Figure 3.5 Schematics of 2"x4" Weir Curb Inlet Protection
(Source: Modified from Washington Suburban Sanitary Commission Detail SC-16.0)

Inlet Protection
April 2010, Revised 9/2014

CC-87
ALTERNATIVE FORM FOR TYPE A CURB INLET PROTECTION

1. DOUBLE WRAP OF FLEXIBLE WIRE MESH WITH MESH OPENING 3/4" MAX., OR
2. PLASTIC NETTING DOUBLE WRAPPED WITH 1/2" MAX. OPENING, OR
3. GEOSYNTHETIC TUBES

NOTE: PLASTIC OR WIRE TIES AROUND WIRE OR PLASTIC MESH EVERY 12"-18" OR MORE AS NEEDED.

NOTE: VERTICAL PANEL BARRICADES TO BE PLACED WHEN LOCATED ON AN ACTIVE STREET.

FIGURE 3.6 STANDARD CONSTRUCTION DETAIL - FILTER TUBE CURB INLET PROTECTION
NOT ALLOWED ON ACTIVE CITY STREETS UNLESS APPROVED BY CITY

HOG WIRE WEIR CURB INLET PROTECTION ISOMETRIC VIEW

18" OVERLAP AT FABRIC SPLICES.

CUT AWAY OF FILTER FABRIC

LOW FLOW

FABRIC STRUCTURE.

2"X4"-W1.4XW1.4

INLET OPENING AT EACH END.

VARIES

3" OVERLAP AT FABRIC SPLICES.

HOG WIRE WEIR CURB INLET PROTECTION CROSS SECTION

MINIMUM 2" HIGH CLEAR OPENING

ROCK BAGS @3' O.C.

ROCK BAGS @3' O.C.
(SEE TABLE EC1)

ROCK BAGS FILLED WITH 1 1/2" FILTER STONE

INLET

18"

12"

18"

NOTE: THIS CONTROL WILL DECREASE THE CAPACITY OF THE INLET. IT SHALL ONLY BE USED WHEN AN ENGINEER HAS DETERMINED THERE IS ADEQUATE STORAGE OR POSITIVE OVERFLOW.

REFERENCE: NCTCQG STANDARD SPECIFICATIONS (2017), SECTION 202.14

FIGURE 3.7 STANDARD CONSTRUCTION DETAIL - HOG WIRE WEIR CURB INLET PROTECTION (1 OF 2)
ROCK BAGS SHALL BE EVENLY SPACED ALONG TOP AND ALONG THE FRONT OF INLET.

HOG WIRE WEIR CURB INLET PROTECTION PLAN VIEW

TABLE EC1

<table>
<thead>
<tr>
<th>INLET OPENING</th>
<th>MINIMUM NUMBER OF ROCK BAGS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>TOP</td>
</tr>
<tr>
<td>5'</td>
<td>2</td>
</tr>
<tr>
<td>10'</td>
<td>3</td>
</tr>
<tr>
<td>15'</td>
<td>3</td>
</tr>
<tr>
<td>20'</td>
<td>4</td>
</tr>
</tbody>
</table>

NOTES:
1. A SECTION OF FILTER FABRIC SHALL BE REMOVED AS SHOWN ON THIS DETAIL TO PROVIDE A 2" MINIMUM CLEAR OPENING. FABRIC MUST BE SECURED TO WIRE BACKING WITH CLIPS OR HOG RINGS AT THIS LOCATION.
2. INSPECTION SHALL BE MADE BY THE CONTRACTOR AND SILT ACCUMULATION MUST BE REMOVED WHEN DEPTH REACHES 2".
3. INLET PROTECTIONS SHALL BE REMOVED AS SOON AS THE SOURCE OF SEDIMENT IS STABILIZED.
Figure 3.30 Schematics of Excavated Stone Outlet Sediment Trap
Figure 3.31 Schematics of Bermed Stone Outlet Sediment Trap
(Source: City of Chesterfield Department of Public Works Detail SC 7.2)
Figure 3.32 Schematics of Triangular Sediment Filter Dike

1. TOE-IN 6" MIN
2. FABRIC SKIRT WEIGHTED WITH FILTER STONE
   (ROCK BAGS MAY BE SUBSTITUTED FOR FILTER STONE)
3. TRENCHED IN 4"

CROSS SECTION OF INSTALLATION OPTIONS

N.T.S.