# 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.

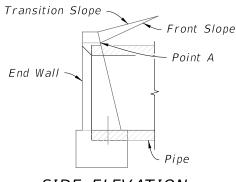
#### Payment

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*.