

811 Underground Utility Safety & Damage Prevention Process Survey

Recently AGC of America conducted an 811 underground utility safety and damage prevention process (811 process) survey of heavy water/wastewater, highway/bridge, telecom, gas transmission and distribution, energy infrastructure contractors. The purpose of the survey is to provide an accurate accounting of the professional excavator/construction industry's' experience with the 811 process.

The survey results make it clear, there is room for improvement by all stakeholders. All stakeholders, particularly facility owner/operators, must be held accountable for failing to execute their responsibilities in the process. Often these failures are the root cause of damages that occur during excavation activities.

Key findings of the survey show:

- 99% of professional excavators are familiar with their local 811 program/requirements
- 73% of respondents found weaknesses in the 811 process
- Top 3 weakest elements in the 811 process:
 - 78% of respondents identified the lack of accurate utility locating by facility owner/operators as the weakest element
 - o 56% identified utility owner/operator response time as the weakest element
 - 52% identified wait time for facility owner/operators to clear a locate request as the weakest element
- 98% of respondents found excavators/the construction industry should have vested representation on 811 center boards of directors
- 43% found abandoned facilities are seldom marked by utility owner/operators and treated as live lines
- 53% of respondents found unmarked/mismarked facilities by facility owner/operators in response to a locate request as the most frequent cause of damages and near miss events

	in
their overall safety programs	

The 811 process involves multiple stakeholders, each with grave responsibilities they must execute properly for the overall process to work. Facility owner/operators must be members of their local 811 center, have up-to-date maps of the facility locations and competent technicians locating and marking their facilities accurately. One call centers are the communication hub for the process and must reliably take locate requests in detail and pass them on to owner/operators to act on; and finally, the excavator must have an effective program in place to communicate with other stakeholders and deal with existing



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