

TITLE VII: CHAPTER 700 – GENERAL PROVISIONS FOR UTILITY FACILITIES

DELETE SECTION 700.010 (A.) (3.) (b.)

Minimum cover for new underground installations. Underground water line installation shall have a minimum cover of forty-two (42) inches. All other underground direct buried cable may have a minimum of twenty-four (24) inches cover and buried service wires not crossing a roadway may have a minimum of twelve (12) inches cover.

ADD SECTION 700.010 (A.) (3.) (b.)

Minimum cover for new underground installations. Underground water line installation shall have a minimum cover of forty-two (42) inches. All other underground installations shall have a minimum cover of thirty (30) inches, except underground direct buried cable may have a minimum of twenty-four (24) inches cover and buried service wires not crossing a roadway may have a minimum of twelve (12) inches cover. The County Engineer may request greater minimums.

DELETE SECTION 700.010 (A.) (4.) (a.) (1) (a)

All new facilities shall be installed and maintained without cutting or damaging the roadway surface or paved shoulders except that in the event that underlying rock formations or other obstructions are encountered that prevent boring or pushing operations, special permission may be granted for pavement cuts when the need is established.

ADD SECTION 700.010 (A.) (4.) (a.) (1) (a)

All new facilities shall be installed and maintained without cutting or damaging the roadway surface or paved shoulders except that in the event that underlying rock formations or other obstructions are encountered that prevent boring or pushing operations, special permission may be granted for pavement cuts when the need is established. Any voids occurring as a result of boring or pushing casings or other facilities under roadways or approaches shall be filled to the satisfaction of the County Engineer by a method and with material approved by the County Engineer.

DELETE SECTION 700.010 (A.) (4.) (a.) (2) (b) (iii)

Gas service connections of steel or copper constructed and protected in accordance with and meeting the applicable material requirements.

ADD SECTION 700.010 (A.) (4.) (a.) (2) (b) (iii)

Gas service connections of steel or polyethylene (PE) constructed and protected in accordance with and meeting the applicable material requirements.

ADD SECTION 700.010 (A.) (4.) (a.) (2) (b) (v)

Natural gas distribution pipe of polyethylene (PE) plastic, traceable, installed by a horizontal bore method at a minimum depth of thirty (30) inches under ditches and roadways, constructed in accordance with and meeting applicable material requirements.

DELETE SECTION 700.010 (A.) (5.) (b.)

Gas lines.

- (1) Copper for gas shall meet with requirements of ASTM Specification B88-76 Type K or latest revision thereof or ANSI B31.8-1975 or latest revision thereof.
- (2) Thermoplastic pipe for gas transmission shall conform to all of the requirements of the USA Standard Code for Pressure Piping, Gas Transmission and Distribution Piping System, ANSI B31.8-1975. Thermoplastic pipe shall conform to the requirements of ASTM D2513-76 or the latest revision thereof. Dimensions shall not be less than that specified in ASTM D2513-76. The owner shall furnish to the highway engineer a certification by the manufacturer that the pipe supplied will conform to the specified requirements. Such certification shall include substantiating test results representative of the pipe to be furnished.
- (3) Welded steel pipelines shall meet the requirement of ANSI B31.1-1977 and ANSI B31.8-1975 or ANSI B31.4-1974 or latest revision thereof.

ADD SECTION 700.010 (A.) (5.) (b.)

Gas lines.

- (1) Copper piping used for gas distribution systems shall comply with the current applicable requirements of ASTM B88 Type K, and ASME/ANSI B31.8 “Gas Transmission and Distribution Piping Systems”, or Title 49, Code of Federal

Regulations, Part 192, “Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards”.

- (2) Thermoplastic piping used for gas distribution systems shall comply with the current applicable requirements of ASTM B88 Type K, and ASME/ANSI B31.8 “Gas Transmission and Distribution Piping Systems”, or Title 49, Code of Federal Regulations, Part 192, “Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards”. Thermoplastic pipe, tubing and fittings used for gas distribution shall comply with ASTM D2513, Standard Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings”.

- (3) Steel piping used for gas distribution systems shall comply with the current applicable requirements of ASTM B88 Type K, and ASME/ANSI B31.8 “Gas Transmission and Distribution Piping Systems”, or Title 49, Code of Federal Regulations, Part 192, “Transportation of Natural and Other Gas by Pipeline: Minimum Federal Standards”.