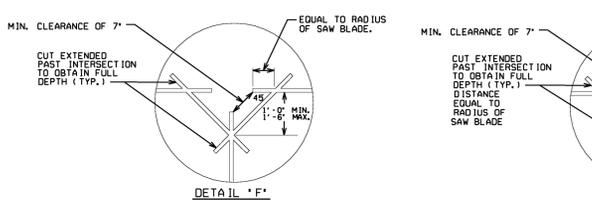
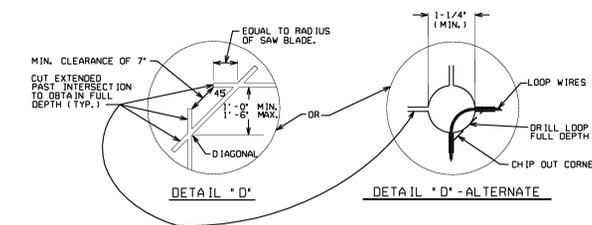
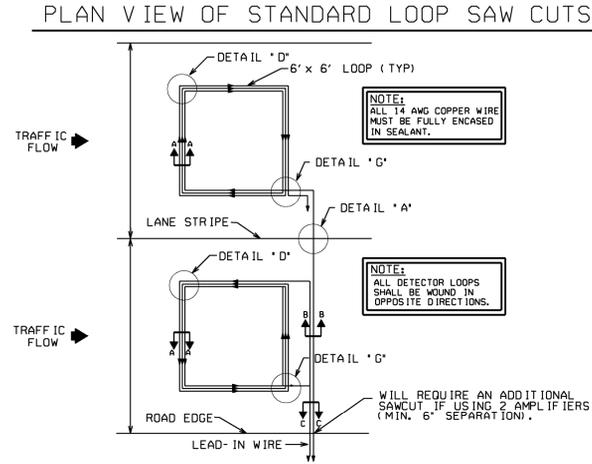
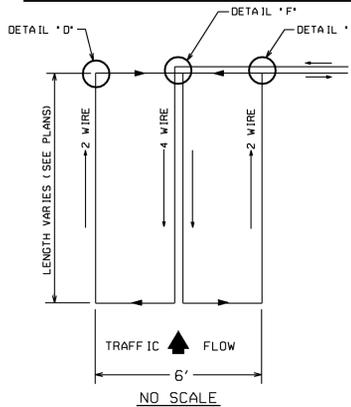


## INDUCTIVE LOOP VEHICLE DETECTOR DETAILS USING STRANDED COPPER WIRE

### PLAN VIEW OF STANDARD LOOP SAW CUTS



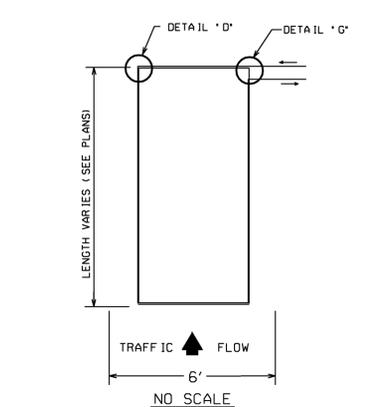
### PLAN VIEW OF QUADRUPOLE



### LOOP WIRE CONFIGURATION

THE DOUBLE LAYER CONFIGURATION (2-4-2) SHOWN IS A MINIMUM DESIGN FOR NORMAL INSTALLATIONS WHEN REQUIRED BY THE PLANS.

### PLAN VIEW OF STANDARD LOOP

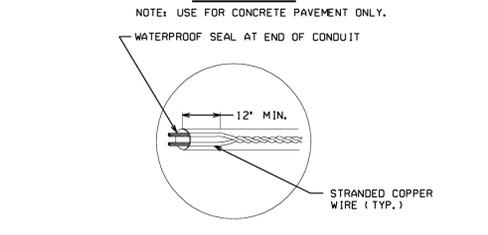
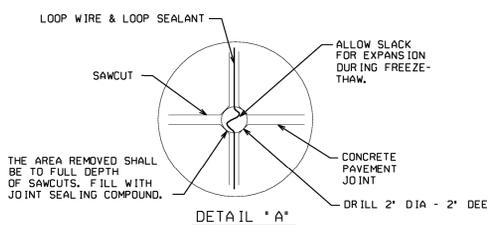
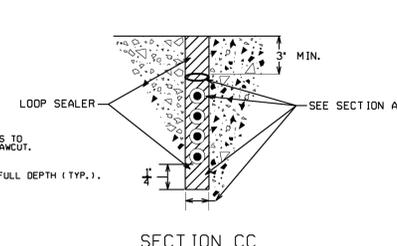
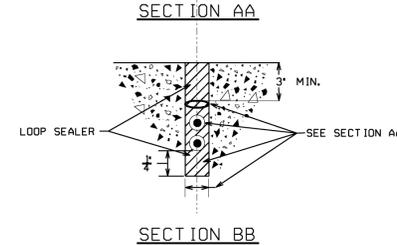
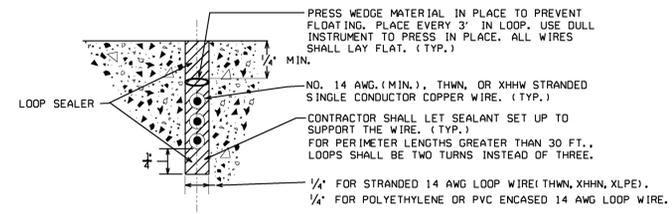


### LOOP WIRE CONFIGURATION

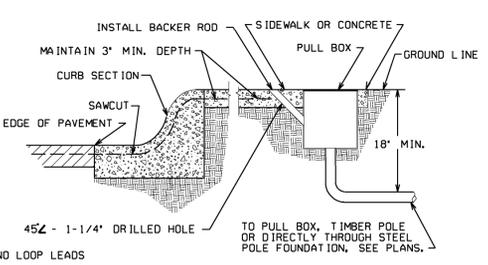
THE DOUBLE LAYER CONFIGURATION (2-2) SHOWN IS A MINIMUM DESIGN FOR NORMAL INSTALLATIONS WHEN REQUIRED BY THE PLANS.

NOTE:  
INDUCTIVE LOOPS SHALL NOT BE INSTALLED IN A BRIDGE DECK.  
LOOPS MAY BE INSTALLED IN AN APPROACH SLAB.

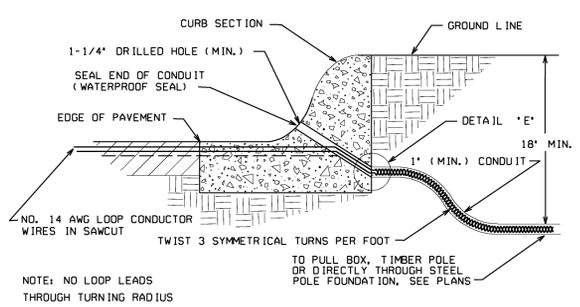
*Guidelines For Usage On Metric Projects*  
When these details are incorporated into plans and or projects that are being prepared or constructed in metric units, exact or precise conversion to metric units is not required. The dimensions shown that are in feet and inches may be converted to corresponding metric units using the following "Rounded-Off" conversion factors: 1"=25mm, 4"=100mm, and 12" or 1'-300mm. All measurement notes that refer to linear feet and square yards shall be interpreted to mean linear meters and square meters.



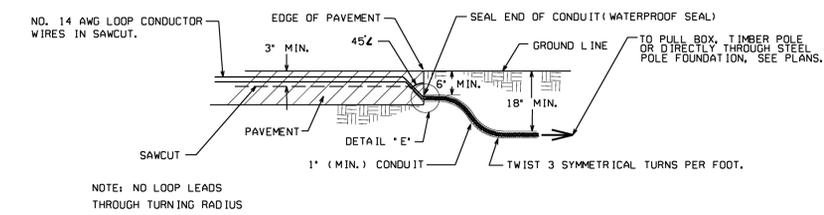
### TYPICAL CURB DETAIL (WITH SIDEWALK)



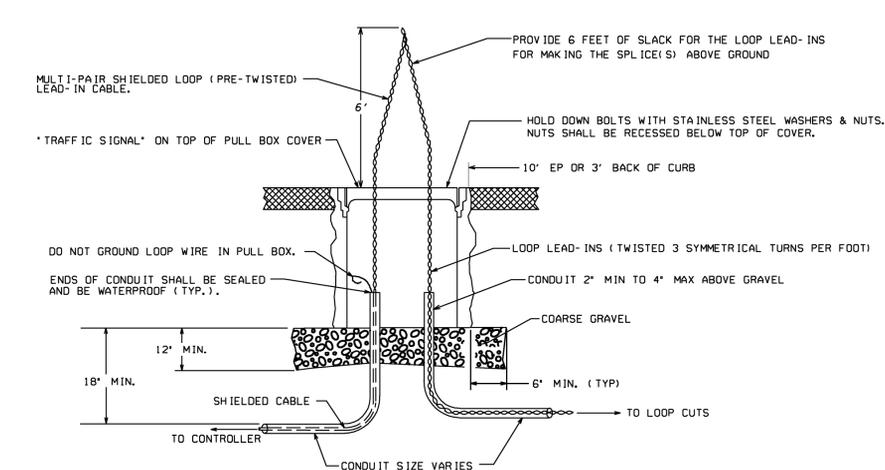
### TYPICAL CURB DETAIL (WITHOUT SIDEWALK)



### DETAIL WHERE NO CURB EXISTS

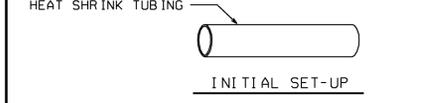


### PULL BOX-SPLICE DETAILS

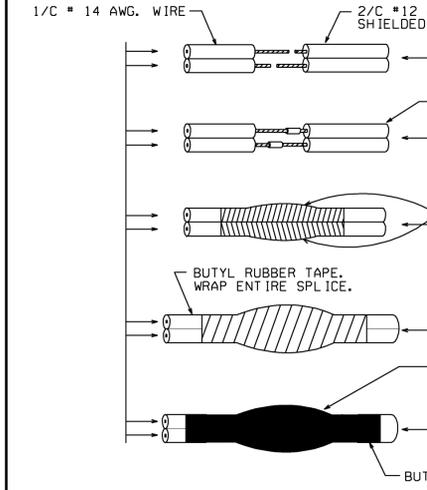
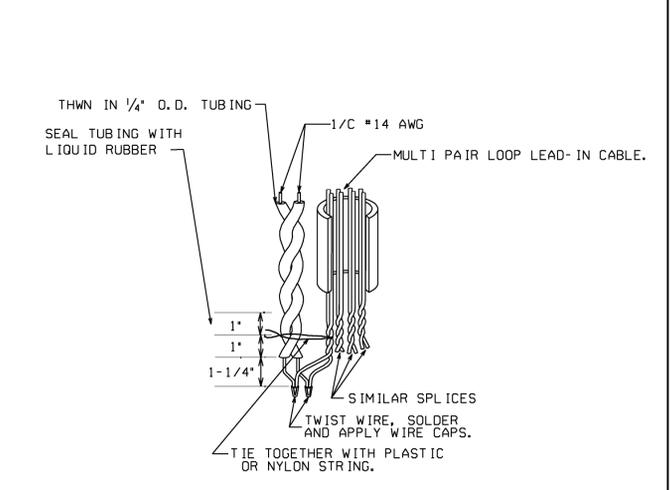


### SPLICE DETAILS

#### ALTERNATE #1

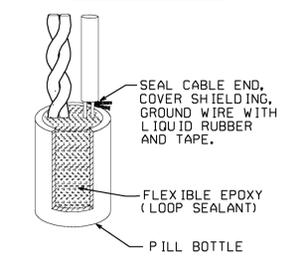


#### ALTERNATE #2



NOTE:  
FINISHED SPLICE MUST BE WATERPROOF.

#### FINISHED SPLICE



DATE		DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA	
		TRAFFIC SIGNAL DETAIL <b>INDUCTIVE-LOOP DETECTOR INSTALLATION</b>	
REV. BY:	REVISION DESCRIPTION	DETAIL NUMBER	
		APRIL 2010 <small>NOT TO SCALE - REPORT ERRORS</small>	
		TS-01	