Index 430-030 to 430-034 Straight Concrete Endwalls

Design Criteria

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

Design Assumptions and Limitations

Locate endwalls in accordance with the ***Drainage Manual Chapter 3***.

For sod around end treatments, see ***Index 570-001***.

See example below for positioning of the endwalls.

Plan Content Requirements

In the Roadway Plans:

Summarize quantity by location in the Summary of Drainage Structures, Summary of Sidedrain, or Summary of Miscellaneous Drainage Items in accordance with ***FDM 916***.

Clearly show the location of each Endwall.

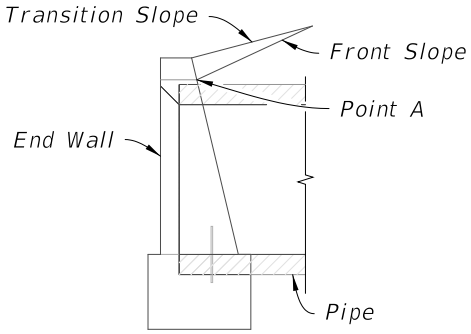
Payment

Item number	Item Description	Unit Measure
430-5AA-BCD	Endwalls	EA
570-1-A	Performance Turf	SY

See the ***BOE*** and ***Specification 430*** for additional information on payment, pay item use and compensation.

Example

Position is set by the intersection of the front slope and Point A where this intersection falls outside the clear zone.



SIDE ELEVATION

Where the front slope and Point A intersects inside the clear zone, the endwall is positioned so the Station/Offset Location is at the clear zone limit. The front slope is transitioned to the endwall as shown in ***Index 430-001***.