



FLOW → FRONT
 TOP
 6" Usual Plastic Mesh
 2" Usual Filter Material
 6" Usual Plastic Mesh & Filter Material
 HORIZONTAL PLANE
 PLASTIC MESH L-SHAPE CROSS SECTION

NOTES:

1. The device shall be a molded L-Shaped plastic mesh material that will cover the entire curb opening with a minimum 6" vertical face height by 6" horizontal plane width by 6' long with approximately .25" openings.
2. The device must have filter fabric material that will allow water flow but stop sediment. It will extend from bottom up vertical plane a minimum of 2" and full width of horizontal bottom plane. The filter fabric shall be attached to the back of the plastic mesh. It shall not cover more than 1/3 of the height of the vertical plane opening to allow overflow in larger storm events to prevent flooding of travel lanes.

Filter Fabric Physical Requirements Table

Apparent Opening Size (AOS)	400 to 600 microns
Percent Open Area (POA)	>10%
Flow Rate	130 gallons per SF per minute with clean water or greater.

3. Place with horizontal plane pointing away from curb.
4. For high openings, the device or attachment should extend above opening.
5. For long curb openings, overlap the segments 6". Tie together with 4 zip ties in 4 places, 2 at the top and 2 at the bottom.
6. Install gravel, not sand, bags at each end, at overlaps and in the middle of each section. Use 1/3 full bags for low profile and best traffic avoidance.
7. Use bags that will have long-term resistance to UV exposure.
8. Sediment should be removed and device cleaned when sediment reaches 1" in depth.


Texas Department of Transportation
 DALLAS DISTRICT STANDARD
 TEMPORARY EROSION,
 SEDIMENT AND WATER
 POLLUTION CONTROL MEASURES
 CURB INLET SEDIMENT
 PROTECTION

FED. RD. DIV. NO.	PROJECT NUMBER	SHEET NUMBER
18		00
STATE	DISTRICT	COUNTY
TEXAS	DALLAS	DALLAS
CONTROL	SECTION	HIGHWAY NUMBER
0000	00	000 IH/SH/FM

REVISED ON 9/10/08