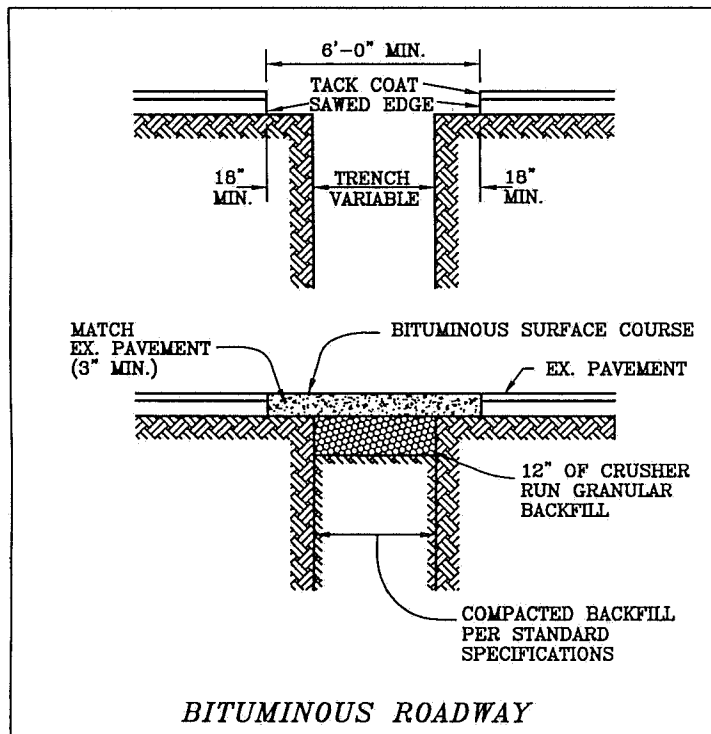


Violation – Penalties.

- A. Any person who violates any of the provisions of this chapter (or the code sections created hereby) shall be subject to the penalty provision of Chapter 1.16 of this code, as from time to time amended by the lawful act of the City Council.
- B. This chapter shall be enforced by citations through Public Works, pursuant to the authority of Section 66.119, Wisconsin Statutes.
- C. Permits issued prior to the passage of this chapter are hereby revoked if work has not yet been completed.

# UTILITY PERMIT GUIDE



**STREET REPAIR OVER  
UTILITY TRENCHES**

## CHAPTER 15.16

### EXCAVATIONS IN STREETS AND PUBLIC RIGHTS-OF-WAY

This is a summary of the requirements set forth by Chapter 15.16 of the Ripon Municipal Code. It does **not** supercede or take the place of the Code. The Code is the standard that will be upheld in case of discrepancy.

Permit required. No person shall excavate or tear up any street, terrace, alley, sidewalk or other public place in the city without having first obtained a permit from Public Works in accordance with the provisions of this chapter.

- A. The charge for this permit shall be twenty-five dollars. (Sidewalks are exempt from the fee.)
- B. Plans of the work are to be on file with Public Works, including location, size of depth and cut, and materials proposed.
- C. Permits may include multiple excavations.
- D. The permit holder must certify that he and/or his contractor has a copy of and understands the latest editions of the following specifications:
  1. Wisconsin Department of Transportation Specifications for Road and Bridge Construction;
  2. Standard Specifications for Sewer and Water Construction in Wisconsin;
  3. Manual of Uniform Traffic Control – Construction Barricading Section.
- E. The permit holder must not have more than three violations of this chapter in the previous two-year period.
- F. Utility notification must be made in accordance with Section 182.0175 of Wisconsin Statutes.
- G. No more than five outstanding permits may exist (including emergency repairs) before another permit

will consist of five inches of asphalt pavement on an eight-inch-thick crushed aggregate base of #2 gradation.

Street barricading and signs. All excavations in all streets may be made only after police, fire, and emergency medical department have been notified through the public department dispatcher and barricades erected at ends of blocks and at the site. Barricades shall have a sign with name, address and telephone number of contractor signing for excavation permit. Sign shall have block letters at least two inches in height and shall be black on a white background showing name and phone number of excavator.

Street and public right-of-way obstruction protection. All excavation sites shall be carefully guarded, fenced and protected by sufficient barriers (Class I, II, and III) and lamps to the satisfaction of Public Works; including all openings, materials, tools, machinery and any and all obstruction of every kind placed or left in any street and public right-of-way. Barricading shall be in accordance with the Manual on Uniform Traffic Control Devices, published by the U.S. Department of Transportation.

#### Other restoration.

- A. All damaged trees, shrubs or signs shall be replaced.
- B. Lawn areas shall have four inches of stone-free topsoil with #4 seed mix, ten pounds of 10-10-10 fertilizer per one thousand square feet and mulched.
- C. All sidewalks or crosswalks disturbed or removed in the course of the work shall be rebuilt or made in all respects as good, substantial and permanent as they were before the work was started.
- D. All terraces disturbed in the course of excavation shall be rebuilt or made in all respects as good, substantial and permanent as they were before the excavation was started.
- E. All rubbish or debris must be removed at once. The street, sidewalk, drive approach, steps or terraces must be restored as outlined above and must be so maintained for a period of one year thereafter.

existing concrete. Concrete shall be cured by keeping moist with water for four days or by applying a concrete-curing compound. When the temperature is expected to go below forty degrees Fahrenheit, the concrete shall be protected by marsh hay or other suitable protection. No traffic shall be allowed on the concrete for seven days or until the concrete strength of two thousand five hundred psi.

Asphalt pavement and asphalt over concrete.

- A. Asphalt pavement and asphalt over concrete shall be repaired by first placing a thickness of concrete the same as surrounding concrete, as specified above, and the surface shall match the surface of the existing adjacent concrete. After the concrete has attained proper strength, asphalt shall be applied to the thickness of the adjacent asphalt surface.
- B. Hot mix asphalt shall be approved by Public Works and installed by accepted practices for construction of hot mix asphalt pavement. Before hot mix asphalt is installed, the edges of the saw cut trench shall be tack coated with asphalt to provide a bond between the existing and new asphalt.

Asphalt on road base.

- A. The road base shall be gradation #2 to an eight-inch depth or adjacent depth, whichever is thicker. Where fabric is present, it must also be replaced with either a one-foot-long overlap, or sewing to existing fabric with eight stitches per inch. The gradation aggregate base shall be a minimum of one hundred forty pounds per cubic foot dry density.
- B. The asphalt shall be three inches thick or the thickness of the adjacent pavement, whichever is thicker.

Temporary patching. Temporary patching will be permitted on cuts during November to April 15<sup>th</sup>, and replaced by June 1<sup>st</sup>. It

is issued. Outstanding permits are those at which location final restoration is not completed to the satisfaction of the City.

Bonds and insurance required. The bonds and public liability insurance shall be filed with the city prior to the issuance of such permit by the city.

Liability insurance amounts. The insurance required for the issuance of an excavation permit shall be a policy of public liability insurance containing coverage of not less than fifty thousand dollars for injury to one person, two hundred thousand dollars for injury to more than one person, and twenty-five thousand dollars property damage, naming as insured the person seeking such permit to excavate or tear up any street, alley, sidewalk, or other public place, and as an additional insured the City of Ripon. The policy of public liability insurance shall fully protect against all costs, expenses and damages for which the insured and the City shall be legally liable and growing out of operations conducted by such person within the confines and limits of such street, alley, sidewalk, or other public place within the City. These insurance certifications shall be delivered to Public Works.

Performance Bond Requirements. The bond shall be a one year surety bond running to the City for \$2,000 per 100 ft. of trench (always rounded up to next full 100 feet).

In lieu of a performance bond, a certified check may be deposited with the City for one year to cover any cost associated with failure to satisfactorily restore the public right-of-way.

General Conditions. The following standards shall apply unless otherwise noted.

- A. Wisconsin Department of Transportation Specifications for Road and Bridge Construction, latest edition;

- B. Standard Specifications for Sewer and Water Construction in Wisconsin, latest edition;
- C. Manual of Uniform Traffic Control – Chapter on Construction Barricading, latest edition;
- D. Time Schedule.
  1. Work must be completed within seven days of state of barricading.
  2. The permit is valid for only three months from its date of issuance.

Backfilling. The permit holder shall give a twenty-four hour notice to Public Works (748-4909) of backfilling. Non-inspected backfill material shall be excavated at the permit holder's expense.

Removing pavement.

- A. When excavations are made in concrete streets or concrete curb and gutter, the pavement must be sawed one-third of the thickness and the portion of concrete to be removed and replaced must be at least eight feet wide or three times the width of the trench, whichever is greater. If a panel of concrete, which remains to the nearest transverse joint, is less than eight feet wide, the concrete must also be removed and replaced to the next longitudinal joint.
- B. Public Works may require jacking or tunneling (boring) on any street where concrete surface or high traffic volumes occur; except in cases where utility failure causes an emergency situation.
- C. When excavations are made in hot mixed asphalt or asphalt over concrete streets, the asphalt pavement must be sawed the entire thickness, and the portion of pavement removed must be at least three times the width of the trench. If the edges of the asphalt break down before the final patch is made, the asphalt shall be resawed, to form a vertical joint between the old and new asphalt.

Excavation of trenches.

- A. The walls of the trench shall be braced if the trench depth exceeds four feet.
- B. All excavations within eighteen inches of any buried utility shall be by hand.
- C. All gas, water and electric lines or conduits must be protected from injury or settling in a manner approved by Public Works. Any corrections must be made within thirty days of notice.

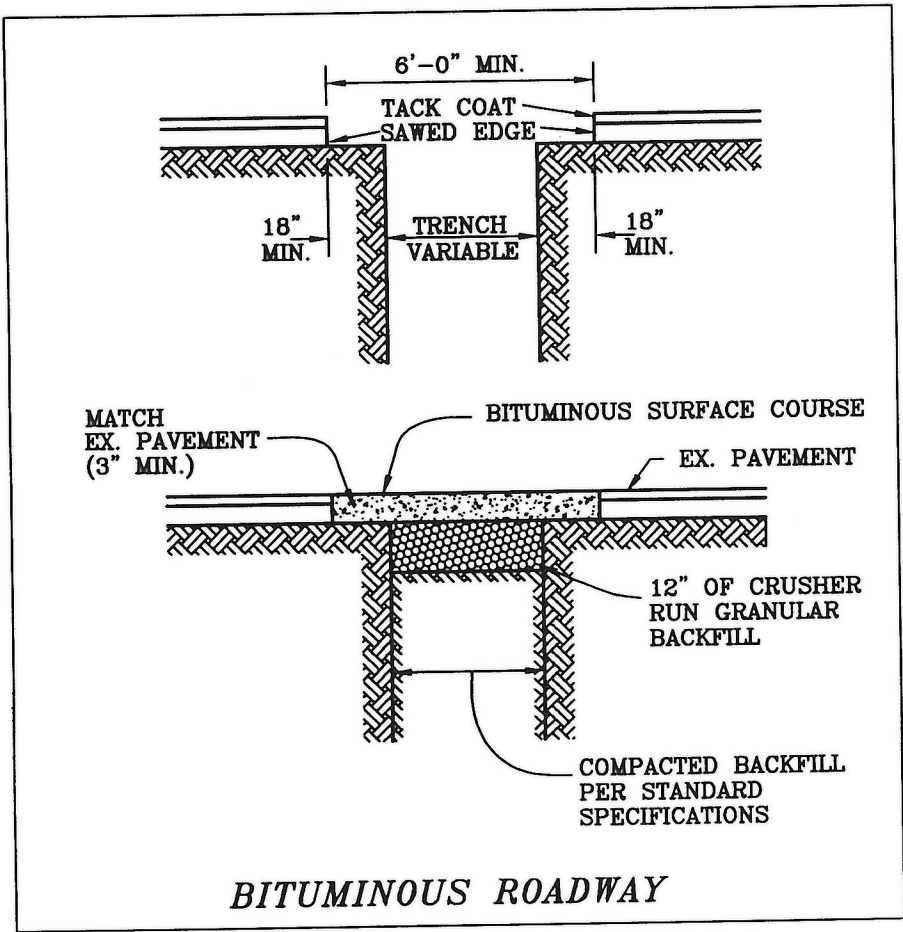
Pipe requirements for all excavations. All utility work in the right-of-way shall conform to the appropriate state and federal regulations. Sewer and water shall conform to the Standard Specifications for Sewer and Water Construction in Wisconsin, latest edition.

Manner in which concrete sidewalks, drive approaches, steps, and terrace to be cut.

- A. Where concrete sidewalks, drive approaches, steps and terrace are encountered in the course of the excavation, a section from joint to joint shall be removed so that the excavation may be properly backfilled, or the sidewalk, drive approach, steps and terrace may be tunneled, under the direction of Public Works. All sidewalks, drive approaches, steps and terrace disturbed or removed in the course of the work shall be rebuilt or made in all respects as good, substantial and permanent as they were before the work was started.
- B. All terraces disturbed in the course of excavation shall be rebuilt or made in all respects as good, substantial and permanent as they were before the excavation was started.

Concrete pavement. Concrete shall be air-entrained, seven-bag mix as per the latest Wisconsin Department of Transportation Specifications for Road and Bridge Construction, and of the same thickness of the surrounding concrete with the surface of the

Original  
reduce at  
80%



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