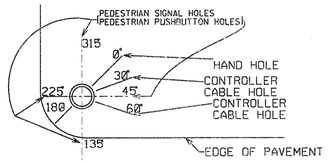
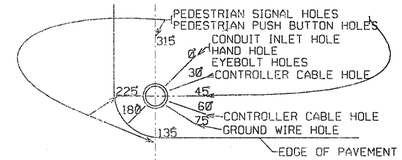
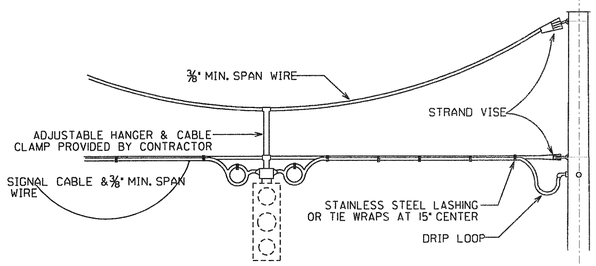
STATE	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.		CSSTP-0008-00(442)	58	77

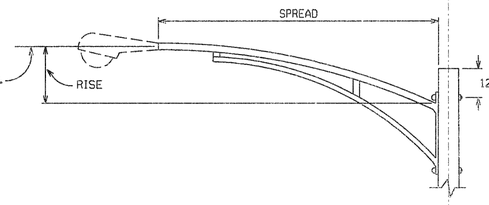


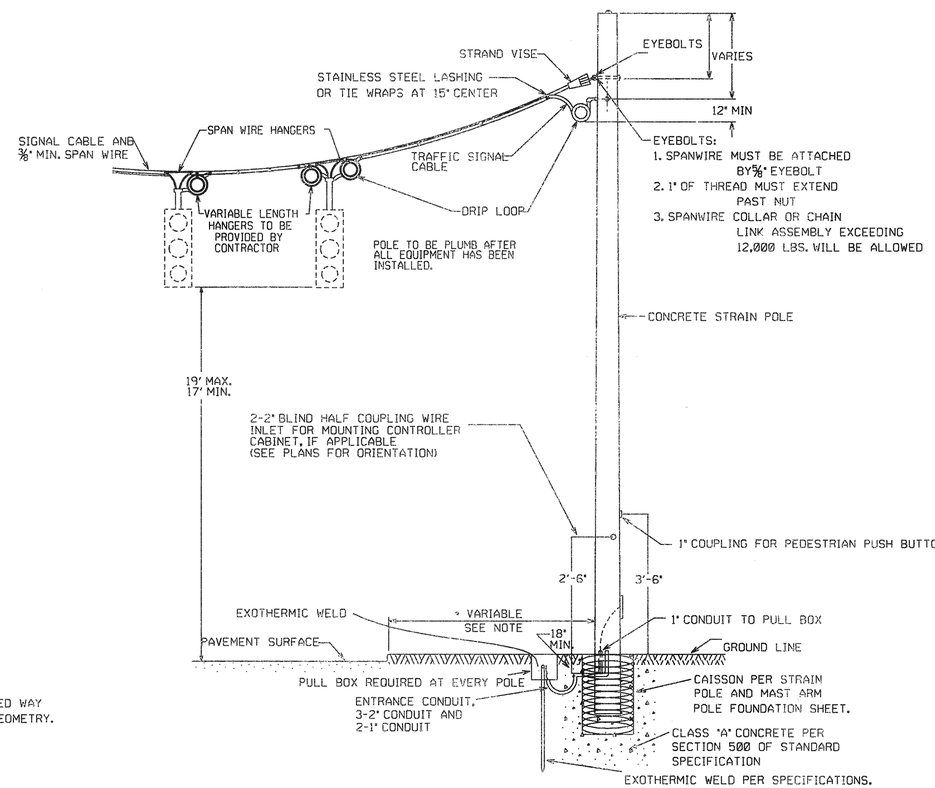


TOP VIEW FOR INLET HOLES ORIENTATION



RIGID MOUNT FOR USE IN HIGH WIND AREAS
(WHEN NOTED ON PLANS)





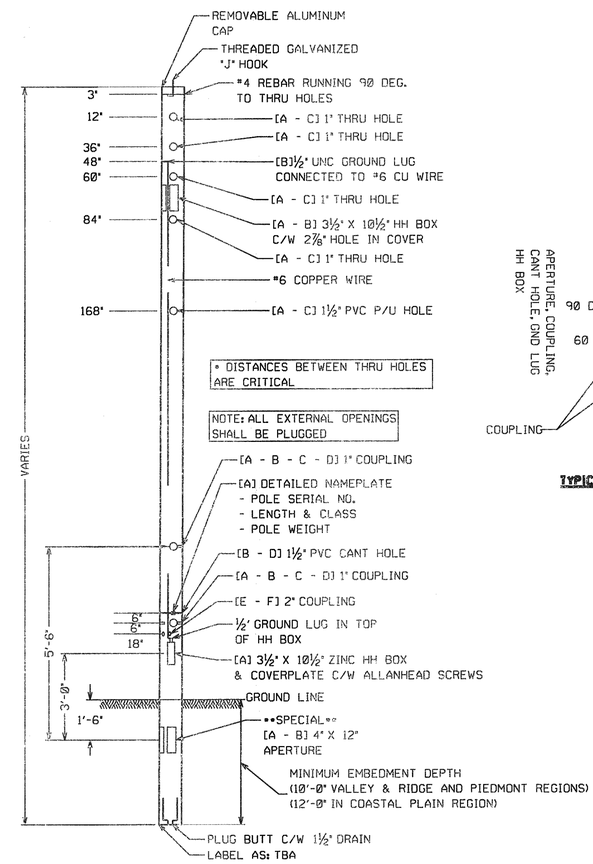
CONCRETE STRAIN POLE

NOTE:

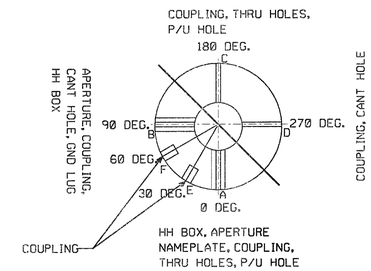
CONCRETE STRAIN POLE FOOTING WILL INCLUDE THE SAME FOOTING DESIGN AS A "SIMILAR" DESIGN STEEL POLE. THE STEEL REINFORCEMENT FROM STRAIN POLE AND MAST ARM POLE FOUNDATION DESIGN SHEET WILL BE INSTALLED AROUND THE CONCRETE STRAIN POLE. BACK FILL THE POLE AS DESCRIBED IN THE "CAISSON DETAIL" UP TO THE LEVEL OF THE CONDUIT ENTRANCE/ HAND HOLE DEPTH. ONCE THE CONDUIT AND WIRE CONNECTING ARE MADE INSIDE THE POLE, FINISH BACK FILLING ACCORDING TO "CAISSON DETAIL."

ALL POLES SHALL HAVE ATTACHMENT POINTS 2'(MIN.) ABOVE ACTUAL ATTACHMENT POINT FOR FUTURE USE.

NO DRILLING OF POLE WITHOUT APPROVAL FROM GDOT BRIDGE OFFICE.



TYPICAL POLE SECTION FOR CONCRETE STRAIN POLE



TYPICAL VIEW FROM TOP

*NOTE:

1. THE CLEAR ZONE IS THE TOTAL ROADSIDE BORDER AREA, STARTING AT THE EDGE OF THE TRAVELED WAY
2. THE WIDTH OF THE CLEAR ZONE IS DEPENDENT UPON TRAFFIC VOLUMES, SPEEDS AND ROADSIDE GEOMETRY.
3. ADDITIONAL INFORMATION CAN BE FOUND IN THE "AASHTO ROADSIDE DESIGN GUIDE".

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.

DATE	REVISION DESCRIPTION	REV. BY:

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

TRAFFIC SIGNAL DETAIL
DETAILS OF CONCRETE POLES

APRIL 2010

NOT TO SCALE - REPORT ERRORS

DETAIL NUMBER: TS-05

40-021