

SAFETY FOR CONTRACTORS

Specialized

Take care with sign installation and maintenance

The primary electrical hazards involved with sign installation and maintenance is exposure to overhead and underground electric conductors and equipment.

Before the installation of a new sign or maintenance of an existing one, ensure you maintain the necessary minimum approach distances as specified by OSHA for crane and derrick work, and as specified in Table B for people, materials and non-crane equipment.

Energized line voltage minimum approach distance (Table B)	
Up to 50,000 volts	10 feet
50,000 – 69,000 volts	11 feet
69,001 – 115,000 volts	13 feet
115,001 – 161,000 volts	14 feet
161,001 – 230,000 volts	16 feet
230,001 – 345,000 volts	20 feet
345,001 – 500,000 volts	25 feet

Before digging for new foundations or to set a pole, ensure that you call the Arizona Blue Stake center at least two working days before the work begins.

You should also ensure that the electrical supply to your sign, if equipped, is provided by a licensed electrical contractor.

If you cannot maintain the proper minimum approach distances or the separation of structures from energized lines, contact the APS Public Safety Department.