



**THIS PAGE MUST BE COMPLETED FOR  
UTILITY /EXCAVATION PERMITS**

**Type of work (check one)**

- |  |  |
|--|--|
| <input type="checkbox"/> <b>Sewer</b><br>Type of pipe _____<br>Size _____<br>Insulation type _____                             | <input type="checkbox"/> <b>Phone</b><br>Voltage _____<br>Conductor size & type _____<br>Number of conductors _____          |
| <input type="checkbox"/> <b>Water</b><br>Type of pipe _____<br>Size _____<br>Insulation type _____                             | <input type="checkbox"/> <b>TV cable</b> _____<br>Voltage _____<br>Conductor size & type _____<br>Number of conductors _____ |
| <input type="checkbox"/> <b>Electric</b><br>Voltage & phase _____<br>Conductor size & type _____<br>Number of conductors _____ | <input type="checkbox"/> <b>Storm Water</b><br>Type of pipe _____<br>Modification of Ditch _____                             |

**Type of Installation (check one)**

- Crossing (right-of-way or roadway)**
- Paralleling (right-of-way or roadway)**

**Construction Method for Crossing/Paralleling**

- Open excavation**
- Boring or jacking**
- Mechanical plowing**
- Overhead**

Traffic control required? Yes   
No

**A TRAFFIC PLAN IS REQUIRED FOR ALL PERMITS, WHICH REQUIRE WORK IN ROADWAYS.  
PLEASE SUBMIT A SKETCH SHOWING A TRAFFIC PLAN WITH THE APPLICATION.**

**Include two copies of a site map or a sketch showing the location of all work and two copies of a cross section showing proposed depth of excavation and installation.**

## CONDITIONS FOR UTILITY/EXCAVATION PERMITS

This permit is granted subject to the conditions checked below:

- Excavation within the road embankment of \_\_\_\_\_ is authorized only as shown on the attached plan.
- Reconstruction of the road embankment at each crossing shall require that the entire depth of the excavation be backfilled with selected materials, Type "A" as defined by the latest edition of "Alaska Standard Specifications for Highway Construction." The final (4) inches shall be crushed aggregate, D-1.
- All backfill must be compacted to not less than 95% maximum density. Density test results must be submitted to the FNSB prior to release of bond. At a minimum, permittee must provide the results of tests taken at each one foot of depth of the excavation and at the final grade. Tests must be made in accordance with ASSHTO T-180 D or Alaska T-12 determination of maximum density, and Alaska T-3 or T-11 for determination of field density.
- The final surface shall be 1 ¼ inches hot mix asphalt concrete. Before placing the patch, the existing road surfacing must be "saw cut" a minimum of 12 inches back from the edge of the disturbed roadbed on each side of the trench wall. The elevation of the finished surface after compaction must be smooth and match the existing surface with an allowable tolerance of up to ¼ inches above the existing adjacent surfaces.
- No excavation within the roadbed of any paved or gravel street is authorized.
- Gravel and dirt surfaced roadbeds may be crossed by plowing in the cable. The berm left from the plow must be compacted back down immediately after the cable is laid. Extreme care must be taken to insure that the plow trench does not settle or erode.
- Boring or pushing a conduit under a roadbed is authorized.
- If a bump or a dip develops at any crossing as a result of work under this permit, the road embankment shall be repaired to original or better condition. If settlement or erosion occurs that could damage the road embankment anywhere along the utility route, such settlement or erosion shall be repaired. These repairs shall be required for 2 years from the date that this permit is closed.
- Excavations within the right-of-way outside the road embankment are allowed, but all excavations outside of the road embankment shall be refilled, compacted to 85% maximum density and graded smooth. Ditch shall be graded to drain. Ditch side slopes shall match original condition unless approval received from FNSB.
- A set of as-built plans shall be provided to the FNSB upon completion of the work. These plans shall include:
  - A cross-section of the excavation showing the depth of the installed utility facility, and/or
  - A plan view of the excavation showing the horizontal location relative to the adjacent lot corners or other readily identifiable monuments.
- (PLOWED-IN CABLES)** Utility facilities shall be located out of the road right-of-way whenever possible. Any damage to or relocation costs for plowed-in cables located within the road right-of-way shall not be the responsibility of the FNSB or the service area.
- (EXCAVATED, BORED OR JACKED INSTALLATIONS)** Utility facilities shall be located out of the road right-of-way whenever possible. If utility facilities are constructed as shown on the as-builts, damage or relocation costs for these specific excavated, bored or jacked installations will be borne by the persons causing such damage or relocation.

A bond in the amount of \$\_\_\_\_\_ is required. Typical bond amounts are \$750.00 for crossing a paved street; \$500.00 for crossing a gravel street; \$250.00 minimum amount. Bond amounts vary for longitudinal installations. Instead of a bond, cash or a cashier's check made payable to the FNSB is acceptable. THIS BOND WILL BE RETURNED UPON THE ACCEPTANCE BY THE FNSB IN WRITING OF YOUR COMPLETED WORK.