

## 02 30 00 Subsurface Investigation

Revision 01/04/2019

### **Purpose:**

The Architect and/or Engineer shall incorporate the Rice specific requirements indicated in this standard's section into their design. The Architect and/or Engineer shall further produce project specifications in line with industry standards that are updated to reflect these Rice specific requirements.

### **1. General Requirements**

- a. Contractor shall utilize the Texas 811 system as well as Rice Construction Services and Rice IT (for fiber location) in subsurface investigation.
- b. Utility providers only mark up to their point of demarcation. The utilities may not mark "after the meter"
- c. Rice University has multiple utilities that are "Private Service". These are owned and operated by the University, and not marked during a Texas 811 inspection.
- d. The University also has a large number of utility tunnels that must be avoided.
- e. Contractor shall have a pre-excavation meeting with the Rice Project Manager to go over possible buried utilities.
- f. Depending on proximity and risk, ground penetrating radar and hydro excavation may be required.
- g. Test wells, borings and other minimalized excavation will require the same general procedures.