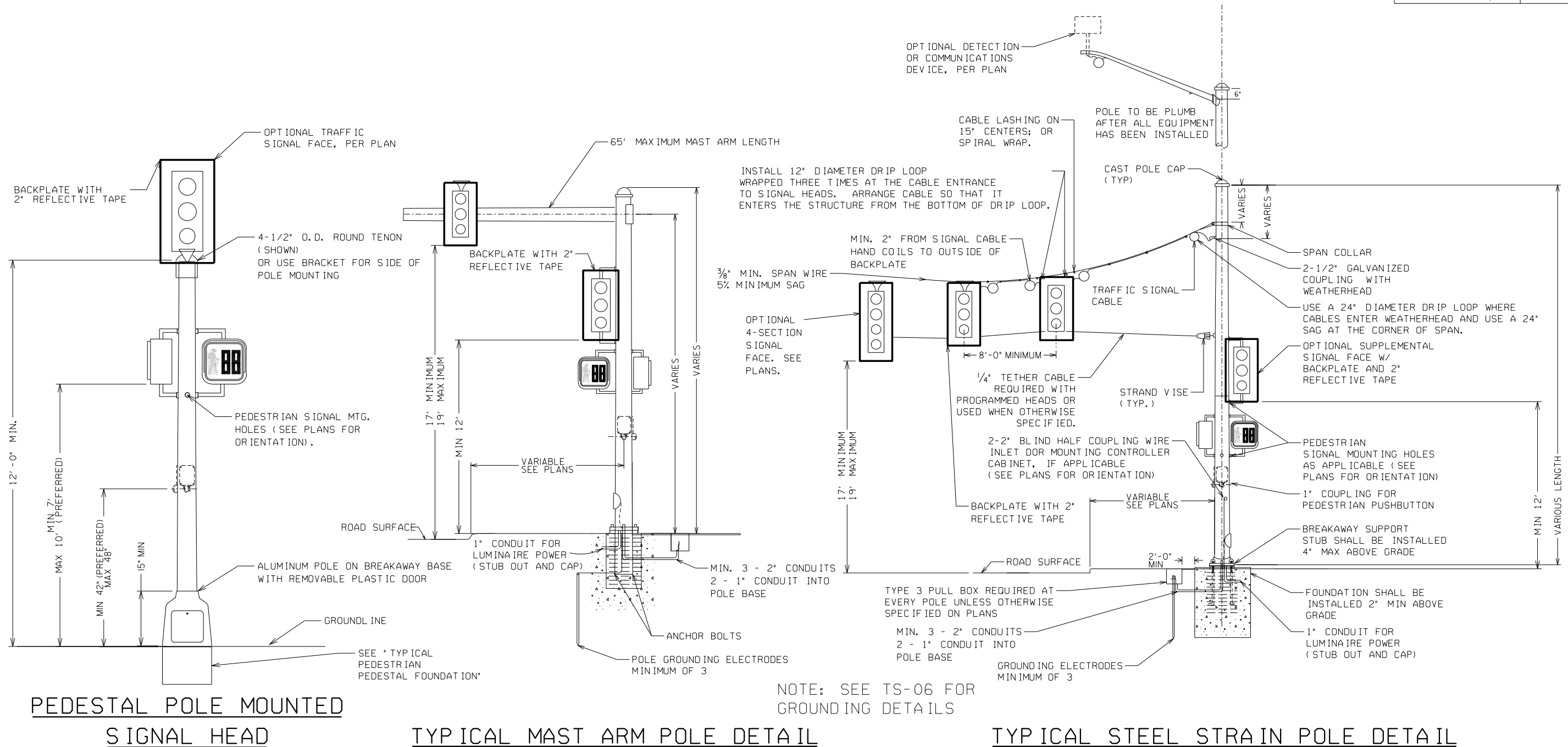


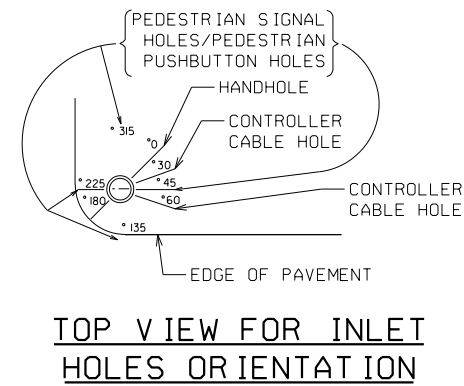


NOTES:

- FOUNDATION SIZE AND REINFORCING SHALL BE DETERMINED FROM THE "STRAIN POLE AND MAST ARM 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.
- IN ORDER TO MEET CLEAR ZONE REQUIREMENTS, FIXED OBJECTS SHALL BE PLACED WITH APPROPRIATE OFFSET AS DEFINED IN THE GDOT DESIGN POLICY MANUAL OR AASHTO'S "ROADSIDE DESIGN GUIDE", OR BE PROTECTED BY GUARDRAIL. FOR GUARDRAIL APPLICATIONS, PROVIDE A MINIMUM SPACING OF 6 FEET BETWEEN THE FACE OF THE GUARDRAIL AND THE FACE OF ALL OBJECTS BEHIND THE GUARDRAIL.
- HELPER CABLE IS REQUIRED ON ALL SPAN LENGTHS EXCEEDING 150 FEET.
- 5A. SPAN WIRE USED WITH STRAIN POLE INSTALLATION SHALL HAVE A MINIMUM 5% SAG.
- 5B. SPAN WIRE USED WITH TIMBER POLE INSTALLATION SHALL HAVE A MINIMUM 2.5% SAG.

VERTICAL DROP (FT) BETWEEN POLE ATTACHMENT AND LOW POINT IN SPAN = DESIRED SAGxSPAN LENGTH

SPAN LENGTH = LONGEST DISTANCE BETWEEN ANY TWO SUPPORT POLES IN INSTALLATION.



					DATE	DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA
					REVISION	CONSTRUCTION DETAIL
						TRAFFIC SIGNAL SUPPORT STRUCTURES
				BY	NOVEMBER 2020 NO SCALE	NUMBER TS-04A