

**IOWA DEPARTMENT OF TRANSPORTATION**

To Office Bridges and Structures Date May 1, 2009  
Attention All Employees Ref No. 521.1  
From Gary Novey  
Office Bridges and Structures  
Subject Revision of the English Flume Standards FBJ-01-04, FBJ-02-04, and FBJ-03-04.  
(CADD M0147)

The revised standards are located in the EnglishSignedFlumes file. Electronic copies are available in the following Office of Bridges and Structures standard directory **W:\Highway\Bridge\Standards\Culverts** and on the Internet:

<http://www.iowadot.gov/bridge/v8seculstd.htm>

The following flume standards have been revised:

1. Standard FBJ-01-04

The Total Concrete quantities have been corrected to agree with the Concrete Placement quantities for the 3x3, 4x4, and 5x6 Junction Bell Joint sizes and 5x3, 5x4, 5x5, and 5x6 Chute Bell Joint sizes.

2. Standard FBJ-02-04

Total Concrete quantities have been corrected to agree with the Concrete Placement quantities for the 6x3, 8x4, 8x5, 8x6, and 8x8 Junction Bell Joint sizes and the 6x8 and 8x5 Chute Bell Joint sizes.

3. Standard FBJ-03-04

Total Concrete quantities have been corrected to agree with the Concrete Placement quantities for the 10x10, and 12x10 Junction Bell Joint sizes and the 10x8 and 12x8 Chute Bell Joint sizes.

The updated revision date should be used in any project referencing these standards. If you have any questions on the issued sheets, please check with Thayne Sorenson or Dean Bierwagen.

GAN/dgb/bj