Hillsborough County Florida

ENGINEERING & OPERATIONS
PO Box 1110, Tampa, FL 33601-1110
813-635-5400 | Fax: (813) 272-5811

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STORMWATER MANAGEMENT TECHNICAL MANUAL BULLETIN 25-02

DATE: February 28, 2025

TO: County Director of Engineering & Operations Department,
County Director of Capital Programs Department,
County Manager of Construction Services,
County Director of Transportation Maintenance Division,
County Project Managers, and Project Engineers of Record

FROM: County Engineer,
County Director of Technical Services Division

COPIES: County Director of Performance Data and Analytics Department

SUBJECT: **PRECLUSION OF BUBBLER BOX CONSTRUCTION**

This bulletin announces the preclusion of bubbler boxes within the County's right-of-way.

REQUIREMENTS

Hillsborough County prohibits the use of bubbler boxes within the County's right-of-way.

BACKGROUND

A bubbler box is defined as a grate inlet structure that is utilized as an end treatment feature for a storm sewer system, which creates a "bubble up" discharge condition. These structures typically fill with sediment and become inoperable over time, causing the upstream hydraulic grade line of the storm sewer system to exceed inlet top elevations, creating flooding issues. This is the reason these structures are prohibited.

IMPLEMENTATION

Implementation is the date of the County Engineer's signature.

CONTACT

Please use the email link below to address any questions or comments in reference to this Design Bulletin:

PW-Standards_Inquiry

Recommended / Date:

Leland Dicus

Digitally signed by Leland Dicus
Date: 2025.03.14 09:06:36 -04'00'

Leland Dicus, Professional Engineer
Technical Services Division Director

Approved / Effective Date:

Michael J. Williams

Digitally signed by Michael J. Williams
Date: 2025.03.19 08:55:08 -04'00'

Michael J. Williams, Professional Engineer
County Engineer