
Index 425-031 Adjacent Barrier Inlet

ORIGINATION

Date: 7/9/25

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COMMENTARY

Standard Plans Index 425-031 previously called for a 2-inch target elevation difference between the barrier's gutter line (bottom of barrier face) and the top of the inlet structure. This 2" depression helps with water conveyance to the inlet. That said, the previous tolerance on this 2-inch dimension allowed for variability that included no elevation difference, which is the simplest construction process but not the desired result. These current revisions will now clarify the 2-inch elevation difference need in all details and remove the variable dimension to ensure that the 2-inch offset is constructed as intended.

COMMENTS AND RESPONSES

BLACK = Industry Review Comments **BLUE** = Standard Plans Response **GREEN** = Change Made to Index

Name: Kevin Micocci

Date: 8/7/25

COMMENT: The new FDM format for drainage structure tables provides Station, Offset, and Elevations based on the reference point provided in the Standard Plans. On Sheet 425-031, Sheet 2 of 4, top left, the plan view location for station and offset is provided. However, it is not clear on this Standard, or any other drainage inlet standard, where the reference elevation is intended to be. Is it on the top of grate? Is it at the rim elevation? This has been an issue on my ongoing projects with Barrier Inlets and Type 5/6 inlets.

RESPONSE: Thank you for your comment. This is covered in the Drainage Design Guide, Figure 6.1.1.

CHANGE MADE TO INDEX: No.

Response Date: 8/21/25