Design Standards

**Description:**

1. Work this Index with Index No. 22600 - Notes and Details for Square CFRP & SS Prestressed Concrete Piles and Index No. 22601 - Square CFRP & SS Prestressed Concrete Pile Splices.

2. Any of the given Alternate Strand Patterns may be utilized.

**Notes:**

**12' SQUARE CFRP & SS PRESTRESSED CONCRETE PILE**

**CFRP PILE SPLICE REINFORCEMENT DETAILS**

**SECTION D-D**

(See Nondrivable Unforeseen Reinforced Precast Pile Build-Up Detail)

**SECTION E-E**

(See Drivable Unforeseen Prestressed Precast Pile Splice Detail)

**SECTION A-A**

**ALTERNATE STRAND PATTERNS**

- 4 - 0.6" Ø, CFRP 7-Strand, at 42 kips
- 4 - 0.6" Ø, CFRP Single-Strand, at 41 kips

**CFRP PRESTRESSED PILE DETAILS**
SS PRESTRESSED PILE DETAILS

NOTES:
1. Work this Index with Index No. 22600 - Notes and Details for Square CFRP & SS Prestressed Concrete Piles and Index No. 22601 - Square CFRP & SS Prestressed Concrete Pile Splices. Any of the given Strand Patterns may be utilized.
2. The strands shall be located as follows:
   - Place one strand at each corner and place the remaining strands equally spaced between the corner strands.
   - The total strand pattern shall be concentric with the nominal concrete section of the pile.

12" SQUARE CFRP & SS PRESTRESSED CONCRETE PILE