

MODEL PFL



Preformed Loop



The PFL preformed vehicle detection loop is constructed of stranded wire conductors with XLP thermoplastic elastomer insulation jacketing. The outer shell is flexible nonmetallic 0.26" tubing. The vehicle detection loop includes electronic lightning protection. The lead-in wire is twisted, shielded and 50 ft. long.

- Rugged and flexible TPE tubing with overall diameter of 0.26 inches suitable for saw-cut, tar and concrete installation
- Lightning protection. Includes electronic lightning protection of vehicle detectors
- Comes with 50 ft. of twisted and jacketed lead-in wire
- Loops can be shipped by UPS

Operating Temperature: -60° to +260°F
Overall Diameter of loop wire: 0.26" tubing
Loop dimensions: 4' X 8' standard (PFL-48), other sizes available. Call for special sizes.
Lead-in wire: 50 ft. long, twisted wire in PVC jacket.



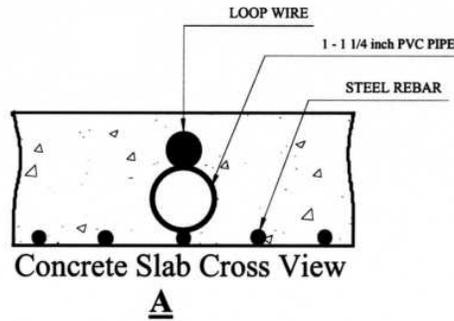
ENGINEERED PARKING SYSTEMS

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LOOP INSTALLATION

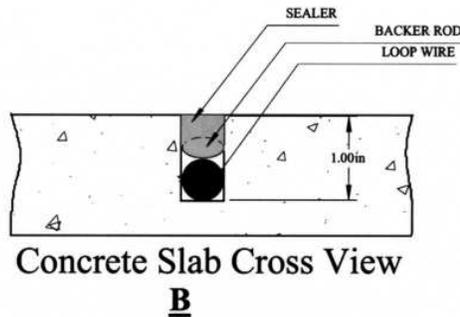
NEW SLAB POUR

Ty-Wrap 1- 1/4" PVC pipe to the top of the rebar in the size and configuration of your loop size. (example 4'x8') Then Ty-wrap the loop to the top of the PVC frame. This stabilizes the loop during the pour and separates it from the rebar. Refer to drawing "A"



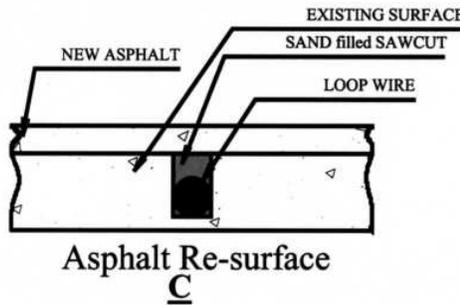
SAW CUT EXISTING SURFACE

Cut 1" deep cut in existing surface, place 45° cut at the corners to relieve stress on the wire. Notch out for the "T" and place into the saw cut. Place backer material into saw cut over loop wire and push down tightly. Place a good grade sealer over the saw cut to seal surface. Refer to drawing "B"



RESURFACE ASPHALT INSTALLATION

Saw cut existing surface 3/4" deep and place loop into bottom of saw cut. Place sand over loop wire to surface of existing surface and pack tightly. Lay new asphalt. Refer to drawing "C"



Note: Detection height is roughly 70% of the shortest side of loop. Example 4' x 8' = approx 34" detection height.



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