1. Vehicular signal heads shall utilize mounting brackets similar to those shown for pedestrian signal heads.

2. Signal head conduit brackets and conduit fittings shall be galvanized and painted (except pole clamps or bands) to match body of signal head.

3. For embedded steel poles, external conduit shall be similar to that shown in wood pole detail. External grounding will not be required unless specifically noted on the plans.

4. The signal head bracket arms shall be attached to steel poles by one of the following methods:
   a. 1" blind half coupling welded into the pole prior to galvanizing.
   b. Bracket arm hub plates attached to the pole as per note 1.
   c. Pole clamp with threaded hub.

5. Vertical spacing between vehicular or pedestrian bracket fittings shall be determined by the Contractor, and shall be the dimension from centerline to centerline of the bracket arms necessary to accommodate the vertical height of the signal head plus not more than 10".

6. The following minimum size fasteners shall be used for the attachment of the indicated hardware to wood poles:
   a. CONDUIT BRACKET ARM HUB PLATES: 5/16" dia. x 3" long lag screws, or 20d spikes.
   b. CONDUIT STRAPS (Two hole): 5/16" x 3" long lag screws, or 20d spikes.
   c. PUSHBUTTON SIGN: #14 x 3" long round head wood screws, or 20d spikes.

7. The following minimum size fasteners shall be used for the attachment of the indicated hardware to steel poles:
   a. CONDUIT BRACKET ARM HUB PLATES: 5/16" dia., screw or 3/8" wide passivated stainless steel band (two fasteners or bands per hub plate).
   b. CONDUIT: Two hole conduit straps with 5/16" dia. screws or 3/8" wide passivated stainless steel bands.
   c. PUSHBUTTON SIGN: 5/16" dia. screws (two per sign).
   d. PUSHBUTTON 5/16" dia. screws (two per pushbutton).

The screws shall utilize a drilled and tapped hole or the self-tapping type.

Other notes:
- See Note 2
- See Note 3
- See Note 4
- See Note 5