

Index 425-060 Back of Sidewalk Drainage

Design Criteria and Guidance

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

Design Assumptions and Limitations

Maximum Pipe size for Special Concrete Endwall is 24”.

Locate Yard Drains outside the Right of Way, with a maximum drainage area of 750 SF (Grate flow 0.1 cfs).

Yard Drain Grate Flow Area is 45 square inch (minimum).

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 Case (Yard Drain, Concrete Endwall, etc.) in the Plans.

Payment

| Item number | Item Description | Unit Measure |
|-------------|---------------------------------------|--------------|
| 425-53- | Inlets – Ditch Bottom Type C Modified | EA |
| 515-1 | Pipe Handrail | LF |
| 425-17 | Back of Sidewalk Endwall | EA |
| 425-10 | Yard Drains | EA |
| 430-963 | PVC Pipe for Back of Sidewalk | LF |

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