PILE SHALL BE SPLICED BY OVERLAPPING A MIN. OF ONE TURN. THE SPIRAL REINFORCING IN THE BUILD-UP AND THE PRESTRESSED CONCRETE MAINTAIN PITCH.

WIRE WHICH SHALL BE SECURED TO THE LONGITUDINAL REINFORCEMENT TO THE SPIRAL REINFORCING IN ALL BUILD-UPS SHALL BE W4.0 COLD DRAWN.

GRAFITED WITH AN APPROVED NON-SHRINK GROUT. BEFORE GROUTING OF DOWELS, DOWEL BARS SHALL BE INSTALLED AND EXISTING PRESTRESSING STRANDS IN THE CONCRETE PILE.

DOWEL HOLES SHALL BE POSITIONED TO MAINTAIN "CLEAR TO ALL THE TOP OF THE PILE WITHOUT DAMAGE TO THE REINFORCING STEEL. THE BEFORE DRILLING DOWEL HOLES, REMOVE THE Upper 3" OF CONCRETE FROM GROUT COMPRESSIVE STRENGTH: $f'c= 5,000$ PSI

BUILD-UP CONCRETE STRENGTH: $f' = 7,500$ PSI

PRESTRESSED CONCRETE STRENGTH: $f' = 7,500$ PSI

REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE STANDARD.

SINCE CASTING OF THE BUILD-UP.

GROUT COMPRESSIVE STRENGTH: $f'c= 5,000$ PSI AND UNTIL A PERIOD OF SEVEN DAYS HAS ELAPSED UNTIL THE CONCRETE HAS REACHED A COMPRESSIVE STRENGTH OF 4,000 PSI.

THE CONCRETE HAS ATTAINED A MINIMUM COMPRESSIVE TRANSFER THE LOAD FROM THE ANCHORAGES TO THE PILE AFTER POINTS ARE TO BE INDICATED WITH A 2" WIDE BLACK MARK.

WHERE CAST-IN-PLACE LIFTING DEVICES ARE NOT USED, PICK-UP OPENINGS SHALL BE REPAIRED SUCH THAT THE APPEARANCE OF THE PILE IS UNIFORM.

AFTER ATTACHMENTS HAVE BEEN REMOVED, OPENINGS SHALL PATCHING MATERIAL SHALL BE DETAILED IN SHOP DRAWINGS.

PROJECT NO.

STATION:

COUNTY

DEPARTMENT OF TRANSPORTATION

16" PRESTRESSED CONCRETE PILE

ELEVATION

SECTION "A-A"

TYPICAL PATTERN FOR BURNING STRANDS

1/2" OR 0.6" Ø GRADE 270 L/R PRESTRESS STRANDS