

# NEW! EMX LITE PREFORMED LOOPS™

## EMX LITE PREFORMED LOOPS

- 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 feet of twisted and jacketed lead-in-wire.
- Loops can be shipped by regular UPS.
- Call for special sizes and custom quote.



## ARCHITECTURAL SPECIFICATIONS

The EMX Lite Preformed Loop™ 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 and shielded wire a minimum of 50 feet long.

## TECHNICAL SPECIFICATIONS

**Operating Temperature:** -60° F to +260° F

**Overall Diameter of loop wire:** 0.26"

**Loop Dimensions:** 4'x6' thru 4'x12' standard, custom sizes available.

**Lead-in-wire:** 50 feet long, twisted wire in PVC jacket.

**Loop wire approvals:** UL subject 13, Type PLTC 300V, 90C passes IEEE-328,210,000, BTU Flame Test Pennsylvania, Bureau of Deep Mine Safety, Approval P-MWMS-1-85.

CALL FOR SPECIAL SIZES AND QUOTE.



WE ACCEPT MASTERCARD, VISA AND AMERICAN EXPRESS CREDIT CARD ORDERS.

**EMX INDUSTRIES, INC.**  
4564 Johnston Parkway  
Cleveland, Ohio 44128

Telephone:  
1-800-426-9912  
216-518-9888

Fax: 216-518-9884

Email: [salesupport@emxinc.com](mailto:salesupport@emxinc.com)

WEB: <http://www.emxinc.com>

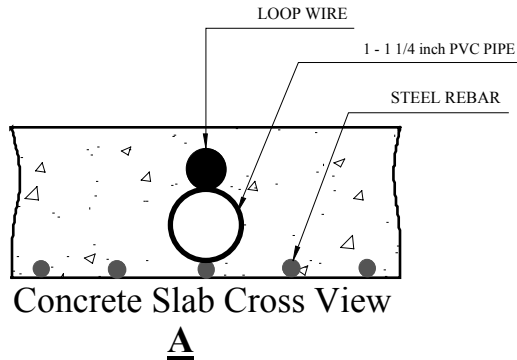
**EMX**  
INDUSTRIES, INC.

# NEW! EMX LITE PREFORMED LOOPS™

## LOOP INSTALLATION

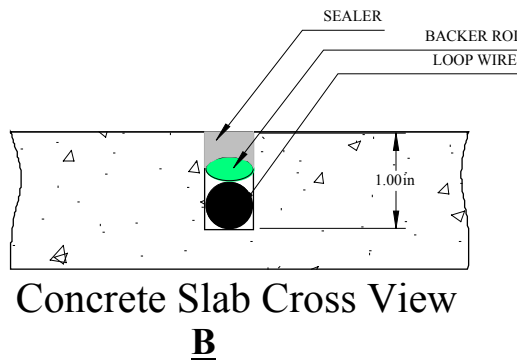
### NEW SLAB POUR

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

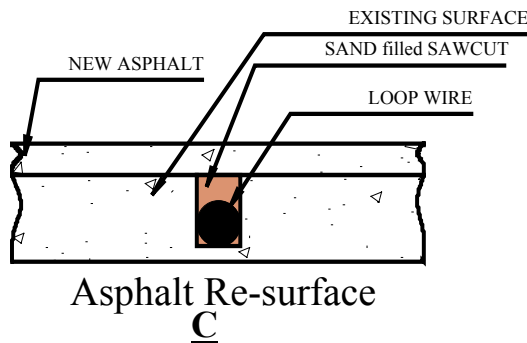
Cut 1" deep cut in existing surface, place 450 cut at the corners to relieve stress on the wire. Notch out for the "T" and place into the saw cut. Place backer material into saw cut over loop wire and push down tightly. Place a good grade sealer over the saw cut to seal surface. Refer to drawing "B"



### 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.

## WARRANTY

EMX INC. the product described herein for a period of 2 years under normal use and service from the date of sale to our customer. The product will be free from defects in material and workmanship. This warranty does not cover ordinary wear and tear, abuse, misuse, overloading, altered products, or damage caused by the purchaser from incorrect connections, or lightning damage.

There is no warranty of merchantability. There are no warranties expressed, implied or any affirmation of fact or representation which extend beyond the description set forth herein.

EMX Inc. sole responsibility and liability, and purchaser's exclusive remedy shall be limited to the repair or replacement at EMX's option of a part or parts not so conforming to the warranty. In no event shall EMX Inc. be liable for damages of any nature, including incidental or consequential damages, including but, not limited to any damages resulting from non-conformity defect in material or workmanship.