

**Department of Transportation
State of Georgia
Special Provision**

**P.I. NO. 0010782
District 7**

Section 105 - Control of Work

Add the following to Sub-Section 105.06:

105.06 Cooperation with Utilities

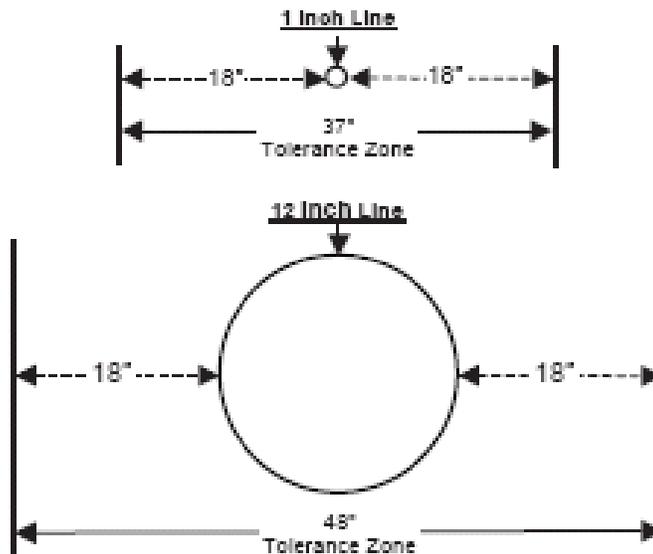
A. White Lining

The Contractor will designate the route(s) and/or area(s) to be excavated using white pre-marking, White Lining, prior to notifying the One Call Center, 811 Center, and before the locator arrives on the project. The definition of excavation shall be in accordance with O.C.G.A. 25-9-1.

1. The Contractor will mark excavation sites with the following uniform color code:

White	Proposed Excavation
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2. The Contractor shall observe a tolerance zone which is comprised of the width of the facility plus 18" on either side of the outside edge of the underground facility on a horizontal plane. The following examples are of tolerance zones for a 1 inch and a 12 inch line.

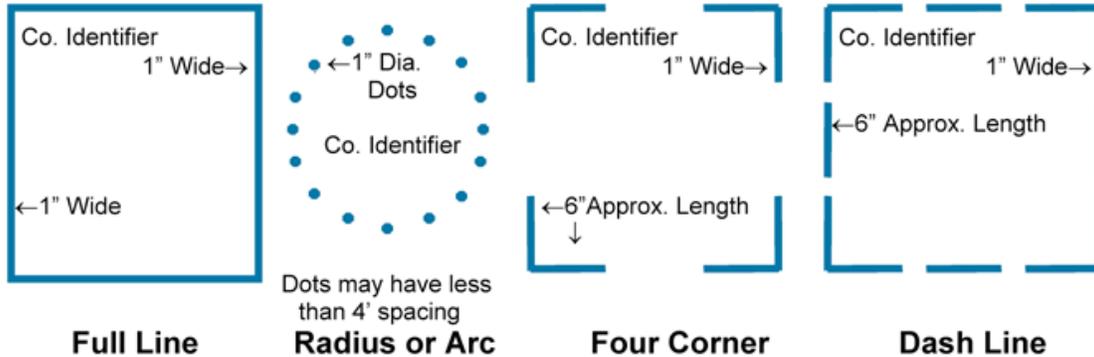


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2. Excavation Delineation

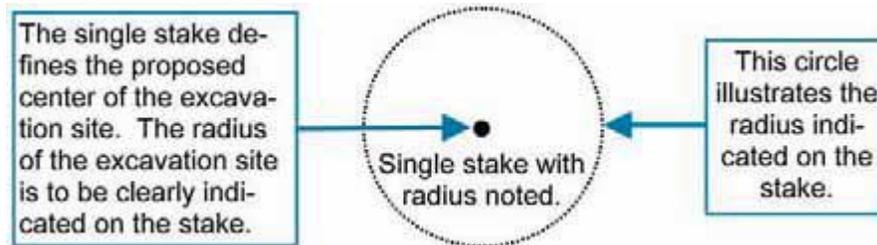
The Contractor shall mark the route(s) and/or area(s) to be excavated using Full Line, Radius or Arc, Four Corner, or Dash Line approach. The use of white marking products (e.g. paint, flags, stakes, whiskers or a combination of these) shall be used to identify the excavation site(s).

a. Single Point Excavations Paint Markings



Delineate in white paint the route(s) and/or area(s) to be excavated through the use of: a continuous line, dots marking the radius or arcs, dashes marking the four corners of the excavation site or dashes outlining the excavation site. Limit the size of each dash to approximately 6” to 12” (127 mm to 254 mm) in length and 1” (25 mm) in width with interval spacing approximately 4’ to 50’ (1.3 m to 13 m) apart. The maximum separation of excavation marks is to be reduced to a length that can be reasonably seen by the operator’s locators when the terrain or excavation site conditions warrant it. Dots of approximately 1” (25 mm) diameter are typically used to define arcs or radii and may be placed at closer intervals in lieu of dashes.

b. Single Stake Marking Center Point of Excavation Site



When an excavation site is contained within a 50’ (13 m) maximum radius, or less, it can be delineated with a single stake that is positioned at the proposed center of the excavation. If the Contractor chooses this type of delineation they shall convey that they have delineated the excavation site with a single stake at the center of the excavation and include the radius of the site in the notification to the One Call Center, 811 Center. This single stake is to be white in color with the following information: Contractor’s company identifier (name, abbreviations, or initials) and the radius of the excavation site in black letters on the stake or with a notice attached to the stake.

c. Trenching, Boring, or Other Continuous Type Excavations Continuous Excavation Marking

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Mark in white paint the proposed centerline of planned excavation 6” to 12” x 1” arrows, approximately 4’ to 50’ apart to show direction of excavation. The maximum separation of excavation marks is to be reduced to a length that can be reasonably seen by the operator’s locators when the terrain at an excavation site warrants it. Mark lateral excavations with occasional arrows showing excavation direction from centerline with marks at curb or property line if crossed. Dots may be used for curves and closer interval marking.

- d. Stakes, Flags or Whiskers Excavation Markers



Delineate the route(s) and/or area(s) to be excavated through the use of: stakes, flags or whiskers to mark radius or arcs, the four corners of the excavation site or outlining the excavation site instead of using spray paint. Limit the interval spacing to approximately 4’ to 50’(1.3 m to 13 m). The maximum separation of excavation marks is to be reduced to a length that can be reasonably seen by the operator’s locators when the terrain at an excavation site warrants it. Stakes, flags or whiskers provided to illustrate arcs or radii may be placed at closer intervals in order to define the arc or radius. Stakes, flags or whiskers are white in color with the Contractor’s company identifier (name, abbreviations, or initials) provided on the stake, flag or whisker.