GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

Thrie beam rail 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.

TRAFFIC BARRIER TERMINAL, TYPE 6

SECTION A-A

DATE

REVISIONS

1-1-23

Removed two posts, revised blockouts, and removed notes on sheet 4.

1-1-21

Added Detail A and revised plate dimensions on sheet 4.

8-3-20

STANDARD 631031-18
Pay limits of TRAFFIC BARRIER TERMINAL, TYPE 6 (1 each)

12'-6" (3.81 m) Two sections of thrie beam, one set inside the other
6'-3" (1.91 m) Single section of thrie beam
6'-3" (1.91 m) Single transition section of thrie beam
12'-6" (3.81 m) Single section of w-beam when no curb is present within this limit. Two sections of w-beam, one set inside the other, when curb is present within this limit.

10 spaces at 1'-6" (4.76 m)
4 spaces at 3'-1½" (953)

Plan

Concrete structure

Steel post, typ. W6x9.0 (W150x13.5)

Wood Blackout

Approach curb, see plans for details.

Pay limits of other type

5 3/3
2 1

No beginning or ending of curb within this limit.

9 - 6'-0" (1.83 m) W6x9.0 (W150x13.5) Steel posts

24 (610) min. all posts

Stoop 1:10 or flatter

W6x9.0 (W150x13.5) Steel post, typ.

Elevation

SECTION B-B

Truie beam end plate

6.7'-0" (2.13 m) W6x9.0 (W150x13.5) Steel posts

15' 7½" (4.76 m)

Steel post, typ. W6x9.0 (W150x13.5)
STEEL BEARING PLATE FOR F-SHAPE PARAPET

(5 each individual 3x3x6 (122x122x16) steel plates with centered 1 (25) holes may be substituted for the plate shown.)

POSTS 1-6 WOOD BLOCKOUT DETAIL

POSTS 7-11 WOOD BLOCKOUT DETAIL

POST 12 WOOD BLOCKOUT DETAIL

THRIE BEAM END SHOE DETAIL

TRANSITION SECTION

TERMINAL, TYPE 6

TRAFFIC BARIER

ENGINEER OF SAFETY PROG. & ENGINEERING

ENGINEER OF DESIGN AND ENVIRONMENT

ILLINOIS DEPARTMENT OF TRANSPORTATION

PASSED 1-1-97

APPROVED 1-1-2023

STANDARD 631031-18
STEEL CONNECTOR PLATE FOR CONSTANT SLOPE PARAPET

WELDING INSTRUCTION
(Back side of plate shown)

PLATE AND STIFFENER IDENTIFICATION
(Back side of plate shown)

CONNECTOR PLATE DIMENSION
(PER ASSEMBLY)

<table>
<thead>
<tr>
<th>PLATE</th>
<th>QUANTITY</th>
<th>SHAPE</th>
<th>SIZE A x B x C x D x E</th>
<th>THICKNESS</th>
</tr>
</thead>
<tbody>
<tr>
<td>P1</td>
<td>1</td>
<td></td>
<td>20 x 20 (508 x 508)</td>
<td>%</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>19½ x 20 x 27½%</td>
<td>%</td>
</tr>
<tr>
<td>P2</td>
<td>1</td>
<td></td>
<td>19½ x 20 x 27½%</td>
<td>%</td>
</tr>
<tr>
<td>P3</td>
<td>1</td>
<td></td>
<td>20 x 3½ x 37% x ½ x 37½%</td>
<td>%</td>
</tr>
<tr>
<td>S1</td>
<td>4</td>
<td></td>
<td>18¾ x ½ x 26¾ x ½</td>
<td>%</td>
</tr>
<tr>
<td>S2</td>
<td>1</td>
<td></td>
<td>18¾ x ½ x 26¾ x ½</td>
<td>%</td>
</tr>
</tbody>
</table>

DETAIL A
(Back side of plate P2 as shown for handling purposes.)

TRAFFIC BARRIER
TERMINAL, TYPE 6
(System 4 of 4)

STANDARD 631031-18