



Florida Department of Transportation

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SECRETARY

ESTIMATES BULLETIN 12-14

DATE: December 12, 2012

TO: District Estimates Coordinators; District Design Engineers

FROM: Phillip Greg Davis, State Estimates Engineer

COPIES TO: Duane Brautigam, David Sadler, Tim Lattner, Mark Wilson, Robert Robertson, Rudy Powell, Stefanie Maxwell, Chester Henson, Trey Tillander

SUBJECT: Jack & Bore for Drainage Applications

ISSUE BACKGROUND: In the past, Jack & Bore was paid as a separate operation under Section 556 of the specifications. As part of the ongoing effort to consolidate material requirements from the Minimum Specifications for Traffic Control Signals and Devices (MSTCSD) and the Standard Specifications, Section 556 of the specifications has been updated to remove all compensation. When this specification is used, payment will be included in the item to be installed: conduit installed by Jack & Bore will be paid under Section 630 and drainage pipe installed by Jack & Bore will be paid under Section 430. Jack & Bore for conduit applications is addressed in a separate Estimates Bulletin.

Per the new pipe culvert specification, Pipe Culvert Optional Material – Jack & Bore can be installed with a casing or as a carrier (without a casing).

For **optional pipe installed by Jack & Bore with a casing**, the measurement and payment for Pipe Culvert Optional Material – Jack & Bore will be the plan quantity length of the casing, in place and accepted and is paid for separately from Pipe Culvert Optional Material. The Pipe Culvert Optional Material will be the plan quantity of pipe determined from the inside wall of the structure as shown on the Plans, along the centerline of the pipe and includes the pipe installed through/inside the casing.

For **optional pipe installed by Jack & Bore as a carrier (without a casing)**, the measurement and payment for Pipe Culvert Optional Material – Jack & Bore will be the plan quantity length and is paid for separately from the Pipe Culvert Optional Material. The Pipe Culvert Optional Material will be the plan quantity of pipe determined from the inside wall of the structure as shown on the Plans, along the centerline of the pipe, minus the plan quantity length paid separately as Pipe Culvert Optional Material- Jack & Bore.

In summary, when the optional pipe is installed by Jack & Bore, with or without a casing, the Pipe Culvert Optional Material – Jack & Bore pay item is to be used.

IMPLEMENTATION: Effective with projects let July 1, 2013, update plans, including the tabulation sheets, pay items, and quantities, to coordinate with the specification changes.

Update Pay Items: The *2013 Basis of Estimates Manual (BOE)* will be updated to reflect the above changes. The following pay item is valid through June 30, 2013:

556-1-A Jack & Bore, LF

The following pay item will remain valid:

430-17A-BCC Pipe Culvert, Optional Material, LF

The following pay item will be effective July 1, 2013:

430-18A-BCC Pipe Culvert, Optional Material- Jack & Bore, LF

A = Application

4 (Side Drain) SD

5 (Cross Drain)

B= blank

CC = Standard Pipe Sizes

12 (12")

15 (15")

18 (18")

24 (24")

30 (30")

36 (36")

42 (42")

48 (48")

54 (54")

60 (60")

66 (66")

72 (72")

78 (78")

84 (84")

90 (90")

96 (96")

99 (99" or greater) Note size in plans

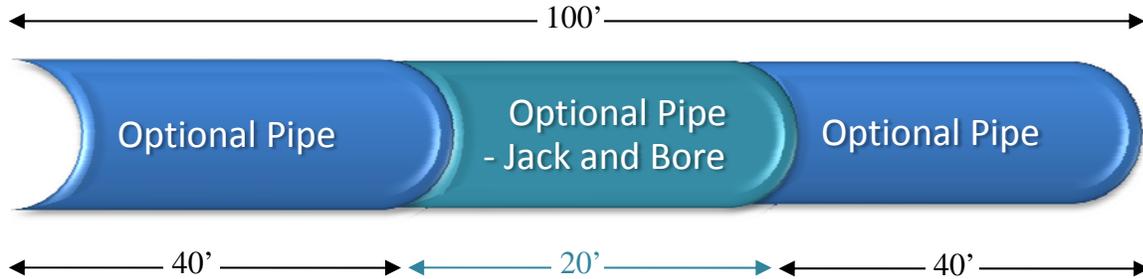
Update Plans and Pay Item Notes: For applicable projects, update the tabulation sheets and Proposal Summary of Quantities (Transport report) in the plans.

Specifications: Specifications will be available with the July 2013 workbook.

If you have any questions regarding the above items, please contact Melissa Hollis 850-414-4182.

Method of Measurement for Optional Pipe

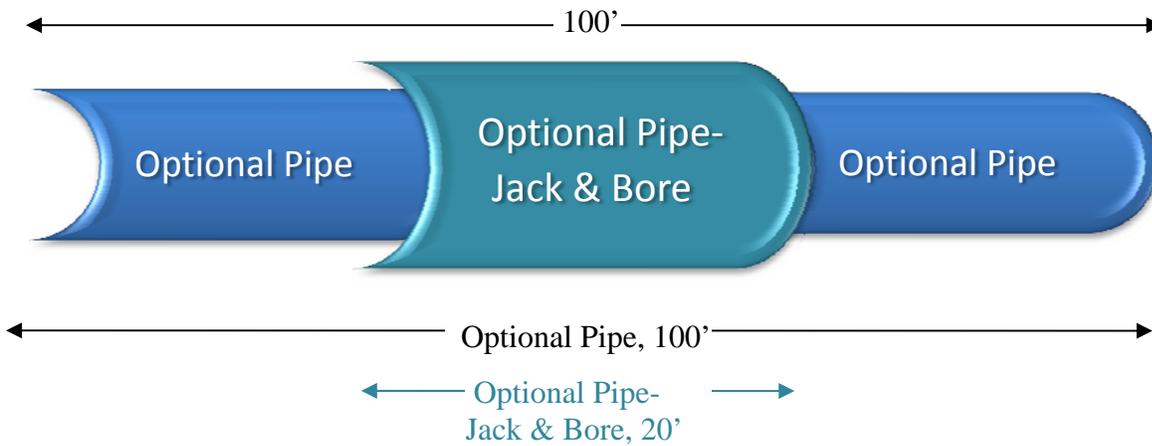
1) New Pipe as Carrier (without a casing):



Optional Pipe, Pay Item 430-17A-BCC = 80'

Optional Pipe- Jack & Bore, Pay Item 430-18A-BCC = 20'

2) New Pipe with Casing:



Optional Pipe, Pay Item 430-17A-BCC = 100'

Optional Pipe, Jack & Bore, Pay Item 430-18A-BCC = 20'