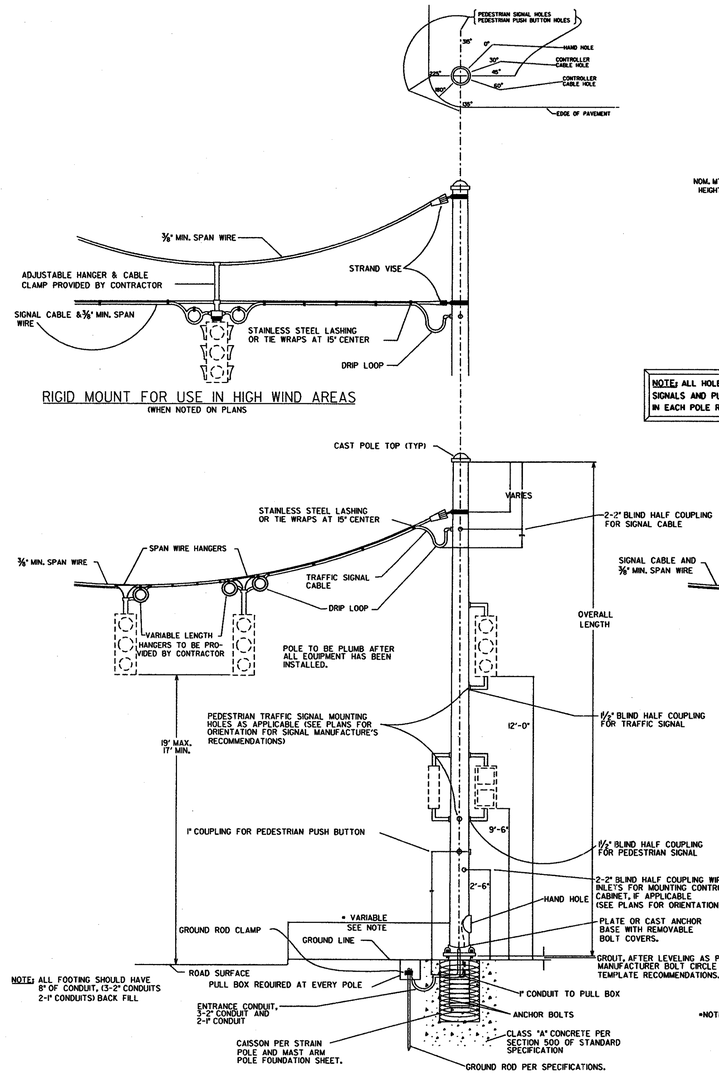
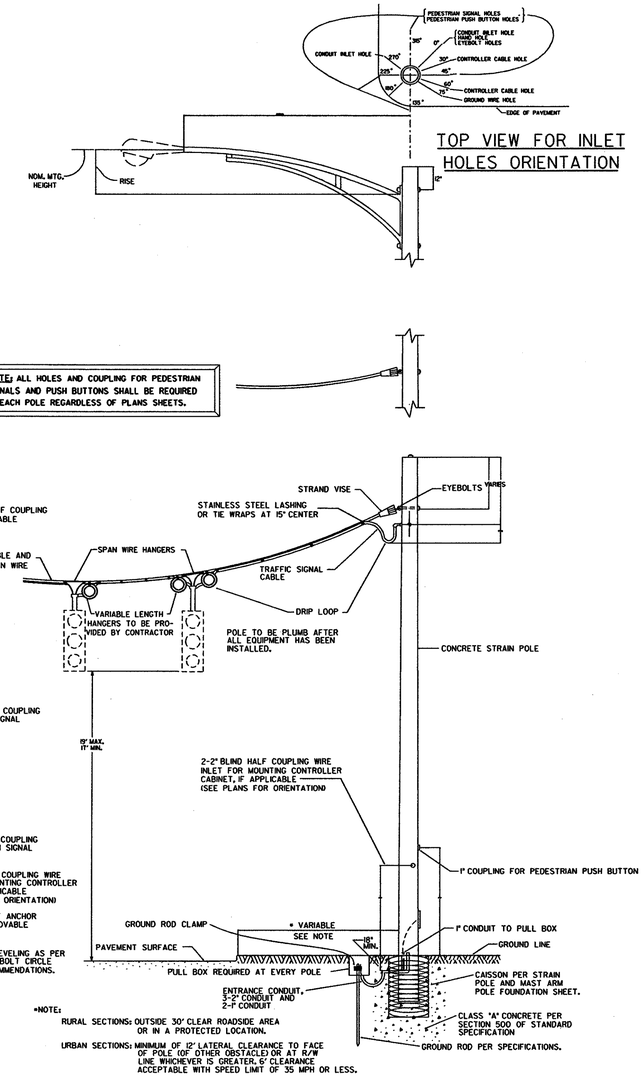
COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
FAYETTE	STP-209-1(1)	337	513



NOTE: ALL FOOTING SHOULD HAVE 8" OF CONDUIT, (3-2" CONDUITS 2-1" CONDUITS) BACK FILL

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

STEEL STRAIN POLE



*NOTE:
RURAL SECTIONS: OUTSIDE 30' CLEAR ROADSIDE AREA OR IN A PROTECTED LOCATION.
URBAN SECTIONS: MINIMUM OF 12' LATERAL CLEARANCE TO FACE OF POLE (OF OTHER OBSTACLE) OR AT R/W LINE WHICHEVER IS GREATER. 6' CLEARANCE ACCEPTABLE WITH SPEED LIMIT OF 35 MPH OR LESS.

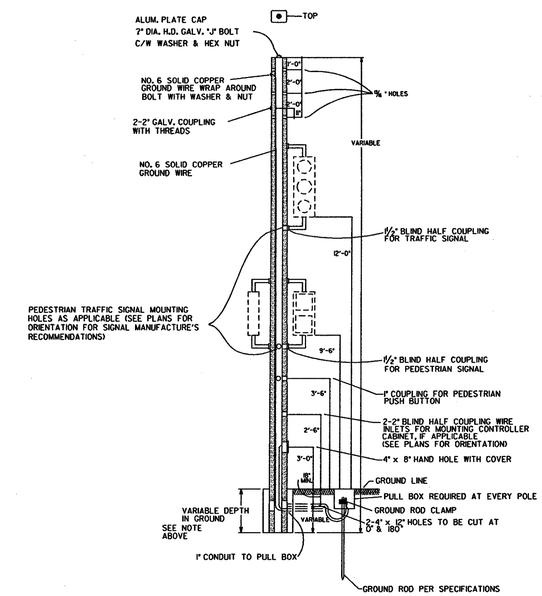
CONCRETE STRAIN POLE

TOP VIEW FOR INLET HOLES ORIENTATION

NOTE: ALL HOLES AND COUPLING FOR PEDESTRIAN SIGNALS AND PUSH BUTTONS SHALL BE REQUIRED IN EACH POLE REGARDLESS OF PLANS SHEETS.

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.



TYPICAL POLE SECTION
FOR CONCRETE STRAIN POLE

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 -

DATE	REVISIONS
7/27/2004	ADDED METRIC USAGE NOTE

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: TRAFFIC SAFETY & DESIGN

SIGNAL PLANS

DETAILS OF CONCRETE TRAFFIC SIGNAL STRAIN POLES

TS-05

DRAWING No. 27-

DECEMBER 1998

--- 15 - concrete poles up 3/10/2006 10:12 AM