Index 425-061 Closed Flume Inlet

Design Criteria

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

Design Assumptions and Limitations

Closed Flume Inlets are designed for use with Type F curb and gutter only. Locate inlets outside of curb ramp areas.

Single Barrel Flumes are intended for locations with light to moderate flows. Use Multiple Barrel Flumes for design heavy flows.

The 2'0" slope on the back of the slab is intended to eliminate the need for handrail/ guiderail.

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.***

Specify the Flume type, Flume Length and number of barrels.

Specify when energy dissipating bricks are required.

Cost of the 4" Concrete slab and 6"x6" W2.5xW2.5 Min. Welded Wire Reinforcement (Sheet 3) included in cost of Inlet.

Payment

Item number	Item Description	Unit Measure
425-1-910	Inlets – Closed Flume	EA

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