Indexes 425-040 and 425-041 Gutter Inlets

Design Criteria

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

Design Assumptions and Limitations

Type S inlets are intended for use in shoulder gutter on facilities subject to heavy wheel loads (H-20).

Type V Inlets are intended for use in valley gutter. This inlet is suitable for village swales, ditches, or other areas subject to heavy wheel loads and minimum debris. 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. This inlet is not for use in a bicycle way.

RECOMMENDED MAXIMUM PIPE SIZES

Inlet Inside Width	Pipe Size
2'-11" or 3'-3	24"
3'-10" or 4'-0"	30"

Note: Recommended sizes are based on concrete pipe. Sizes for other types of pipe must be verified for fit in accordance with ***Index 425-001***. For larger pipe use J-Bottom, See ***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.***

Require the reticuline grate option for Type S inlets in locations where bicycle traffic is anticipated.

Specify Alt. G grates when galvanized grates are required.

Payment

Item number	Item Description	Unit Measure
425-70B	Gutter Type S	EA
425-71B	Gutter Type V	EA

Gutter Transitions are paid for under the Gutter pay item. See the ***BOE*** and ***Specification 425*** for additional information on payment, pay item use and compensation.