GENERAL NOTES

This standard shows attachment to side mounted bridge rail, Type SMX. Side mounted bridge rail, Type SM is similar.

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 6A

REVISIONS

1-1-23
Updated bridge rail connection to match the new Type SMX.
Revised post spacing, blockouts, and details to match other TBTs.

1-1-17
Revised length of thrie beam.
Revised length of posts.

DATE

STANDARD 631032-10
GUARDRAIL CONNECTION PLATE ASSEMBLY DETAILS

(Mirror for opposite end)

SECTION C-C

LEGEND

1. (25) dia. hole for 
   \( \frac{1}{2} (22) \) dia. H.S. bolt
   with washer and nut.

2. Drill and tap hole for
   \( \frac{1}{2} (22) \) dia. H.S. bolt.

3. (51) (25) holes

Guardrail connection plate assembly

+ Bolt \( \frac{1}{2}x6 \) (22x152)
+ Bolts \( \frac{3}{4}x2 \) (22x51)

- Bolt \( \frac{1}{4} \times 6 \) (22x229), Bottom bolt \( \frac{1}{4} \times 9 \)
  (22x229) for Type SMX or
  \( \frac{1}{4} \times 7 \) (22x179) for type SM.

2-1 (25) holes

Bolts (A307) with washers and self-locking nut, or nut and jam nut. Top bolt \( \frac{1}{4} \times 9 \)
(22x229). Bottom bolt \( \frac{1}{4} \times 9 \)
(22x229). Bottom bolt \( \frac{1}{4} \times 7 \) (22x179) for Type SMX or
\( \frac{1}{4} \times 7 \) (22x179) for Type SM.

For Type SMX Rail
- 33 (560) 3% (95) 6\%\( \times \) (95)

For Type SM Rail
- 20 (1508) 1% (44) 4\%\( \times \) (19)

Dimensions

- A
- B
- C

Bolts (A307) with washers and self-locking nut, or nut and jam nut. Top bolt \( \frac{1}{4} \times 9 \)
(22x229). Bottom bolt \( \frac{1}{4} \times 9 \)
(22x229). Bottom bolt \( \frac{1}{4} \times 7 \) (22x179) for Type SMX or
\( \frac{1}{4} \times 7 \) (22x179) for Type SM.

See Bridge Plans for welded stud detail.

TRANSITION ANGLE

(Mirror for opposite end.)

TRAFFIC BARRIER
TERMINAL, TYPE 6A

(Sheet 3 of 3)

STANDARD 631032-10