

1035 - Pipe Markers

Effective 4/1/2012

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1. PIPE MARKER INSTALLATION

1. Install line markers when a distribution or transmission line crosses or lies in close proximity to an area where the potential for future excavation or damage is likely. Typical examples include the following:
 1. Drainage areas (such as flood-prone watercourses).
 2. Irrigation ditches and canals subject to periodic excavations for cleaning out or deepening. Drainage ditches subject to periodic grading, including those along roads.
 3. Agricultural areas in which deep plowing or deep-pan breakers are employed.
 4. Active drilling or mining areas.
 5. Areas of logging activity.
 6. Waterways or bodies of water subject to dredging or shipping activities. See Details [1.01.250](#) and [1.01.252](#).
 7. Industrial or plant areas where excavating, earth moving, and heavy equipment operating activities are routine.
2. Refer to O&M [Ch 12-D Line Markers for Mains and Transmission Pipelines](#) for additional requirements for Pipe Markers.

2. TRANSMISSION LINES

1. Install markers at fence lines, angle points or other locations along the right-of-way wherever the party exerting control over the surface use of the land will permit such installations.
2. When the conventional markers are not feasible other methods of indicating the presence of the line shall be used such as flags, cast monument posts, signs, or other appropriate methods.
3. Provide temporary markers in areas of known heavy construction activity (particularly along highways, strip mines, logged forests, and major

3. DISTRIBUTION LINES

1. One pipe marker should be installed at every general location that contains at least one of the following:
 1. Valve boxes (installed on mains and services)
 2. Test point
 3. Line tee
 4. Road crossing
 5. Terminus of a distribution main.
2. In addition to the requirement listed in (A), additional pipe markers shall be placed, at a minimum, to retain continuous line of sight when within areas of known construction activity. Where practical, more markers shall be added if additional concerns exist. These areas include, but are not limited to
 1. Subdivision, apartment, or other residential construction
 2. Commercial construction
 3. Road construction
 4. Logging activities
 5. Utility construction

4. REFERENCE DRAWINGS AND PROCEDURES

1. Construction Detail Manual:
 - [1.01.100 - Pipeline Marker - Gas Distribution Sign](#)
 - [1.01.110 - Pipeline Marker - Gas Pipeline Sign \(Alternate Method\)](#)
 - [1.01.111 - Pipeline Marker - High Pressure Sign](#)
 - [1.01.150 - Right of Way Marker - Boundary Indicator](#)
2. Operations Manual:
 - [Ch 12-D Line Markers for Mains and Transmission Pipelines](#)

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