NOTES:

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 (peeled into black trim) to match the body of the signal head.

3. For embedded steel poles, external conduit shall be similar in material and size as shown in wood pole detail. External conduit for pole tops 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 ½" blind half coupling welded into the pole prior to painting.
   b. Bracket arm hub plates attached to the pole as per note 7.
   c. Pole clamp with threaded hub.

5. Field installation of the wiring holes for signal heads and pushbuttons will be permitted provided that the holes are drilled or hole sawed. No torch cutting or field welding will be permitted. Cut surfaces shall be filed smooth and covered with two coats of zinc rich paint. Grommets or wiring guides shall be installed in the holes.

6. The minimum size fasteners shall be used for the attachment of the indicated hardware to wood poles:
   a. CONDUIT BRACKET ARM HUB PLATES: 5/16" x 3" long lag screws (two screws per hub plate).
   b. CONDUIT STRAPS (Two holes): 3/8" x 3" long round head wood screws, or 20d spikes.
   c. PUSHBUTTON SIGN: with brackets - 3/8" x 3" long lag screws (two per sign).
   d. PUSHBUTTON: #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: 5/8" dia. screw or 5/8" wide passivated stainless steel band (two fasteners or bands per hub plate).
   b. CONDUIT: Two hole conduit straps with 5/8" dia. screws or 5/8" wide passivated stainless steel bands.
   c. PUSHBUTTON SIGN: 5/16" screws (two per sign).
   d. PUSHBUTTON: 5/16" dia. screws (two per pushbutton).

8. The minimum clearance from face-of-curb shown is applicable to tangent segments. On curved segments (corners) the minimum clearance is greater. When clearance to curved curb face is less than 10', consult with the Engineer for possible alternate locations.