



NOTE:

$\frac{7}{8}$ " ϕ STUDS MAY BE SUBSTITUTED FOR $\frac{3}{4}$ " ϕ STUDS BY ADJUSTING THE PITCH TO PROVIDE AN EQUIVALENT CROSS-SECTIONAL AREA PER FOOT.

STUD SHEAR CONNECTORS

NOT TO SCALE

NOTES:

1. All shear connectors shall be designed according to the AASHTO-LRFD.
2. In the case where the beam haunch exceeds 6", the AASHTO-LRFD embedment provisions may not be met. The plane between the deck slab and haunch shall be checked for shear resistance. If additional resistance is required, stirrups shall be designed across the plane rather than lengthening the stud connectors.
3. The pitch of the studs need not be made in multiples of the spacing of transverse steel reinforcement in the deck slab; however, the stud's alignment shall be parallel to that of the transverse reinforcement.
4. The minimum pitch shall be as per AASHTO-LRFD. The maximum pitch shall be 2'-0". Indicate the stud spacing and orientation on the Construction Drawings in the beam elevation views.
5. Studs heights are available in 1" increments (4" Min.).