SPAN STRUCTURE

Span length

End Pole

Wire Inlet (Typical). See Note 1.

Wire Inlet (Typical). See Note 1.

End Pole

Hand hole and cover 4" x 8" minimum.
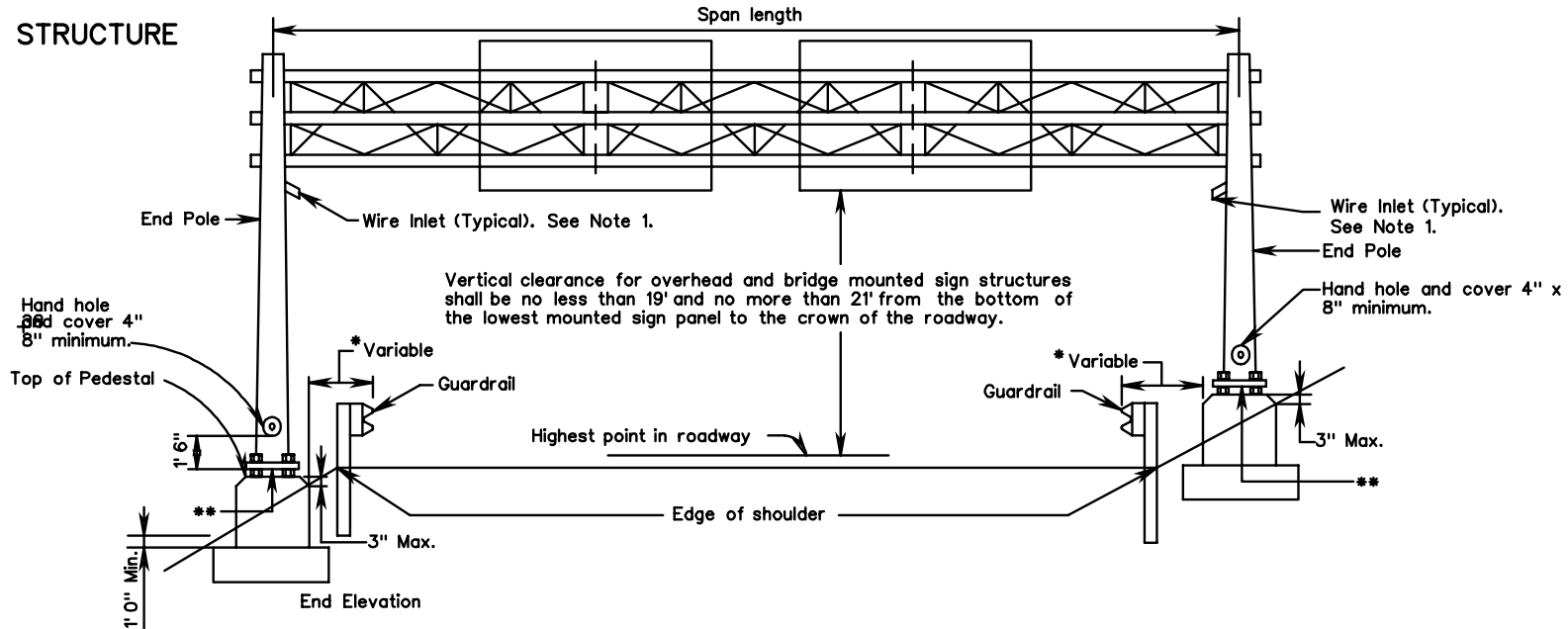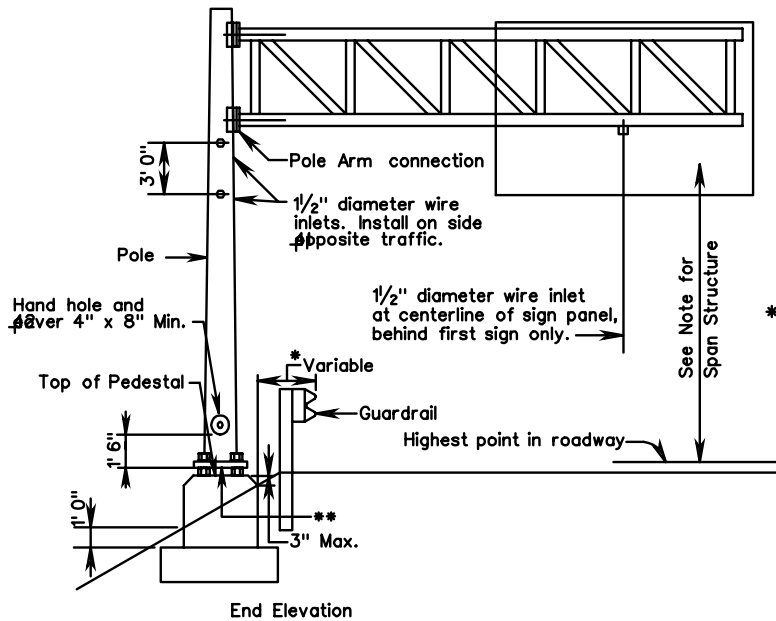
Vertical clearance for overhead and bridge mounted sign structures shall be no less than 19' and no more than 21' from the bottom of the lowest mounted sign panel to the crown of the roadway.

Hand hole and cover 4" 8" minimum.

Top of Pedestal

*Variable

Guardrail

*Variable

Guardrail

Highest point in roadway

3" Max.

1'6"

**

3" Max.

Edge of shoulder

**

1'0" Min.

End Elevation

CANTILEVER STRUCTURE

NOTES:

1. 1½" 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.

*3. 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. Distance between bottom of base plate and top of pedestal shall be less than or equal to twice the diameter of anchor bolt but shall not be greater than 3".

Pole Arm connection

1½" diameter wire inlets. Install on side opposite traffic.

1½" diameter wire inlet at centerline of sign panel, behind first sign only.

See Note for Span Structure

3'0"

Pole

Hand hole and cover 4" x 8" Min.

Top of Pedestal

*Variable

Guardrail

Highest point in roadway

1'6"

1'0"

**

3" Max.

End Elevation

TYPICAL DETAILS FOR OVERHEAD SIGN STRUCTURES

VIRGINIA DEPARTMENT OF TRANSPORTATION