



Technical drawing of a curb and gutter cross-section. The drawing shows a concrete curb with a 30° slope, a gutter with a 1/4" (6) depth, and a 3' - 4 1/4" (1.02 m) wide grating area. Dimensions are given in feet and inches, with metric equivalents in parentheses. Components include a 4 x 3 x 1/2 (102x76x13) L frame, a 1/2 x 2 x 5 (13x50x125) Bar, 3 x 3/8 (75x10) Banding bars (each end), and 4 (100) cts. (1/2 (13) dia. bars). The curb height is 3 1/2 (89). The gutter depth is 3/8 (10). The curb width is 3 (75). The grating width is 3' - 4 1/4" (1.02 m). The gutter width is 4 1/8 (110). The curb slope is 30°.

* = 2 (50)

4'-0" (1.22 m)
o-o Inlet box

3'-6" (1.07 m)
o-o Angle frame

3 (75)
6 (150)

15 (385)
15 (385)

3 (75)
6 (150)

4'-0" (1.22 m)
o-o Inlet box

3'-6" (1.07 m)
o-o Angle frame

3 (75)
6 (150)

15 (385)
15 (385)

Complete penetration weld (typ.)

Complete penetration weld
Chip or grind flush (typ.)

B

B

Variable

See DETAIL OF
OPTIONAL JOINT

36 (915) Inside
inlet box

6 (150)
(typ.)

Pipe I.D.
2

6 (150)

The diagram illustrates a cross-section of a bridge deck. A central rectangular area is filled with horizontal lines, representing the main bearing bars. This area is flanked by two trapezoidal shapes, representing the bridge piers or abutments. A horizontal line runs through the center of the bridge, labeled "Median" with a symbol. The top and bottom edges of the bridge deck are labeled "Traffic". A label "Main bearing bars" points to the central rectangular area.

20 (508) Grating

20 (508) Grating

C

D

12 (305)

1 (25)

3'-4 1/4" (1.02 m) Grating

1 (25)

DATE	REVISIONS
1-1-09	Switched units to English (metric).
1-1-97	Renum. Standard 2240-6.

FLUSH INLET BOX FOR MEDIAN

STANDARD 542546-01