

CANTILEVER STRUCTURE

Pole Arm connection 11/2" diameter wire inlets Install on side opposite traffic. Note for Structure 11/2" diameter wire inlet Pole at centerline of sign panel, behind first sign only. Hand hole and cover 4" x 8" minimum. Top of Pedestal *Variable ← Guardrail Highest point in roadway -_3" Max. End Elevation

NOTES:

- 1. $1\frac{1}{2}$ " diameter wire inlets shall be provided at the following locations:
- A. On span structures on the front leg of end pole 12" below bottom chord.
- B. On cantilever structures on pole 12" below bottom chord.
- C. On span structures below bottom chord at centerline behind first sign panel from each end pole.
- D. On cantilever structures below bottom chord at centerline behind first sign panel from pole.
- 2. All unused wire inlets shall be capped water tight.
- st3. Distance shall be no less than the minimum indicated in Standard GR-INS.
- 4. No mortar, grout, or concrete shall be placed between bottom of base plate and top of pedestal.
- **5. The maximum space beetween the bottom of the base plate and the top of the foundation shall be no more than the diameter of the anchor bolt plus one inch.
 - 6.Vertical clearance for overhead and bridge mounted sign structures shall be no less than 19 feet 0 inch and no more than 21 feet 0 inch from the bottom of the lowest mounted sign panel to the crown of the roadway, unless otherwise specified on the plans. Luminaire assemblies shall a vertixcal clearence of no less than 17 feet six inches from the bottom of the assembly to the crown of the roadway.
- 7. Overhead sign structures including "buterfly" structures shall have a minimum of six anchor bolts, each having a minimum diameter of $1\sqrt{2}$ ".

TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES

VIRGINIA DEPARTMENT OF TRANSPORTATION