GENERAL NOTES

INLET PROTECTION, TYPE A

INLET PROTECTION, TYPE C (WITH CURB BOX)

INLET PROTECTION, TYPE B (WITHOUT CURB BOX)

INLET PROTECTION, TYPE D

INSTALLATION NOTES

TYPE B & C

TYPE D

The contractor shall demonstrate a method of maintenance, using a sewn flap, hand
holds or other method to prevent accumulated sediment from entering the inlet.

DO NOT INSTALL INLET PROTECTION TYPE D IN INLETS SMALLER THAN 30", MEASURED FROM THE BOTTOM OF THE INLET TO THE TOP OF THE GRATE.

The installed bag shall have a minimum size clearance, between the inlet walls and the bag, measured at the bottom of the overflow holes, of 3", unless necessary, the contractor shall

\[ 2\times4 \text{ stake and cross bracing} \]

\[ 12" \times 6" \text{ oval hole shall be heat cut into all four side panels.} \]

\[ 3" \text{ side clearance all around side pieces and on flap pockets.} \]

\[ \text{The wood shall not block the entire height of the curb box opening.} \]

\[ \text{Wood } 2\times4 \text{ extends } 8" \text{ beyond grate.} \]

\[ \text{Welded on both sides, length varies.} \]

\[ \text{Attach geotextile fabric, type FF to the stakes and cross bracing.} \]

\[ \text{Flap pockets shall be large enough to accept wood } 2\times4. \]

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\[ \text{INLET SPECIFICATIONS AS PER THE PLAN DIMENSIONS LENGTH AND WIDTH TO MATCH} \]

\[ \text{FLOW RUNOFF WATER} \]

\[ \text{TRIM EXCESS FABRIC IN THE FLOW LINE TO WITHIN } 3" \text{ OF THE GRATE.} \]

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References:

FDM 10-10-27

Bid items associated with this drawing:

<table>
<thead>
<tr>
<th>ITEM NUMBER</th>
<th>DESCRIPTION</th>
<th>UNIT</th>
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<tbody>
<tr>
<td>628.7005</td>
<td>Inlet Protection Type A</td>
<td>EACH</td>
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<tr>
<td>628.7010</td>
<td>Inlet Protection Type B</td>
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<td>628.7015</td>
<td>Inlet Protection Type C</td>
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<td>628.7020</td>
<td>Inlet Protection Type D</td>
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Standardized Special Provisions associated with this drawing:

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<th>TITLE</th>
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Other SDDs associated with this drawing:

NONE

Design Notes:

See Wisconsin Department of Transportation’s Product Acceptability List (PAL) for other inlet protection devices available. A copy of the PAL is available here: https://wisconsindot.gov/Pages/doing-business/eng-consultants/cnslt-rsrcs/tools/pal/default.aspx.

Use inlet protection Type A where the wooden posts can be placed around the inlet box. Examples of such locations include median inlets, field inlets, yard drains, or curb inlet locations prior to the placement of curb and gutter.

Inlet protection Type B or C may be used only after the inlet castings are in place. Most urban projects, with curb inlets will require both the bid item or inlet protection Type A and inlet protection Type C, at each inlet location, as the project progresses.

Inlet protection Type D is intended for locations where street flooding could pose safety hazards. Projects without parking lanes and locations where the inlets are on the low side of curves or the low points of vertical profiles should be evaluated for Type D inlet protection.

Contact Person:

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