1. Joints in prolongation with existing joints in pavements.

PCC slab

Outside edge of pavement

PCC or HMA shoulder

SHOULDER INLET

WHEN PRECAST

PLAN

INLET BOX

SECTION B-B

INLET TYPE
Type E
Type F
Type G

SHOULDER WIDTH
8' (2.4 m)
10' (3.0 m)
5' (1.5 m) or less

O-D GRATING FRAME
4'-4" (1.325 m)
6'-5" (1.960 m)
6'-9" (1.830 m)

INLET BOX INSIDE WIDTH
3'-1" (1.195 m)
4'-8" (1.460 m)
3'-7" (1.090 m)

INLET BOX INSIDE LENGTH
18 (460)
18 (460)
18 (460)

GENERAL NOTES

See Standard 420001 for joint details not shown.

See Standard 630001 for details of guardrail not shown.

All exposed edges of the inlet, except the upper perimeter, shall be beveled 45\(^\circ\) (20).

For placement of drainage elements on existing construction with existing rigid pavement, substitute expansion anchor ties for tie bars.

For nonrigid pavements or monolithic construction of PCC slab and shoulder, omit tie bars.

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

DATES

1-1-18

1-1-21

REVISIONS

Changed tie bar spacing to

36 (900) cts.

SHOULDER INLET

WITH CURB

STANDARD 610001-09

(Sheet 1 of 2)
Through slot.

Bolts with washers (typ.)

Dia. stainless steel

R.

Type F requires 3 grates
Type E requires 2 grates
Type G requires 1 grate

NOTE:
Welded wire reinforcement (WWR) may be used in lieu of reinforcement bars. Only one layer of WWR is permitted to avoid congestion.