PIER CAP REINFORCEMENT DETAILING

DESIGNER NOTES

PROVIDE 2" MIN. CLEAR BETWEEN ANCHOR BOLTS AND REINFORCEMENT.

FOR PIER CAPS UP TO 3'-6" WIDE, PROVIDE AT LEAST ONE 1" MIN. CLEARANCE BETWEEN REINFORCING BARS FOR CONCRETE PLACEMENT BY TRENCH AND POST VIBRATING. FOR CAPS GREATER THAN 3'-6" WIDE, PROVIDE AT LEAST TWO SLIM SHEETS.

SHOW ANCHORS LOCATING ON PIER CAP SHEETS.

ABUTMENT REINFORCEMENT LAYOUT SIMILAR TO PIER CAP REINFORCEMENT DETAILS.

NOTE

- DISPLACE TRANSVERSE STIRUP BARS AS NEEDED TO PROVIDE 2" MIN. CLEAR BETWEEN ANCHOR BOLTS AND REINFORCEMENT.

- PROVIDE 4" MIN. CLEAR BETWEEN ANCHOR BOLTS AND REINFORCEMENT.

- AVOID SPACING THAT IS TOO TIGHT.

- BUNDLED BARS MAY BE USED. AVOID LAPPING BUNDLED BARS.

- PROVIDE REINFORCEMENT NECESSARY TO SUPPORT MAIN REINFORCEMENT.

- PROVIDE ADEQUATE CLEARANCE FOR POST-INSTALLED ANCHORS.

- DETAILED MULTIPLE LAYERS OF BAR STEEL TO AVOID SPACING THAT IS TOO TIGHT. BUNDLED BARS MAY BE USED. AVOID LAPPING BUNDLED BARS.

- SUPPORT MAIN REINFORCEMENT.