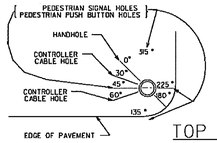
STATE	COUNTY	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.				



TOP VIEW FOR INLET HOLES ORIENTATION

TOP VIEW FOR INLET HOLES ORIENTATION

NOTES:

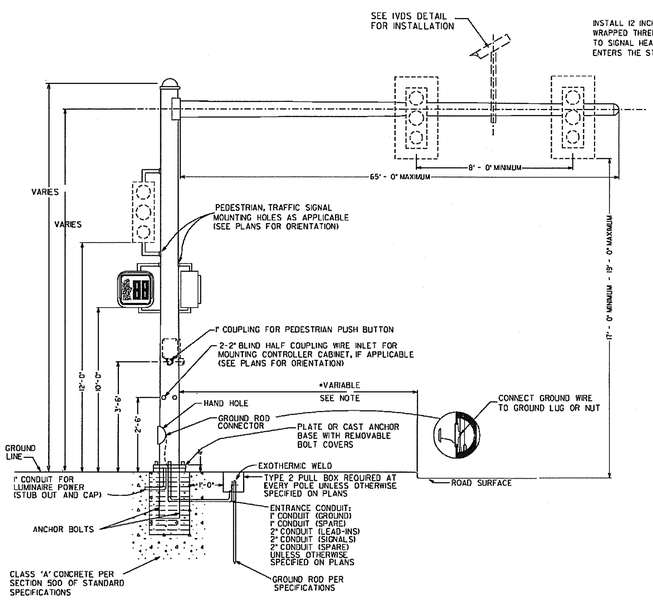
DRAWINGS AND OTHER DATA INDICATING POLE DIMENSIONS AND DESIGN TOGETHER WITH DESIGN OF BASE SHALL BE PREPARED BY THE CONTRACTOR AND APPROVED BY THE DEPT. ENGINEER, PER SPECIFICATIONS AND DETAILS.

FOUNDATION SIZE AND REINFORCING SHALL BE DETERMINED FROM THE "STRAIN POLE FOUNDATIONS" SHEET WITH THE USE OF THE BENDING MOMENT AT YIELD PROVIDED BY POLE MANUFACTURER.

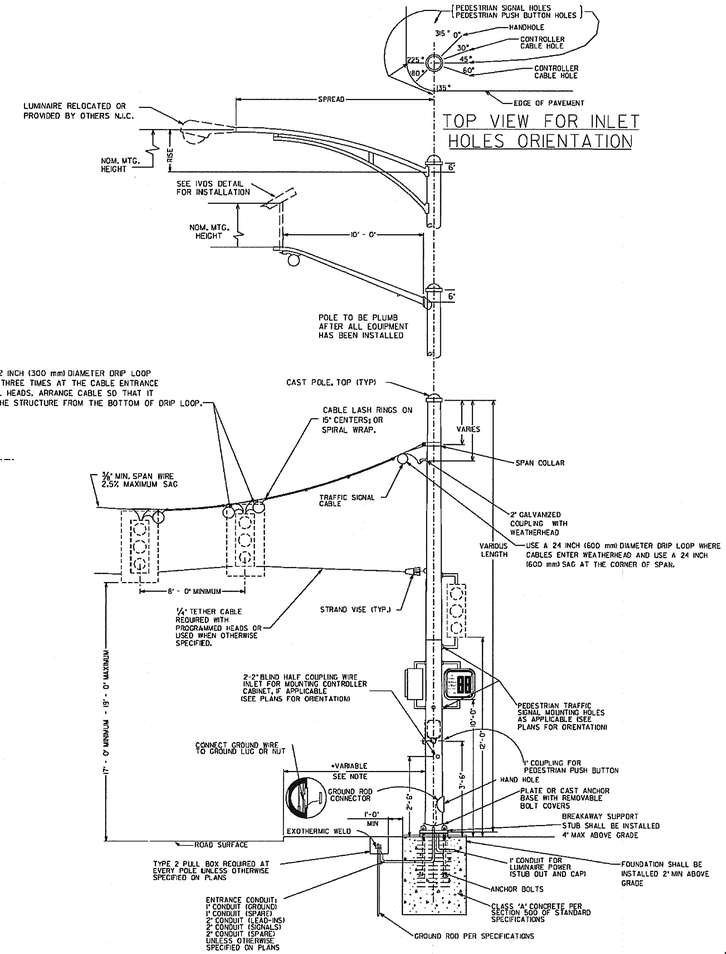
ALL HOLES IN MAST ARMS MUST BE FABRICATED BY THE MANUFACTURER. SEE SECTION 925 OF STANDARD SPECIFICATIONS REGARDING RIGID MOUNTING HARDWARE FOR SIGNAL HEADS.

WHEN POLES ARE LOCATED ON ALL CORNERS, LUMINAIRES ARE TO BE INSTALLED PERPENDICULAR TO THE FAR SIDE APPROACHING TRAFFIC.

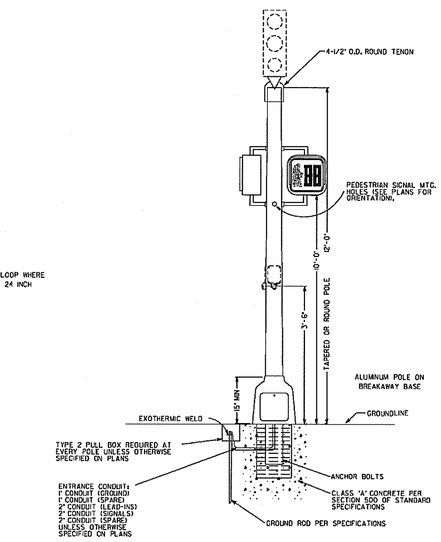
WHEN LUMINARIES ARE ONLY BEING INSTALLED ON TWO CORNERS, THEY SHOULD BE INSTALLED PERPENDICULAR TO THE FAR SIDE APPROACHING TRAFFIC ON THE MAJOR APPROACH.



TYPICAL MAST ARM POLE DETAIL



TYPICAL STEEL STRAIN POLE DETAIL



PEDESTAL POLE MOUNTED SIGNAL HEAD

*NOTE:

CLEAR-ZONE WIDTH REQUIREMENTS ARE BASED ON AVERAGE DAILY TRAFFIC AND VEHICLE SPEEDS. SEE THE AASHTO "ROADSIDE DESIGN GUIDE" FOR GUIDANCE ON DESIGN OF CLEAR-ZONE AREAS.

FOUNDATIONS SHALL BE INSTALLED ABOVE GRADE, BUT NOT EXCEED 4" MAXIMUM STUB HEIGHT TO LESSEN SNAGGING OF THE UNDERCARRIAGE OF A VEHICLE

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.

REV. BY:	REVISION DESCRIPTION	DATE

DEPARTMENT OF TRANSPORTATION
STATE OF GEORGIA

TRAFFIC SIGNAL DETAIL

DETAILS OF METAL TRAFFIC SIGNAL SUPPORT STRUCTURES

APRIL 2010

NOT TO SCALE - REPORT ERRORS

DETAIL NUMBER
TS-04

GEORGIA
DEPARTMENT OF TRANSPORTATION

REVISION DATES

STATE OF GEORGIA
DEPARTMENT OF TRANSPORTATION
OFFICE: PROGRAM DELIVERY

0007406 8/07/12

DRAWING No.
TS-04

GPLN