**INSTALLATION & SHIPPING**

1. Remove Rigid Filler Pipe.
2. Inspect Tendon for voids as necessary.
3. Vacuum inject as required. If grout is used, allow grout to cure. If flexible filler is used, replace filler displaced by inspection. Remove pipe used for vacuum injecting.
4. Clean threads and rethread as required.
5. Install Threaded Plug into Outlet to form a tight fit.
6. Over-ream hole ($\frac{1}{4}$" Ø over-ream). Clean and roughen sides.
7. Fill Pocket with Epoxy Grout.

**FILLER OUTLET CONNECTION TO DUCT**

**POCKET PREPARATION**

**TOP INSPECTED ANCHORAGE WITH FILLER INLET INSTALLATION, FILLER INJECTION, INSPECTION & PROTECTION**

**NOTES:**

1. Holes used for the Inspection and Filler Inlets/Outlets may be formed using tapered pipes or mandrels.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.

**SHUTOFF VALVE**

Place Anchorage Filler Outlet/Inspection Port at top of Anchorage. Install Threaded Plug in Anchorage after filler injection.

**FILLER OUTLET DETAIL AT HORIZONTAL SURFACES**

**FACE INSPECTED ANCHORAGE WITH FILLER OUTLET**

**FACE INSPECTED ANCHORAGE WITH FILLER INLET**

**INSPECTION**

**PROTECTION**

**NOTE:** Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.
INLET END
(EMBEDDED ANCHORAGE SHOWN; ANCHORAGE AT CONCRETE SURFACE SIMILAR)

OUTLET END

NOTES:
1. Anchor or Nut to allow for flow of Filler into Cap.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.

FILLER OUTLET DETAIL FOR BAR TENDONS
(VERTICALLY ORIENTED TENDON SHOWN; HORIZONTALLY ORIENTED TENDON SIMILAR)

TENDONS AT HIGH POINTS AND 3' FROM HIGH POINTS (FILLER OUTLET)

TENDONS AT LOW POINTS
(FILLER INLET / DRAIN)

PROCEDURE:
1. Remove Rigid Filler Pipe or drill Grout in flexible pipe.
2. Inspect tendon for voids.
3. Vacuum inject as required. If grout is used, allow grout to cure. If flexible filler is used, replace filler displaced by inspection. Remove pipe used for vacuum injecting.
4. Install Threaded Plug into Outlet to form a tight fit.
5. Over-ream hole (1/4" Ø over-ream). Clean and roughen sides.
6. Fill pocket with epoxy grout.

FILLER OUTLET DETAIL AT VERTICAL SURFACES

NOTES:
1. Anchor or Nut to allow for flow of Filler into Cap.
2. Where a vacuum system is connected to an anchorage, connect both the anchorage outlet and the cap outlet to the vacuum system.

POST-TENSIONING ANCHORAGE AND TENDON FILLING DETAILS

DESCRIPTION:
REVISION
LAST OF STANDARD PLANS
FY 2018-19
STANDARD PLANS
POST-TENSIONING ANCHORAGE
AND TENDON FILLING DETAILS

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REV 01/01/16

6/2017
FDOT

FILLER OUTLET DETAIL FOR I-GIRDERS

DETAILS FOR C.I.P. BOXES WITH INTERNAL TENDONS SIMILAR. WEB REINFORCING NOT SHOWN FOR CLARITY.