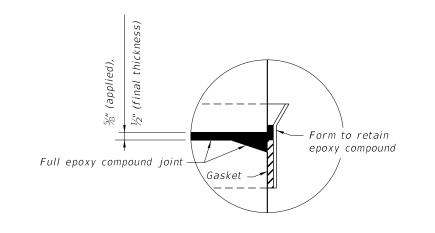
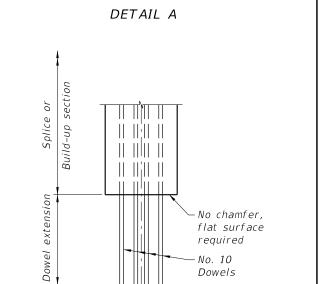
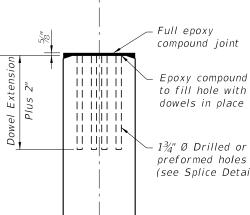
- 1. For Sections D-D, E-E, & F-F see Index 455-012 thru 455-030 for applicable concrete pile size and Pile Splice Reinforcement Details.
- 2. Prestressing strands, spiral ties and/or reinforcement are not shown for clarity.
- In cases where pile splices are desired due to length limitations in shipping and/or handling, the "Drivable Preplanned Prestressed Precast Splice Detail" shall be used. Mechanical Pile Splices contained on the Approved Products List (APL) may also be used.
- When preformed dowel holes are utilized, the 1" spiral tie pitch shall be continued to 4'-0" below the head of the pile, See Index 455-018, 455-020 & 455-024. Preformed holes shall utilize either removable preforming material or stay-in-place corrugated galvanized steel ducts. Stay-in-place ducts shall be fabricated from galvanized sheet steel meeting the requirements of ASTM A653, Coating Designation G90, 26 gauge. Ducts shall be 2" diameter with a minimum corrugation (rib) height of 0.12 in. Ducts shall be fabricated with either welded or interlocked seams. Galvanizing of welded seams will not be required.
- 5. For tension piles where top of Prestressed Pile is less than 3 feet below Pile Cut-off Elevation, extend No. 10 Dowels into cap beyond Pile Cut-off Elevation to achieve development as approved by the Engineer.

1" Cover

at End







1¾" Ø Drilled or preformed holes (see Splice Details)

TYPICAL SPLICE BEFORE BONDING

C-I-P Concrete Bent Cap, Pile Cap No. 10 Dowels or Footing Full length of Build-up Pile Cut-off Elevation Mini M Build-up C-I-P Pile D DBuild-up D D -Top of 11 11 11 11 Prestressed Pile 0 - 0 | 0 - 0 ē (Typ.) No. 10 Dowels Detail A ַטַ טַוֹטַ טַ Extended into Cap/ Footing to Pile cut-off Elevation; . U U'U U See Note 5.

> NON-DRIVABLE UNFORESEEN REINFORCED PRECAST PILE BUILD-UP DETAIL

DRIVABLE UNFORESEEN PRESTRESSED PRECAST PILE SPLICE DETAIL

. 6 6 6 6

E

_ No. 10

Ε

Dowels

Detail A

-0

Splice

pile

sed

Driven prestres

extension

Dowe!

DRIVABLE PREPLANNED PRESTRESSED PRECAST PILE SPLICE DETAIL

ΙE

No. 10

Dowels

See

Detail A

Preformed holes, 4'-2" long, in driven pile (see Note No. 4)

Auxiliary reinforcing

steel cast with pile. See Section F-F.

Ε

UNFORESEEN REINFORCED C-I-P PILE BUILD-UP DETAIL

FDOT

REVISION 07/01/14

DESCRIPTION: