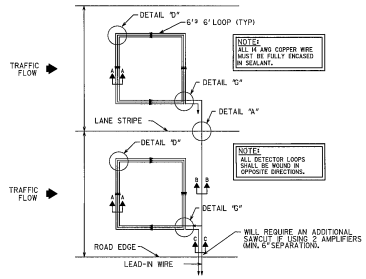
P. I. NO: M004049
COUNTY: COWETA/FULTON

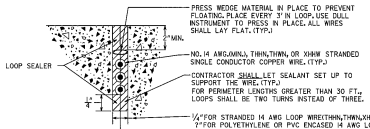
DATE####	TIME####	#PRF#	#DGN#	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
#USER#		##PENTABLE##		GA			

INDUCTIVE LOOP VEHICLE DETECTOR DETAILS

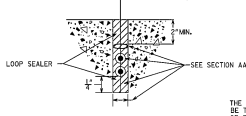
USING STRANDED COPPER WIRE

PLAN VIEW OF STANDARD LOOP SAW CUTS

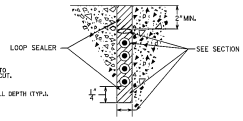




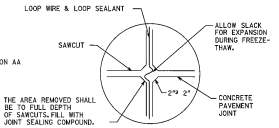
SECTION AA



SECTION BB

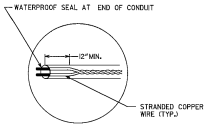


SECTION CC

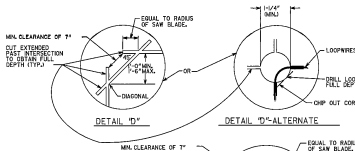


DETAIL "A"

NOTE: USE FOR CONCRETE PAVEMENT ONLY.

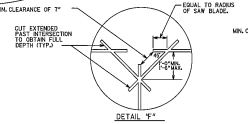


DETAIL "E"

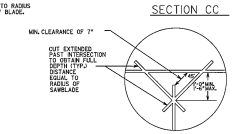


DETAIL "D"

DETAIL "D"-ALTERNATE

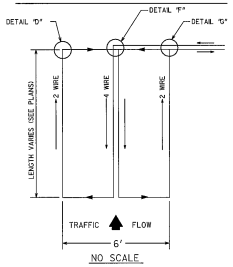


DETAIL "F"



DETAIL "G"

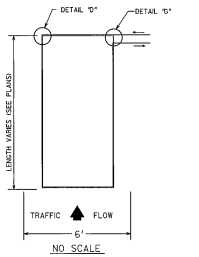
PLAN VIEW OF QUADRUPOLE



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

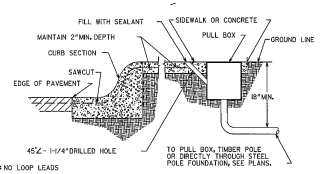


LOOP WIRE CONFIGURATION

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

TYPICAL CURB DETAIL

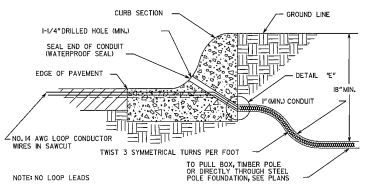
(WITH SIDEWALK)



NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

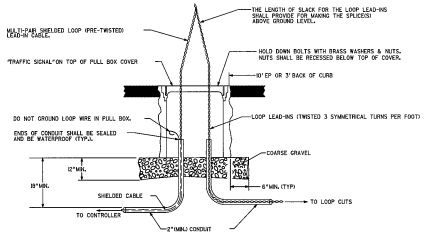
TYPICAL CURB DETAIL

(WITHOUT SIDEWALK)

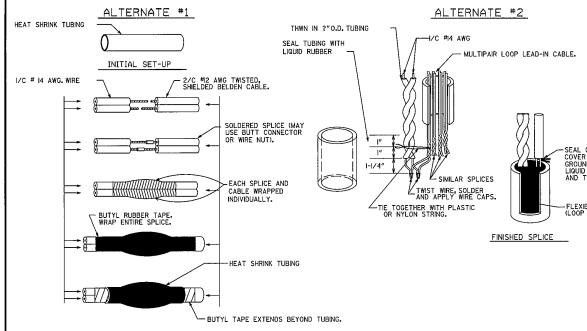


NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

PULL BOX-SPLICE DETAILS

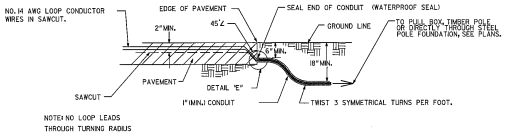


SPLICE DETAILS



NOTE:
FINISHED SPLICE MUST BE WATERPROOF.

DETAIL WHERE NO CURB EXISTS



NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

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.

GEORGIA
DEPARTMENT OF TRANSPORTATION

-NO SCALE-

REVISION DATES
1/13/04
4/12/04
7/27/04

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC OPERATIONS
SIGNAL PLANS

LOOP DETECTOR INSTALLATION DETAIL

DECEMBER 1998

DRAWING No. TS-01

3/1/2007 GPLA