Index 425-054 Ditch Bottom Inlet Type J

Design Criteria

FDOT Design Manual (FDM); ***Drainage Manual (DM)***; ***Drainage Design Guide (DDG)***

Design Assumptions and Limitations

This inlet is designed for use in ditches, medians, pavement areas, or other areas subject to heavy traffic loadings with minimal debris. This inlet is not for use in areas subject to bicycle traffic. This inlet may be placed in areas subject to occasional pedestrian traffic such as landscaped areas and pavement areas where pedestrians can walk around the inlet.

Recommended maximum pipe sizes for concrete pipe:

For 2’11” or 3’3” Inlet Inside Width: 24”

For 3’10” or 4’0” Inlet Inside Width: 30”

Sizes for other types of pipe must be checked for fit in accordance with ***Index 425-001***.

For larger pipe see bottom detail in ***Index 425-010***.

Plan Content Requirements

Include Drainage Structure information in the Plans in accordance with the requirements of the Basis of Estimates Manual (***BOE***) and the ***FDM.***

Call out Alternate G Grates when galvanized grates are required.

Payment

Item number	Item Description	Unit Measure
425-160-	Inlets, Dt Bot, Type J	EA

See the ***BOE*** and ***Specification 425*** for additional information on payment, pay item use and compensation.