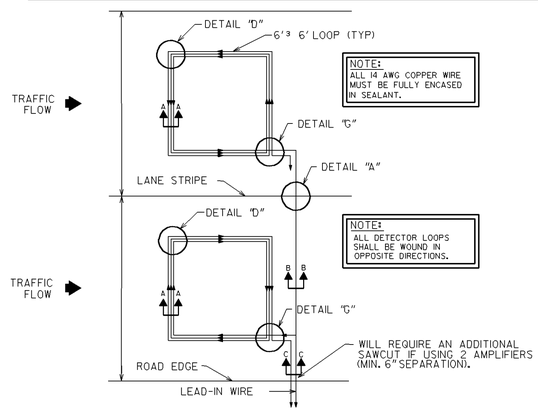
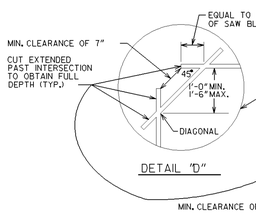
STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	CSSTP-0006-00(041)	398	495

INDUCTIVE LOOP VEHICLE DETECTOR DETAILS

USING STRANDED COPPER WIRE

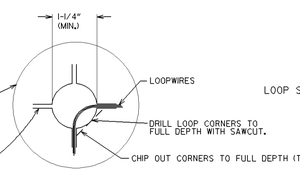
PLAN VIEW OF STANDARD LOOP SAW CUTS



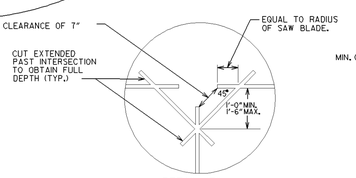


DETAIL "D"

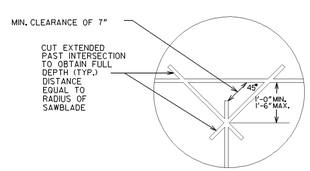
OR



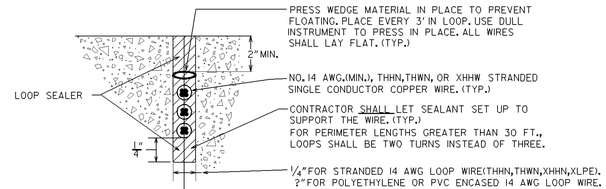
DETAIL "D"-ALTERNATE



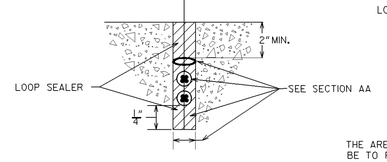
DETAIL "F"



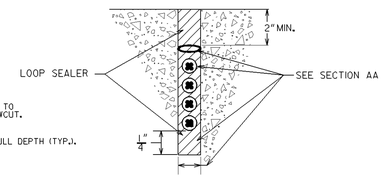
DETAIL "G"



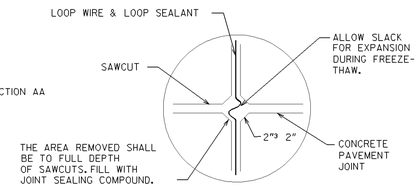
SECTION AA



SECTION BB

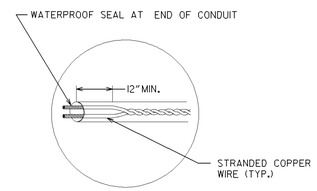


SECTION CC



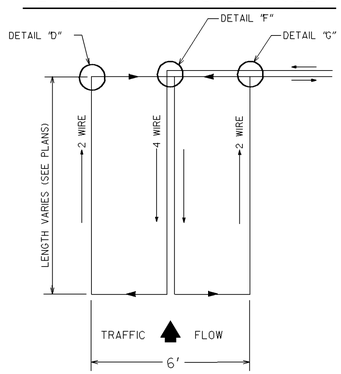
DETAIL "A"

NOTE: USE FOR CONCRETE PAVEMENT ONLY.



DETAIL "E"

PLAN VIEW OF QUADRUPOLE

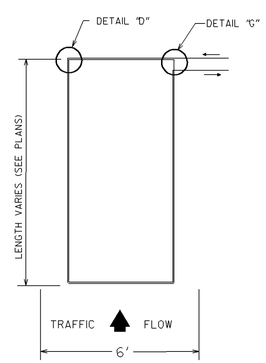


NO SCALE

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



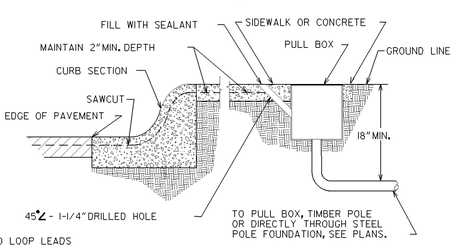
NO SCALE

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

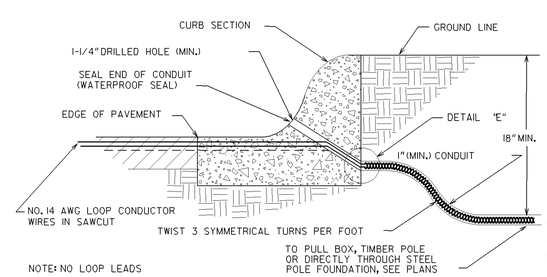
(WITH SIDEWALK)



NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

TYPICAL CURB DETAIL

(WITHOUT SIDEWALK)

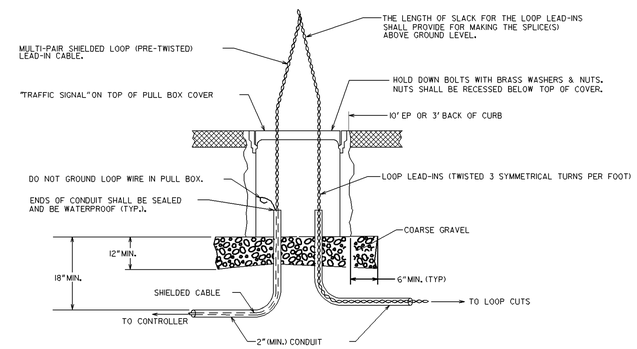


NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

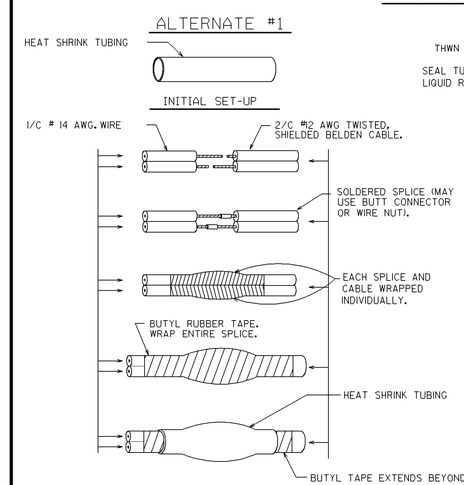
Guidelines For Usage On Metric Projects

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.

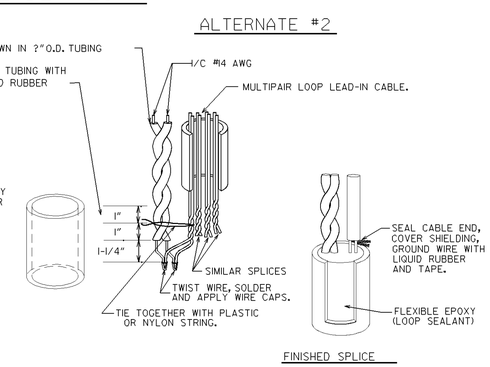
PULL BOX-SPLICE DETAILS



SPLICE DETAILS

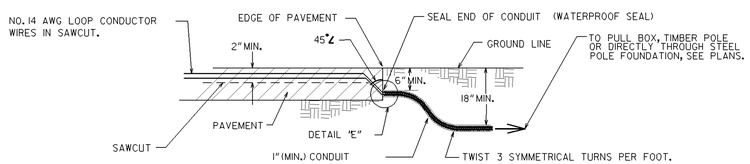


NOTE:
FINISHED SPLICE MUST BE WATERPROOF.



FINISHED SPLICE

DETAIL WHERE NO CURB EXISTS



NOTE: NO LOOP LEADS THROUGH TURNING RADIUS

DATE	REVISIONS
1/30/04	ADDED DETAIL "F"
4/12/04	ADDED DETAIL "G"
7/27/04	ADDED METRIC USAGE NOTE

GEORGIA DEPARTMENT OF TRANSPORTATION

OFFICE OF TRAFFIC SAFETY & DESIGN

LOOP DETECTOR INSTALLATION DETAIL

DECEMBER 1998

NO SCALE

DRAWING No. TS-01