-four (24) hours before such work is to commence. The Town shall also be notified at least four (4) hours prior to backfilling and/or restoring the surface.

4.3.2.06 Validity of Permit

Unless the work shall be commenced within thirty (30) days of the issuance of the permit, the permit shall be void, and a new permit must be obtained and an additional fee charged. The Town may extend the time limitation for good cause. The utility or contractor shall have present at the site of construction and during the restoration period a copy of the construction plans and Town permit.

4.3.2.07 Backfilling

It shall be the duty of the permittee to backfill the opening with sand-water slurry immediately upon completion of the work and to place at least ten (10) inches of crushed aggregate base course and four (4) inches of Type E-1 HMA pavement in the opening unless otherwise advised by the Town. It shall be the duty of the permittee to maintain the opening in good condition for a period of six (6) months after the completion of the work or until the surface has been restored. The Town shall decide when, within said six (6) month period, the opening is ready for paving if a paving surface is required. If the surface is not restored within a period of ten (10) days, or such longer period as determined by the Town, the Town may restore the surface and bill the permittee therefor.

4.3.2.08 Emergency Excavation

In the event of an emergency, any person, firm or corporation, owning or controlling any sewer, gas main, water main, conduit or other utility in or under any public street, alley easement, way or ground and his agents and employees may take immediate proper emergency measures to remedy dangerous conditions for the protection of property, life, health or safety without obtaining an excavation permit, provided that such person, firm or corporation shall apply for an excavation permit not later than the next business day.

4.3.2.09 Excavation in New Streets Limited

Whenever the Town Board determines to provide for the permanent improvement or repaving of any street, such determination shall be made not less than thirty (30) days before the work of improvement or repaving shall begin. Immediately after such determination by the Town Board, the Town shall notify in writing each person, utility, Town department or other agency owning or controlling any sewer, water main, conduit or other utility in or under said street or any real property abutting said street, that all such excavation work in such street must be completed within thirty (30) days. After such permanent improvement or repaving, no permit shall be issued to open or excavate said street for a period of five (5) years after the date of improvement or repaving unless, in the opinion of the Town Board, an emergency exists which makes it absolutely essential that the permit be issued.

4.3.2.10 Exception

The provisions of this Section shall not apply to excavation work done by Town employees or contractors performing work under contract with the Town except that the safety precautions under Subsection 4.3.2.03 hereof shall be complied with.

4.3.3 Trees and Shrubbery Obstructing View.

Trees And Shrubbery Obstructing View At Intersection Or View Of Traffic Signs; Tree Removal; Fences.

4.3.3.01 Obstruction of Intersections

No person shall maintain, plant or permit to remain on any private or public premises situated at the intersection of two (2) or more roads, streets or alleys in the Town any hedge, tree, shrub or other growth or object which may obstruct the view of the operator of any motor vehicle or pedestrian approaching such intersection.

4.3.3.02 Obstruction of Signs

It is unlawful for any person to plant, cause to grow, allow to grow or maintain any trees, bushes, shrubbery or vegetation of any kind which is an obstruction to the clear and complete vision of any traffic sign in the Town. It shall be the duty of every owner of such tree, brush, shrubbery or vegetation to remove such obstruction.

4.3.3.03 Abatement Procedure

Any shrub, tree or other plant which obstructs the view at an intersection or the view of a traffic sign shall be deemed to be dangerous to public travel, and the Town shall notify the property owner in writing, describing the conditions, stating the steps necessary to correct the conditions, and establishing a reasonable time within which the corrective steps shall be taken. In the event that effective steps are not taken within the time specified, it shall be lawful for the Town to abate these conditions to the extent necessary to assure compliance with the foregoing requirements, and the costs thereof shall be assessed to the owner.

4.3.3.04 Trees on and Adjacent to Highway

If any tree falls from adjacent land into any highway, the owner or occupant of the land shall immediately remove the tree from the highway. Upon notice, the Town will provide for the removal from any highway any fallen tree or trees therein.

4.3.3.05 Cutting or Injuring Trees on Highway

No person shall cut down, break, girdle, bruise the bark or in any other manner injure any public or private trees, shrubs or hedges growing within the highway, except as the owner thereof or the public authority maintaining the highway may cut down, trim and remove trees, shrubs and hedges for the purpose of and conducting to the benefit and improvement of the owner's land or the highway facility.

4.3.3.06 Fences

No person shall build or reconstruct any fence within the public road right-of-way measured from the center of the road.

State Law Reference: Sec. 86.03, Wis. Stats.

4.3.4 Injury to Trees and Shrubs Prohibited.

4.3.4.01 Consent Required

No person shall, without the consent of the owner in the case of a private tree or shrub, or without written permits from the Town Board in the case of a public tree or shrub, do or cause to be done by others any of the following acts:

- (A) Secure, fasten or run any rope, wire sign, unprotected electrical installation or other device or material to, around or through a tree or shrub.
- (B) Break, injure, mutilate, deface, kill or destroy any tree or shrub or permit any fire to burn where it will injure any tree or shrub.
- (C) Permit any toxic chemical, gas, smoke, oil or other injurious substance to seep, drain or be emptied upon or about any tree or shrub, or place cement or other solid substance around the base of the same.
- (D) Remove any guard, stake or other device or material intended for the protection of a public tree or shrub, or close or obstruct any open space about the base of a public tree or shrub designed to permit access of air, water and fertilizer.
- (E) Attach any sign, poster, notice or other object on any tree, or fasten any guy wire, cable, rope, nails, screws or other device to any tree; except that the Town may tie temporary "no parking" signs to trees when necessary in conjunction with street improvement work, tree maintenance work or parades.
- (F) Cause or encourage any fire or burning near or around any tree.

4.3.4.02 Trees Protected During Construction

All trees on any parkway or other publicly owned property near any excavation or construction of any building, structure or street work shall be sufficiently warded and protected by those responsible for such work as to prevent any injury to said trees.

State Law Reference: Section 86.03, Wis. Stats.

4.3.5 Deposit of Rubbish and Stones on Highway Right-of-Way.

It shall be unlawful for any person to throw or deposit any weeds, sod, brush, cans, glass, gravel, stones, boulders, dirt, machinery, garbage or other waste or rubbish in or on the right-of-way of any highway located in the Town of Grafton.

**Table of Authorities for
Title 4 - Public Works, Chapter 3 - Road Excavations; Trees**

Statutes

86.03 5, 6

Town Code

1.3.4 2

4.3.2 2

4.3.2.03 5

Index to Title 4, Chapter 3

Abatement Procedure..... 5
Backfilling 4
Board..... 6
Bond..... 2
Boulders 6
Brush..... 6
Burning 6
Cans 6
Consent Required..... 6
Deposit of Rubbish and Stones on Highway Right-of-Way..... 6
Dirt..... 6
Emergency Excavation 4
Excavations..... 2
Excavations and Openings..... 3
Exception 5
Fees 2
Fences 5
Frozen Ground 3
Garbage..... 6
Glass 6
Gravel 6
Injuring Trees..... 5
Injury To Trees And Shrubs 6
Insurance Required 2
Machinery 6
New Streets..... 4
Notice..... 4, 6
Obstructing View..... 5
Obstruction of Intersections..... 5
Obstruction of Signs 5
Permit Required 2
Poster 6
Protection of Public 3
Removal of Paving 3
Replacing Street Surface..... 3
Rubbish..... 6
Sign 6
Sod 6
Stones..... 6
Town Board 2, 4
Traffic Signs 5
Tree Falls 5
Tree Removal..... 5
Trees on and Adjacent to Highway 5
Trees Protected During Construction 6

Title 4 - Public Works, Chapter 3 - Road Excavations; Trees Index

Trench 3
Validity of Permit 4
Waste 6
Weeds 6