



PRE FABRICATED LOOPS

Guardian's Pre-Fabricated Loops are the most versatile loops made. They may be installed as pre-formed loops for new installs under various road surfaces or they may be installed as surface loops where it is not possible to sawcut. They may be laid out in various shapes to go around obstacles such as drainage grills. All standard loops have three turns of double insulated AWG 16 Gauge wire, decreasing short to ground problems.

INSTALLATION INSTRUCTIONS

Underground loops for new construction

Determine the location for the loop and layout. In the case of AB surface place just prior to paving. Excavate a small trench for the loop to lie in – then place loop in trench and cover. It is best to cover with sand to eliminate rocks from damaging the loop. Make sure the tail of the loop is outside the pavement area.

If the loop is going in concrete discuss the loop placement with the concrete contractor. Typically, the loop should be placed approximately 4" below the top of the surface to keep the concrete from cracking along the lines of the loop. Remove any rebar or wire mesh in the immediate area of the loop and do not place the loop below any rebar. Make sure the tail of the loop is outside the concrete area.

Surface mount loops

Determine the location for the loop and layout. Take the rubber mounting pads, then bend and place the loop in the slot making sure the pads are continuous over the entire loop and tail. Prepare the epoxy in accordance with manufacturer's recommendation. Place the epoxy on the road surface then place the loop firmly down. Make sure the tail of the loop is off the roadway. Allow epoxy to set before accepting any traffic.