



Florida Department of Transportation

CHARLIE CRIST
GOVERNOR

605 Suwannee Street
Tallahassee, FL 32399-0450

STEPHANIE C. KOPELOUSOS
SECRETARY

ESTIMATES BULLETIN 10-01 ROADWAY DESIGN BULLETIN 10-02

DATE: February 10, 2010

TO: District Estimates Coordinators, District Design Engineers, District Drainage Engineers

FROM: Phillip Greg Davis, State Estimates Engineer
David C. O'Hagan, State Roadway Design Engineer

COPIES TO: Lora Hollingsworth, Brian Blanchard, Duane Brautigam, Rick Renna

SUBJECT: Pipe Culvert Optional Material- "Optional Pipe" Pay Items

ISSUE BACKGROUND: Over the past 7 years, several changes have been made to payment for optional pipe: elliptical and arch shapes were combined, similar pipe sizes were combined for payment purposes- to gain efficiencies in historical data, and storm and cross drain applications were combined for payment purposes. The contracting industry has requested that individual pay items be used for pipe sizes. The Department has agreed to make this change.

For estimating purposes, the installed cost (set-up, equipment, materials, and labor) for pipe continues to be dependent on the total length of pipe installed on a project. While small differences in material costs exist between pipe sizes, the set-up and equipment costs are less dependent upon pipe size; therefore, shorter lengths of pipe tend to have significantly higher unit prices.

IMPLEMENTATION: Effective with the January 2011 letting, all optional pipe will be paid by individual pipe sizes. Projects let between July 2010 and December 2010 may be updated, where implementation will not adversely impact production schedules.

Update Pay Items: The following pay items will be valid through December 31, 2010:

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

A= Application

3 (Gutter Drain) GD

4 (Side Drain) SD

5 (Storm and Cross Drain)

B = Shape

1 (Round Shape)

2 (Other -Elliptical/Arch)

CC= Standard Pipe Sizes

01 (up to 24")

02 (25 to 36")

03 (37 to 48")
04 (49 to 60")
05 (61" or greater)

The following pay items are available for projects let July 1, 2010 and later:

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

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: The A and B variables for application and shape were not changed.

Update Plans and Pay Item Notes: Update plans and pay items, including the Drainage Optional Pipe Tabulation and Proposal Summary of Quantities sheets in the plans.

Specifications: No specification changes are required.

If you have any questions regarding the use of the above items, please contact Melissa Hollis, Basis of Estimates Coordinator, at 850-414-4182.