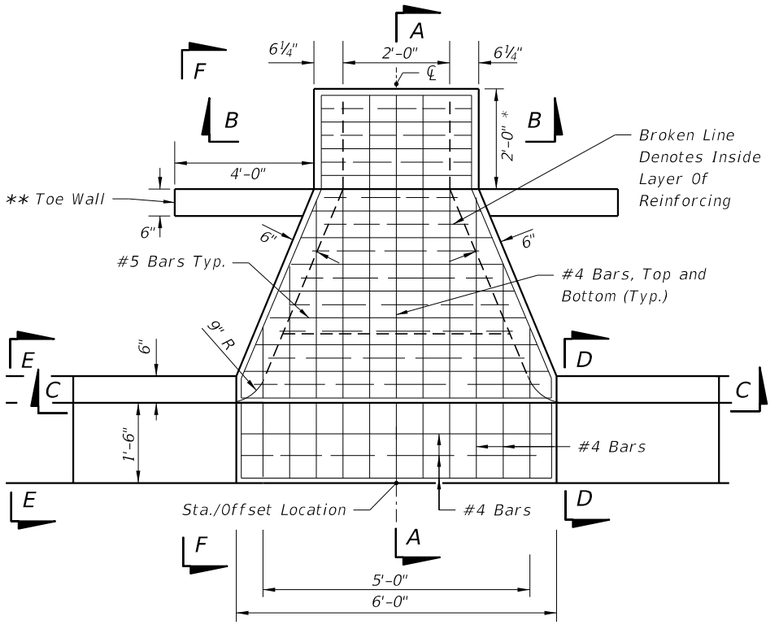
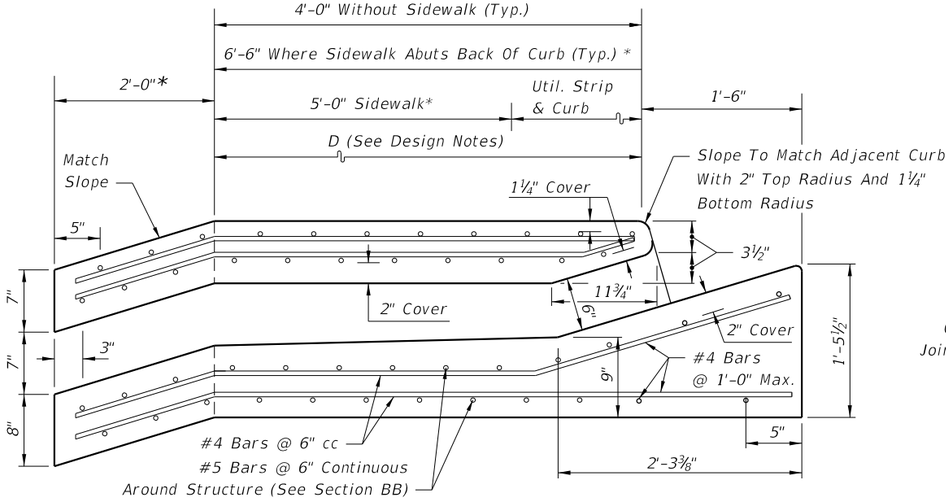


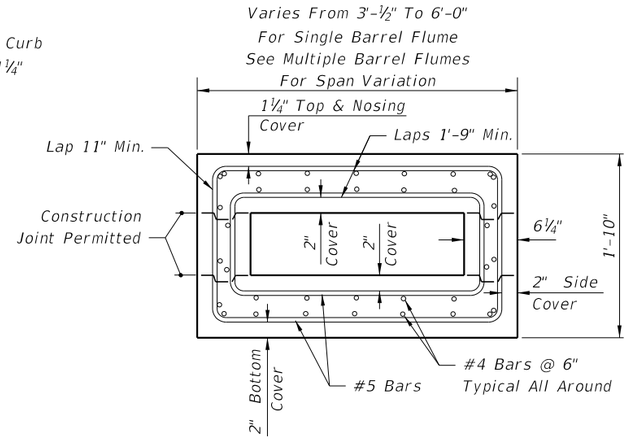
TOP VIEW



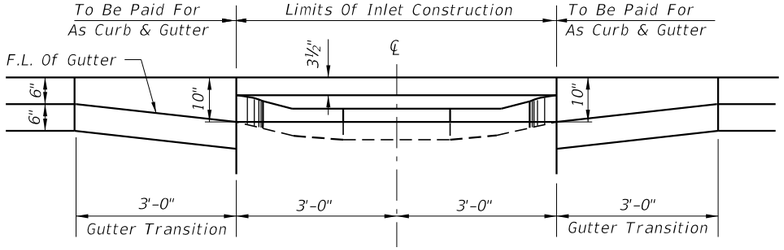
SECTION AA

* Sloped Section to be used w/sidewalk applications only.

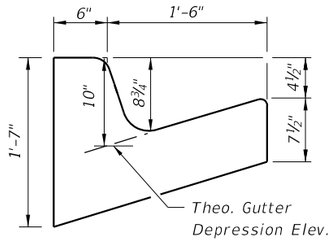
** Toe Walls as depicted to be used with sidewalk application only. For endwall without sidewalk see detail on Sheet 2.



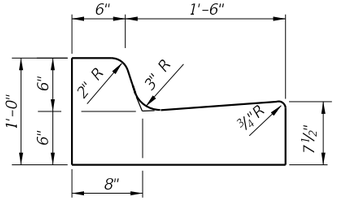
SECTION BB



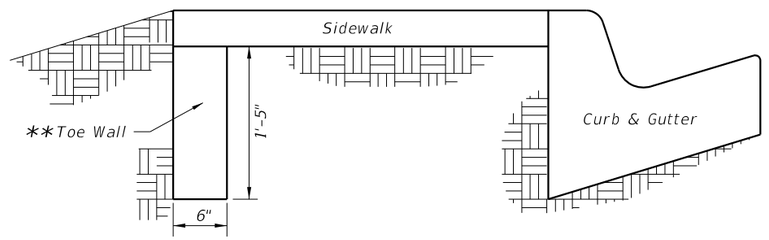
SECTION CC



SECTION DD



SECTION EE
(Curb And Gutter Type F)



SECTION FF

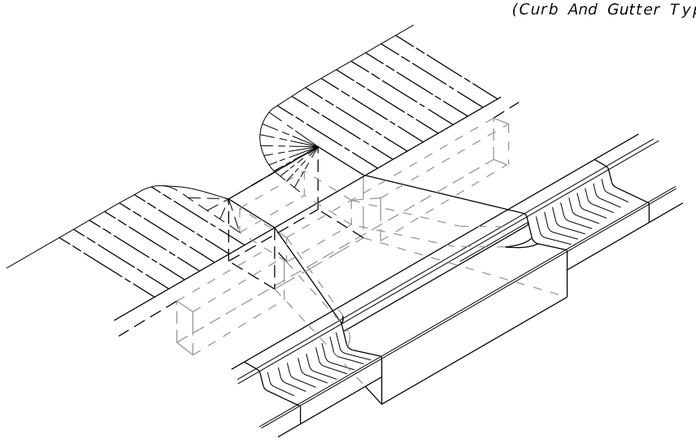
DESIGN NOTES

1. These inlets are designed for use with Type F curb and gutter only. Locate inlet outside of curb ramp area.

   The Single Barrel Flume is intended for locations with light to moderate flows. Multiple Barrel Flumes must be selected to meet design heavy flows.

2. Designer must specify Flume Type, "D" dimension, number of barrels and guiderail requirements in plans.

3. Designer must specify where energy dissipating bricks are required.



FLUME W/SIDEWALK INLET (CLOSED FLUME) TYPE I
SINGLE BARREL FLUME DEPICTED

GENERAL NOTES

1. The finished grade and slope of the inlet top are to conform with the finished cross slope and grade of the proposed sidewalk and/or border.

2. When inlets are to be constructed on a curve, refer to the plans to determine the radius and, where necessary, modify the inlet details accordingly. Bend steel when ecessary.

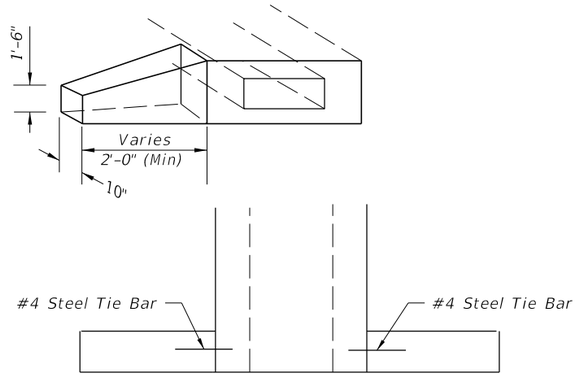
3. All steel shall have 2" minimum cover unless otherwise shown. Inlets can be either cast-in-place or precast concrete. Chamfer all exposed edges ¾".

4. All reinforcement is ASTM A615/A615M Grade 60 steel, either smooth or deformed. Equivalent area grade 40 steel or 65 ksi welded wire fabric may be substituted.

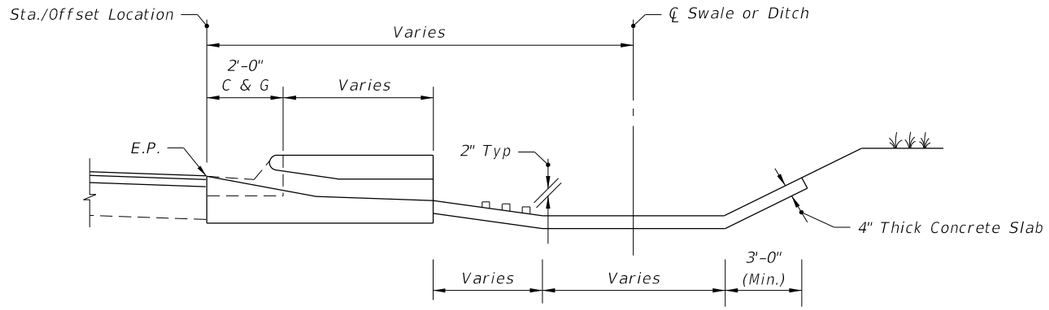
5. Inlets to be paid for under the contract unit price for Inlets (Closed Flume) EA.

10/11/2016 10:23:02 AM

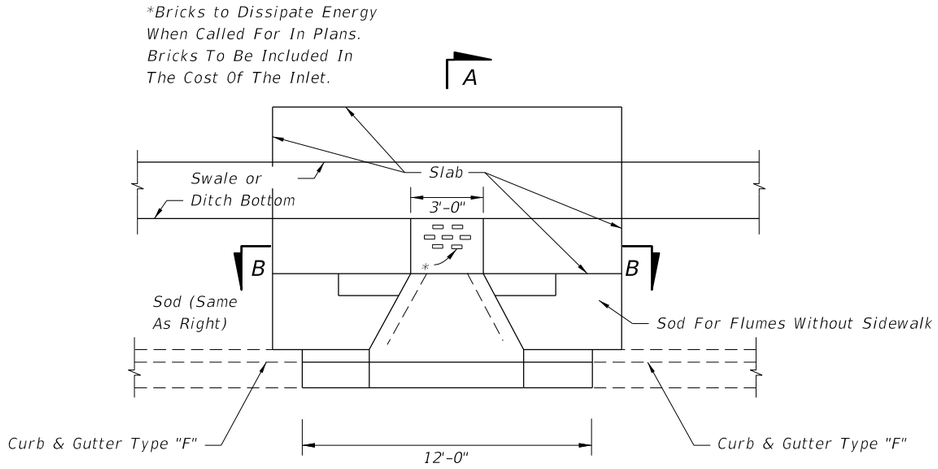
LAST REVISION	REVISION	DESCRIPTION:	FY 2017-18 DESIGN STANDARDS	CLOSED FLUME INLET	INDEX NO.	SHEET NO.
11/01/16					216	1 of 3



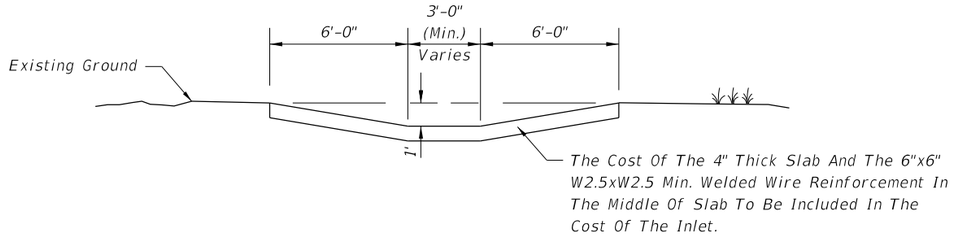
ENDWALL



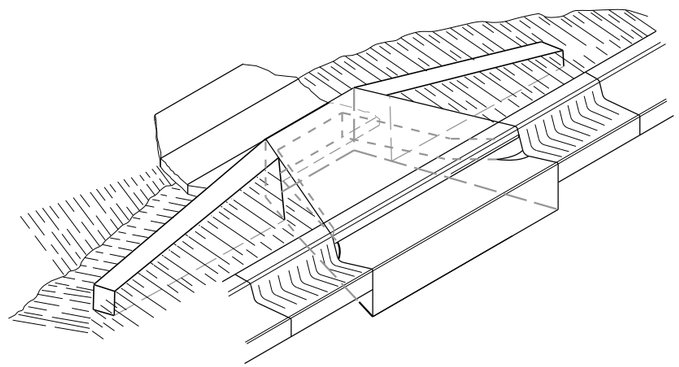
SECTION AA



PLAN



SECTION BB

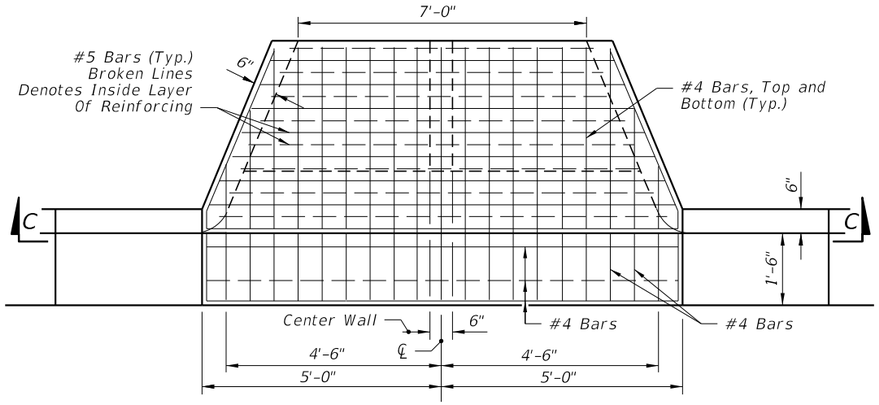


FLUME W/O SIDEWALK INLET (CLOSED FLUME) TYPE II

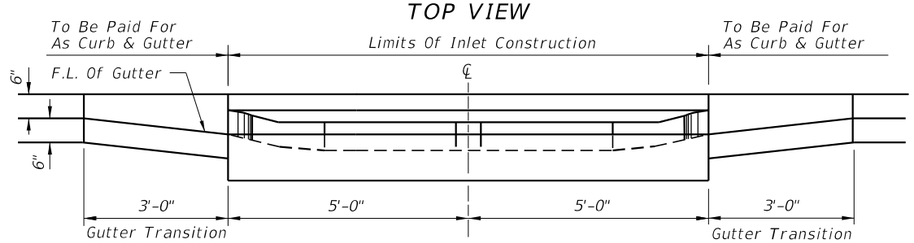
SINGLE BARREL FLUME DEPICTED

10/11/2016 10:23:04 AM

LAST REVISION	REVISION	DESCRIPTION:	FDOT FY 2017-18 DESIGN STANDARDS	CLOSED FLUME INLET	INDEX NO.	SHEET NO.
11/01/16					216	2 of 3

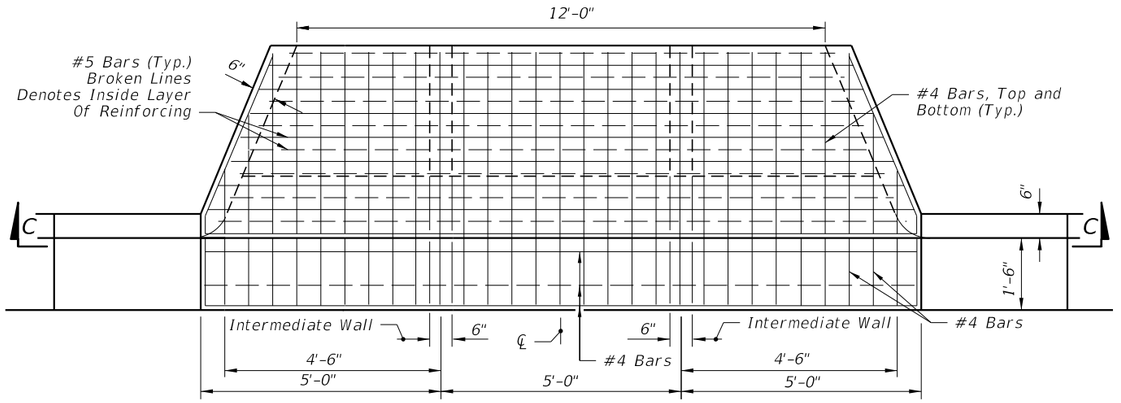


TOP VIEW

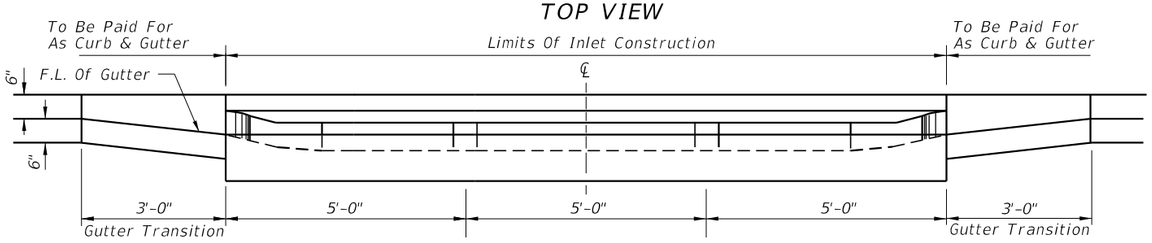


SECTION CC

DOUBLE BARREL FLUME

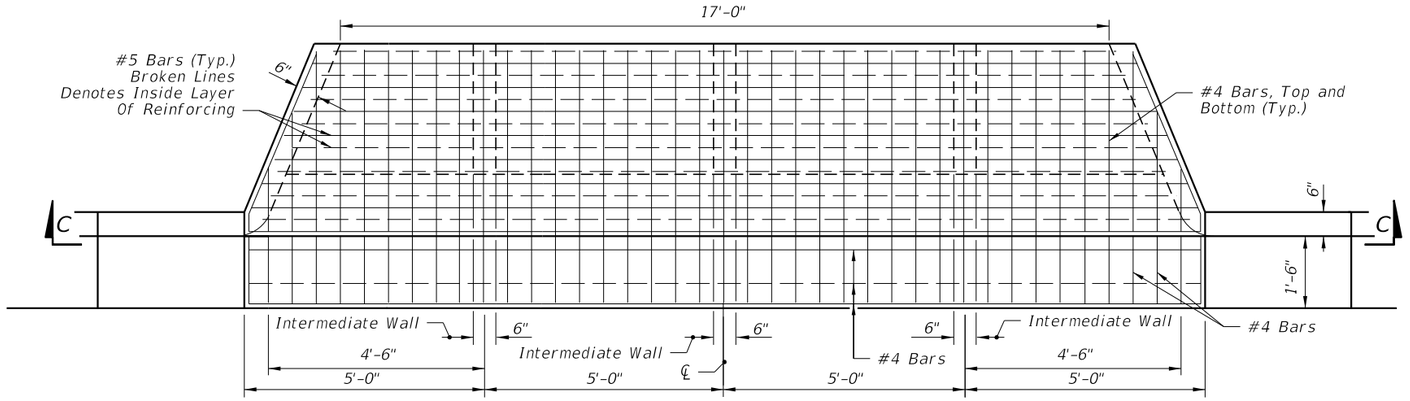


TOP VIEW

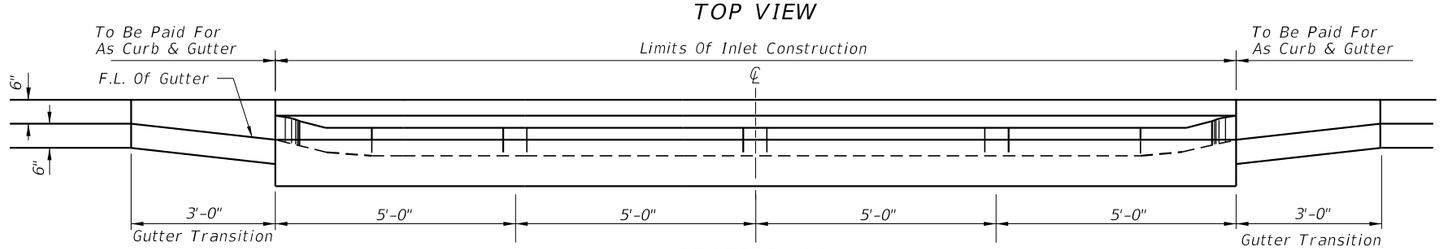


SECTION CC

TRIPLE BARREL FLUME

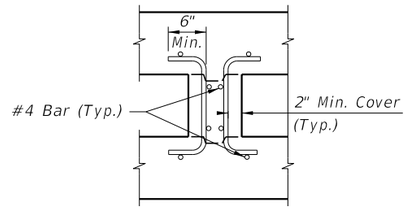


TOP VIEW



SECTION CC

QUADRUPLE BARREL FLUME



INTERMEDIATE-WALL REINFORCING

NOTE: See Barrel Flume For Base Dimensions.

10/11/2016 10:23:06 AM

LAST REVISION	REVISION	DESCRIPTION:			INDEX NO.	SHEET NO.
07/01/14			FY 2017-18 DESIGN STANDARDS	CLOSED FLUME INLET	216	3 of 3