TRANSACTION RECORD (TR 2004-02)

Purpose: Radar-Based Locating

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Final Practice Wording to Appear in Best Practices Version 3.0 -**

> ***Radar-Based Locating Practice Statement:*** *When electromagnetic locating is not possible, radar-based technologies can be used.*
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> ***Practice Description:*** In cases where non-conductive utilities cannot be located using electromagnetic means, radar-based methods such as ground penetrating radar and associated technologies can be used to determine the location(s) of such utilities. It is important to note that these technologies are not applicable in all areas or conditions, as conductive soils and materials obscure radar signals. Users of these technologies should have the degree of knowledge and training required to operate the associated equipment and/or interpret the results. Applicable radar frequencies range from 200 MHz to 900 MHz, where higher frequencies provide higher resolution but shallower depth of penetration.

***Best Practices 3.0 to be published December 2005.*