For side-mount bridge rail, flare curb face to edge of deck.

Pay limits of TRAFFIC BARRIER TERMINAL TYPE 6A (1 each)

Bridge approach curb, see plans for details.

PLAN

Transition section (see detail) included in TRAFFIC BARRIER TERMINAL TYPE 6

TERMINAL, TYPE 6A

TRAFFIC BARRIER

GENERAL NOTES

This standard shows attachment to curb mounted bridge rail. Attachment to side mounted bridge rail is similar.

See Standard 630001 for details of guardrail not shown.

Thrie beam shall be bolted to block-out at all posts.

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.

SECTION A-A

SECTION B-B

WOOD BLOCKOUT

STEEL POLE

24 (610) min.

all posts

José Department of Transportation

January 1, 2017

ENGINEER OF POLICY AND PROCEDURES

APPROVED

January 1, 2017

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED

PASSED

1-1-2003

REVISIONS

1-1-17 Revised length of thrie beam, revised length of posts

1-1-13 Added note to see plans for bridge approach curb

STANDARD 631032-09

(Sheet 1 of 3)
Bolts (A307) with washers and self-locking nut, or nut and jam nut. Top bolt 3/8 x 9 (22 x 229). Bottom bolt 3/8 x 5 (22 x 127) for curb mount or 3/8 x 7 (22 x 179) for side mount.

Note:
Side mounted rail similar as to connection details.

**Bolt** 3/8 x 5 (22 x 127)
**Bolts** 3/8 x 2 (22 x 31)

Finished surface

Section C-C

Posts 1-9 Wood Blockout Detail

(See Standard 630001 for post 11-15 blockouts.)

Traffic Barrier
Terminal, Type 6A

Standard 631032-09
GUARDRAIL CONNECTION PLATE ASSEMBLY DETAILS
(Mirror for opposite end)

VIEW D-D

DEPARTURE END VIEW

SECTION E-E

LEGEND

- 2-1 (25) holes
- 3 holes

Drill and tap 3 holes for 1/4 (22) H.S. bolts and nuts.

Dimensions

<table>
<thead>
<tr>
<th>For Curb Mounted Rail</th>
<th>A</th>
<th>B</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 1/8 1/2 1/4</td>
<td>22</td>
<td>19</td>
</tr>
<tr>
<td>For Side Mounted Rail</td>
<td>9 1/8 1/2 1/4</td>
<td>29</td>
</tr>
</tbody>
</table>

Connection Angles:

(Install angles to rail cap using 1/4-1 (25) holes
washers and self-locking nuts or nuts and jam nuts, to be provided by others)

TRAFFIC BARRIER TERMINAL, TYPE 6A

STANDARD 631032-09

(41x102x320)

Illinois Department of Transportation

ENGINEER OF POLICY AND PROCEDURES

APPROVED January 1, 2017

ENGINEER OF DESIGN AND ENVIRONMENT

ISSUED

PASSED 1-1-2003

Illinois Department of Transportation

(102x10x824)

(89x210x340)

(102x10x824)

(22) H.S. bolts.  

For (By others)

Rail cap

Rail cap

(22x31)

End of rail cap

(76x38)

(19) 8 5

(Install angles to rail cap using

washers and self-locking nuts or nuts

and jam nuts, to be provided by others)