**RETROFIT INSTALLATION**

Note:
Clamp location shall be adjusted to compensate for reduced sag and vertical clearance to bottom of signal head.

3/4" Oval Eye Bolt

Method Of Framing
Corner Strain Poles
Angles 10° To 12°

# LOAD

3/4" Oval Eye Bolt

Automatic Compression Type Clamps
Furnished Through Dead End

**PRESTRESSED CONCRETE POLE**

**NEW CONSTRUCTION**

Notes:
1. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° but not less than 45° to the face of the pole.
2. Lashing wire should normally be used for distances of 12' or greater.
3. All hardware for signal attachment shall be stainless steel.
4. Meet all grounding requirements of Section 620 of the Standard Specifications.

**SIGNAL CABLE & SPAN WIRE**

**INSTALLATION DETAILS**

The Vertical Clearance To The Bottom Of A Vertical Or Horizontal Vehicular Signal Head Shall Not Be Less Than 17'-6" And The Maximum Height Shall Be In Accordance With The Standard Specifications.

**SINGLE POINT ATTACHMENT**

1. For long pipe hanger wire entrance head may be substituted for balancer and the drop pipe installed above the disconnect box.

2. With the approval of the resident engineer, two 54" drain holes in bottom of installed signals to allow water to drain.

3. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° to the face of the pole.
4. Use a split clamp on steel poles.
**Notes:**

1. With the approval of the resident engineer, the service head hole for joint use poles may be drilled by the utility company at an angle of 90° but not less than 45° to the face of the pole.

2. Lashing wire should normally be used for distances of 12' or greater.

3. The overlapped connection of adjustable hangers shall use a minimum of 2 bolts with a minimum spacing of 2" between bolts.

4. Meet all grounding requirements of Section 620 of the Standard Specifications.