Loop Instructions

LOOPS:

1 Layout the loops, per the enclosed drawing with a lumber crayon. The corners are squared off to avoid 90 degree bends in the loop wire which may lead to wire breakage.

2 With an asphalt or concrete saw, cut a ¼" wide by 1" to 1-1/4" deep "trench".

3 Blow the dust out of the trench when complete.

4 Starting at the gate operator, allow extra slack to reach beyond the operator (you will lose a little when you twist the wire) and insert the wire into the trench going around the loop 3 complete revolutions or "turns" OR enough turns to give you 100 feet of ire in the loop (a 5' x 20' loop has a perimeter of 50' x 2 turns around equals 100 feet of wire in the loop). Do not make the loops less than 3' wide, as the loop field will not be very high above the asphalt).

5 When your wire comes out of the paving, it must be in a conduit or flex and the wires must be twisted at a rate of 6 turns per foot, minimum.

SEALANT:

- Wear surgical gloves (it won't hurt you, but it is messy).
- Mix the sealant in the one gallon can with a stir stick.
- Pour ½ of the gallon into a 2 liter pop bottle using a funnel or poke holes in opposing sides of the lid. Fill several bottles in this manner.
- Add one tube of the hardener to the first pop bottle, put on the cap we supplied and with your thumb over the cap, shake it well.
- You may need to cut the spout slightly. Squeezing the bottle, put the sealant into the trench, bring the volume flush with the surface (we make several "trips" around the loop, partially filling it and the go around again and again until it is flush to allow for settling).
- You can reuse the bottle top a few times if the sealant doesn't set up too quick, but in hot weather, it will set fast.
- Traffic can drive over it as soon as it is set (approx. 15 minutes).