

CHAPTER 12.20 SPECIFICATIONS FOR UTILITY LOCATION, CONSTRUCTION, OPERATION, MAINTENANCE, REPAIR, RELOCATION AND REMOVAL

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HISTORY

Amended by Ord. 2020-005 §1 on 1/1/2021

12.20.010 Maps And Drawings

The applicant's completed facility shall be in substantial conformance with permit exhibit maps or engineered drawings unless special permission is obtained from the Administrator to vary from the same during installation. When such permission is obtained, the applicant shall furnish the Administrator a set of "as constructed" maps or drawings detailing any such variance within 30 days of completion of the installation.

HISTORY

Adopted by Ord. 203-7 §3.050 on 2/4/1976

Amended by Ord. 2001-016 §2 on 3/28/2001

Amended by Ord. 2011-026 §3 on 1/30/2012

Amended by Ord. 2020-005 §1 on 1/1/2021

12.20.020 Standards Of Work

All work in connection with the facility authorized by the permit shall be done in a neat and workmanlike manner to the entire satisfaction of the Administrator, and the details of construction of the same shall conform to the established rules and regulations now in effect or which may hereafter be put in effect by the Public Utility Commissioner of the state, the Oregon State Board of Health, or other governmental agencies having regulatory authority over such facility.

HISTORY

Adopted by Ord. 203-7 §3.100 on 2/4/1976

12.20.030 Depth

The buried cable or pipe depth shown on the permit form represents the distance from the top of the surface or ground line to the top of the cable or pipe.

HISTORY

Adopted by Ord. 203-7 §3.630 on 2/4/1976

12.20.040 AC-Transite Pipe

AC-transite pipe, fittings and components shall conform to the appropriate and current ASTM or AWWA Specifications written for the specific type of usage that the pipe will receive. Nonpressure pipe crossing a roadway will be a Class 2400 minimum. Pressure pipes crossing a roadway will be enclosed in an approved casing pipe.

HISTORY

Adopted by Ord. 203-7 §3.170 on 2/4/1976

12.20.050 Corrugated Metal Pipe And Concrete Pipe

Corrugated metal pipe and concrete pipe used as a conduit or casing pipe or a gravity flow carrier pipe shall, as a minimum, conform to the requirements of the current issue of State of Oregon Standard Specifications for Highway Construction. Smooth iron or steel pipe used as a conduit or casing pipe shall conform to the appropriate and current ASTM Specifications used for pressure pipe.

HISTORY

Adopted by Ord. 203-7 §3.150 on 2/4/1976

12.20.060 Plastic Pipe

Plastic pipe, fittings and components shall conform to the appropriate and current ASTM or AWWA Specifications written for the specific type of usage that the pipe will receive.

HISTORY

Adopted by Ord. 203-7 §3.160 on 2/4/1976

12.20.070 Locator Wire For Nonmetallic Pipe

~~On all installations, both public and private service, of plastic, AC transite or clay carriers of water, gas or sewage, an insulated copper wire shall be buried with and in close proximity to the carrier. Wire shall be No. 16 or larger. The wire shall be buried the entire length of all such carriers and shall be brought to the surface and connected to ground rods or other suitable grounding devices at sufficient locations to make it possible to connect toning devices to the system for locating.~~

HISTORY

~~Adopted by Ord. 203-7 §3.180 on 2/4/1976~~

~~Amended by Ord. 2020-005 §1 on 1/1/2021~~

12.20.080 Trench Width

~~No trench shall be excavated with a top width in excess of 24 inches more than the outside diameter of the pipe, conduit or cable to be installed unless permission is first obtained from the Administrator.~~

HISTORY

~~Adopted by Ord. 203-7 §3.200 on 2/4/1976~~

12.20.090 Backfilling

~~The backfilling of all trenches and tunnels must be accomplished immediately after the facility authorized by the permit has been placed therein and must be well tamped and fully compacted so as to allow the least possible amount of subsequent settlement. Compactive requirements within the roadway prism shall be those required by County specifications outlined in DCC 12.20.110.~~

HISTORY

~~Adopted by Ord. 203-7 §3.210 on 2/4/1976~~

12.20.100 Crossing Under Surface

~~Unless special permission is first obtained from the Administrator to open cut the roadway surface, pipeline or conduit which crosses under the surfaced portion of the highway, including shoulders, road or street connections, or road approaches or driveways, shall either be tunneled, jacked or driven, or placed in a hole bored under the surface for that purpose in accordance with the following provisions:~~

- ~~1.—Trenching in connection with any of these methods shall be no nearer the toe of the fill slope in fill sections or the point where the outer edges of the surfacing meets the subgrade in other sections than two feet or as specified in the special provisions, whichever is greater.~~
- ~~2.—If the tunneling method is used, it shall be by an approved method which supports the surrounding materials so as to prevent caving or settlement. Areas around the installed pipe or conduit shall be backfilled with moist sand, granular material or cement grout, filling all voids and packed in place with mechanical tampers or other approved devices. Lagging, bulkheading and timbering shall be removed as the backfilling progresses.~~
- ~~3.—When the jacking, driving or boring method is used, it shall be by approved means which will hold disturbances of surrounding material to a minimum. Sluicing and jetting is not permitted.~~

~~Voids or displacement outside the outside perimeter of the pipe, conduit or cable where greater than 0.1 foot, shall be filled with sand or cement grout packed in place.~~

- ~~4. Road cuts will not be permitted on any pavements that are under 5 years old unless special approval is obtained from the Administrator. Unless the Administrator approves the road cut, the Contractor will be required to bore and jack the installation.~~

HISTORY

Adopted by Ord. ~~203-7~~ §3.400 on 2/4/1976

Amended by Ord. ~~2011-026~~ §3 on 1/30/2012

12.20.110 Open Cutting, Backfill, Resurfacing

- ~~1. When special permission is granted to open cut the surfaced portion of the highway, the following provisions shall be adhered to:
 - ~~1. Trenches shall be cut to have vertical faces, where soil and depth conditions permit, and shall be shaped where necessary.~~
 - ~~2. The trench edges in paved areas shall be sawed or cut to neat lines by methods satisfactory to the Administrator to a depth sufficient to permit removal of pavement without damage to the pavement to be left in place. Pavement within the cutting limits together with all other excavated material shall be removed and disposed of outside the County road right of way.~~
 - ~~3. In trenching across the County road, no more than one half of the traveled way is to be opened at one time. The opened half shall be completely backfilled before opening the other half.~~
 - ~~4. Closure of intersecting streets, road approaches or other access points will not be permitted. Upon trenching across such facilities, steel running plates, planks or other satisfactory methods shall be used to provide for traffic to enter or leave the highway or adjacent property.~~
 - ~~5. No more than three hundred feet of trench longitudinally along the highway shall be open at one time and no trench shall be left in an open condition overnight, unless properly lighted and protected in an approved manner.~~
 - ~~6. Immediately after the facility authorized by the permit has been placed in the trench, the trench shall be backfilled.~~~~
- ~~2. The trench shall be backfilled as follows, unless otherwise specified by the permit:
 - ~~1. Bedding shall be provided to a minimum depth of four inches below the pipe and 12 inches above the pipe. Bedding shall consist of granular material, free of lumps, clods, stones and frozen materials and shall be graded to a firm but yielding surface without abrupt change in bearing value. Unstable soils and rock ledges shall be subexcavated~~~~

~~from the bedding zone and replaced by suitable material. The bottom of the trench shall be prepared to provide the pipe with uniform bedding throughout the length of the installation.~~

~~2.—Trenches shall be backfilled as outlined in DCC 17.48.270.~~

~~3.—Wearing surface and foundation material shall be as follows:~~

~~1.—Where original surface was asphalt concrete or bituminous treatment or mix replace according to DCC 17.48.270.~~

~~2.—Where original surface was portland cement concrete:~~

~~1.—Wearing surface, either portland cement or asphalt concrete placed to a thickness of six inches or the thickness of the removed pavement, whichever is greater;~~

~~2.—Foundation material, same as for asphaltic concrete.~~

~~3.—Where original surface was crushed rock or gravel replace according to DCC 17.48.270.~~

~~4.—All materials in DCC 12.20.110 and DCC 12.20.110(B), and their placement, shall conform to the requirements of the current ODOT/APWA Oregon Standard Specifications for Construction.~~

HISTORY

Adopted by Ord. 203-7 §3.500 on 2/4/1976

Amended by Ord. 2001-016 §1 on 3/28/2001

Amended by Ord. 2011-026 §3 on 1/30/2012

Amended by Ord. 2020-005 §1 on 1/1/2021

12.20.120 Burying Of Cable

Unless special permission is first obtained from the Administrator, direct burial of cable placed by the ploughing method shall be limited to areas outside the surfaced portion of the highway.

HISTORY

Adopted by Ord. 203-7 §3.600 on 2/4/1976

12.20.130 Pedestals And Meters

Pedestals and meters installed as part of a buried cable, water or gas installation are to be located one foot from the right of way line unless special permission is obtained from the County engineer to locate elsewhere. In no case shall the pedestals and/or meters be located within the County road maintenance operating area, including mowing operations, or nearer the pavement edge than any official road sign in the same general location.

HISTORY

Adopted by Ord. 203-7 §3.620 on 2/4/1976

Amended by Ord. 203-7 on 10/30/1979

12.20.140 Cleanup

All debris, refuse and waste of all kinds which may have accumulated upon the County road right of way by reason of the operations of the applicant, shall be removed immediately upon completion of the operations, and the County road right of way must be restored to at least as good condition as it was prior to such operations.

HISTORY

Adopted by Ord. 203-7 §3.300 on 2/4/1976

12.20.150 Restoration Of Surface; Repairs

1. All roadbed surfaces disturbed by utility installations, adjustments or repairs covered by permit, will be repaired or replaced within 24 hours after completion of backfilling of the final phase of the roadway cut, except if specifically allowed for by special provisions listed in the permit.
2. All roadbed surfaces disturbed by utility installation, adjustments or repairs covered by permit that result in hazards to the traveling public will be either replaced or repaired immediately or adequately barricaded and signed to warn the public that a hazard exists. When such a hazard exists and is suitably barricaded and signed, repair or replacement will be accomplished within one week, or as permitted in DCC 12.20.150(A).
3. Any replacement or repair not accomplished by the applicant under DCC 12.20.150(A) or DCC 12.20.150(B), within the specified time will be undertaken by the County without prior notice to the applicant and at the expense of the applicant. The County will also make any immediate repairs, alterations or additions to any barricading, signing or warning for a hazardous area when such barricading, signing or warning is found to be inadequate, inappropriate or ineffective without prior notice to the applicant.
4. The applicant will reimburse the County for the actual cost of materials, labor, equipment and overhead.
5. For a period of one year following the patching of any paved surface, the applicant shall be responsible for the condition of such pavement patches, and during that time shall, upon request from the Administrator, repair to the County's satisfaction any of the patches which become settled, cracked, broken or otherwise faulty.

HISTORY

Adopted by Ord. 203-7 §3.550 on 2/4/1976

Amended by Ord. 2011-026 §3 on 1/30/2012

12.20.160 Maintenance And Operation

The applicant shall at all times keep facilities authorized by the permit in a good state of repair.

HISTORY

Adopted by Ord. 203-7 §3.700 on 2/4/1976

12.20.170 Warning Signs

Standard warning signs for buried power or communication cable and for pipelines carrying gas or flammable liquids shall be placed at each crossing under the County road and at intervals along longitudinal installations as required by current State Public Utility Commissioner order or as specified by the Administrator:

1. Signs shall be offset as near the right of way line as practical.
2. Signs for installations located within the County road roadbed may be placed behind existing guardrail.

HISTORY

Adopted by Ord. 203-7 §3.610 on 2/4/1976

12.20.180 Trees And Shrubs

Except in case of an emergency no trees or branches larger than six inches in diameter shall be cut without previous permission from the Administrator.

HISTORY

Adopted by Ord. 203-7 §3.710 on 2/4/1976

12.20.190 Removal, Relocation Or Repair; Required When

The permit is issued pursuant to the laws of the state which authorizes the Board to subsequently require the applicant to remove, relocate or repair the pole line, buried cable or pipeline covered by the permit at the sole cost of the applicant and by applying, the applicant consents and agrees to such condition.

HISTORY

Adopted by Ord. 203-7 §3.900 on 2/4/1976

12.20.200 Removal, Relocation Or Repair; Notice

Upon receiving written notice from the Board to remove, relocate or repair the pole line, buried cable or pipeline, the applicant shall within 60 days remove, relocate or repair same, at his sole cost, in accordance with the written notice. Under unusual circumstances the Administrator may grant a written extension in time if the applicant can show the need for an extension.

HISTORY

Adopted by Ord. 203-7 §3.905 on 2/4/1976

12.20.210 Removal, Relocation Or Repair; Bond

~~Before commencing such removal, relocation or repair, the applicant shall furnish such insurance and post such bond as the Board may consider necessary at that time in the manner provided for in DCC 12.24.100.~~

~~HISTORY~~

~~Adopted by Ord. 203-7 §3.910 on 2/4/1976~~

~~**12.20.220 County Removal, Relocation Or Repair; Conditions And Costs**~~

~~Should the applicant fail to remove, relocate or repair the pole line, buried cable or pipeline, as provided in DCC 12.24.190 and DCC 12.24.200, the County may remove, relocate or repair the same and submit a statement of total costs for the work to the applicant. The applicant upon receiving such statement will immediately, or within a period of time agreed upon between the applicant and the Board, pay to the County the full amount of such removal, relocation or repair costs.~~

~~HISTORY~~

~~Adopted by Ord. 203-7 §3.915 on 2/4/1976~~

~~**12.20.230 Removal, Relocation Or Repair; Recovery Of Attorney's Fees**~~

~~The applicant agrees that, in the event he fails, as provided in DCC 12.20, to pay the costs incurred by the County for the removal, relocation or repair of the pole line, buried cable or pipeline, and it becomes necessary for the County to commence an action or proceeding in a court of competent jurisdiction to recover the removal, relocation or repair costs that the County shall be entitled to recover in addition to the statutory court costs and disbursements, such additional sum as the court may adjudge reasonable for attorney's fees to be allowed in such action or proceeding.~~

~~HISTORY~~

~~Adopted by Ord. 203-7 §3.920 on 2/4/1976~~