SECTION A-A

PLAN

Plan of Reinforcement

Concrete

Reinf. Bars

Galv. Steel Pipe

Material required for one inlet box

<table>
<thead>
<tr>
<th>Bar</th>
<th>Qty</th>
<th>Size</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>h</td>
<td>10</td>
<td>No. 4 (No. 13)</td>
<td>12'-2&quot; (3.66 m)</td>
</tr>
<tr>
<td>h1</td>
<td>10</td>
<td>No. 4 (No. 13)</td>
<td>11'-5&quot; (3.48 m)</td>
</tr>
<tr>
<td>u</td>
<td>22</td>
<td>No. 4 (No. 13)</td>
<td>15'-10&quot; (4.83 m)</td>
</tr>
<tr>
<td>v</td>
<td>15</td>
<td>No. 4 (No. 13)</td>
<td>18'-3&quot; (5.54 m)</td>
</tr>
<tr>
<td>v1</td>
<td>10</td>
<td>No. 4 (No. 13)</td>
<td>17'-9&quot; (5.42 m)</td>
</tr>
<tr>
<td>v2</td>
<td>12</td>
<td>No. 4 (No. 13)</td>
<td>20'-11&quot; (6.33 m)</td>
</tr>
<tr>
<td>v3</td>
<td>8</td>
<td>No. 4 (No. 13)</td>
<td>15'-0&quot; (4.57 m)</td>
</tr>
</tbody>
</table>

Concrete (cu. yds.)

Reinf. Bars (lbs.)

Galv. Steel Pipe (O.D.)

3'-5" (970)

Bar h1

Bar u & u1

1-1-11

1-1-09

Switched units to English (metric).

Corrected two bars in weir to v2.

Graph showing location and direction of box in relation to ditch.

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).

All dimensions are in inches (millimeters) unless otherwise shown.

DATE

REVISIONS

February 1, 2011

March 1, 2011

Corrected two bars in weir to v2.

Switched units to English (metric).

Illinois Department of Transportation

January 1, 2011

ENGINEER OF POLICY AND PROCEDURES

APPROVED

January 1, 2011

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED

1-1-97

PASSED

DATE

REVISIONS

STANDARD 542516-03

INLET BOX

TYPE 24 (600) D