** See Note 4 on Index 455-102

ALTERNATE STRAND PATTERNS

16 – 0.6" Ø, CFRP 7-Strand, at 42 kips
16 – ½" Ø, CFRP Single-Strand, at 41 kips

NOTES:
1. Work this Index with Index 455-101 - Typical Details and Notes for Square CFRP & SS Prestressed Concrete Piles and Index 455-102 - Square CFMP & SS Prestressed Concrete Pile Splices.
2. Any of the given Strand Patterns may be utilized.
   - 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.
SS PRESTRESSED PILE DETAILS

455-124

SS PRESTRESSED PILE DETAIL

SECTION D-D

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

SECTION E-E

(See Drivable Prestressed Precast Pile Splice Detail)

SECTION F-F

(See Drivable Preplanned Pile Splice Detail)

NOTES:

1. Work this Index with Index 455-101 - Typical Details and Notes for Square CFRP & SS Prestressed Concrete Piles and Index 455-102 - Square CFMP & SS Prestressed Concrete Pile Splices.

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

** See Note 4 on Index 455-102

STRAND PATTERN

28 - ½" Ø, H55S at 26 kips

See Strand Pattern

ELEVATION

** See Note 4 on Index 455-102

12 - No. 10 SS Dowels

4 - No. 8 SS Bars (Full length)

Prestressing Strands

12 - No. 10 SS Bars (10'-6" long)

(Shift as required to clear strands)

Spiral Ties

12 - No. 10 SS

3 Cover

(Pype.)

3 Cover

(Pype.)

8' x 8'

Spiral Ties

12 - No. 10 SS

3 Cover

(Pype.)

3 Cover

(Pype.)

8' x 8'

Front Elevation

See Drivable Preplanned Pile Splice Detail

SS PILE SPLICE REINFORCEMENT DETAILS

1-0-26/2017

DESCRIPTION:

REVISED

LAST

REVISION

01/01/16