

**Figure 5-397.632(A)**

**Waterproof Expansion Device (Raised Median or Integral Sidewalk with F Barrier and Curb)**

Approved and signed, August 24, 2016. Last date revised: October 22, 2019.

**Revised: 10-22-2019**

At the INSIDE ELEVATION of CONCRETE CURB and at OUTSIDE ELEVATION of F BARRIER and at MEDIAN BARRIER:

- Added numbered note ① to the details.

Throughout the Standard:

- Added (Typ.) to the See Bent Stud Detail 1'-6" Max. Spg. note.

**Revised: 02-22-2018**

Throughout the Standard:

- Changed the flathead cap screw length from a 1" flathead cap screw to a 1 1/2" flathead cap screw.
- Changed the terminology when referring to recessing the cover plates, changed the term "below" to "from" at all locations.

At OUTSIDE ELEVATION of F BARRIER:

- Changed the look of the slotted hole in the cover plate to reflect the actual size.
- At the slotted hole note, removed the word "DIA" from the dimensions of the long slotted hole.

At INSIDE ELEVATION of CONCRETE CURB:

- At the slotted hole note, removed the word "DIA" from the dimensions of the long slotted hole.

At SECTION THROUGH BARRIER AND CURB – INTEGRAL SIDEWALK:

- Added note: \*Top of Block Out.
- Added an asterisk to the Block Out dimensions.

At MEDIAN ELEVATION:

- Changed the note for the coupling nut and bolt from a 4" to a 3" bolt length.

Under Notes:

- Removed the reference to "Standard Figure 5-397.627(A)" and replaced with "other waterproof expansion device sheet" in two locations.

Added bubbled Designer Note: "Always include Standard Figure 5-397.627(A) along with this sheet".

**Approved 08-24-2016**

GENERAL:

- Sheet number changed from 5-397.632 to 5-397.632(A) to accommodate the addition of a Type S Barrier Fig. 5-397.632(B)).
- Changed the title of the sheet from "Waterproof Expansion Device (Raised Median or Integral Sidewalk with Curb)" to "Waterproof Expansion Device (Raised Median or Integral Sidewalk with F Barrier and Curb)".

At INSIDE ELEVATION OF CONCRETE CURB:

Changed sheet reference from 5-397.627 to 5-397.627(A).

At SECTION D-D:

Changed note from "3/4" dia. x 4" bolt" to "3/4" Dia. x 4" bolt staggered (Typ.) at 1'-0" max. spacing"

Added note "(Integral Sidewalk)" beneath title.

At OUTSIDE ELEVATION OF F BARRIER:

Changed sheet reference from 5-397.627 to 5-397.627(A).

Under GENERAL NOTES:

Updated notes to use active voice.

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Changed sheet reference from 5-397.627 to 5-397.627(A).

Added "Provide bond beaker (duct tape, etc.) to underside of cover plate" to end of note ①.

At SECTION THROUGH BARRIER AND CURB – INTEGRAL SIDEWALK

Added "1'-6" Max. Spg. Bent Studs" note.

Removed aesthetic reveal on backside of F barrier.

Added 11' horizontal dimension to top of curb plate.

At MEDIAN ELEVATION:

Updated detail to match standard figure 5-397.630(A).

**Revised 05-25-2016**

Under GENERAL NOTES:

- Changed numbered note ① to read: Provide smooth concrete finish beneath plate with 0" min. to 1/8" max. gap between concrete and underside of plate.
- Changed numbered note ③ to read: Dimensions shown are required to comply with A.D.A. standards.
- Changed the term within numbered note ④: From "Bridge Bearing Lubricant" to "Bridge Grease".

Throughout the Standard:

- Removed the Bit Felt from the underside of the sidewalk, median, barrier and curb plates and the accompanying note.
- Changed the taper of the concrete surface from the expansion/movement side of the cover plate to the top of the sidewalk surface. The length of taper changed from 1 1/2" to 6" minimum to comply with A.D.A. standards.

At Detail "A":

- Added numbered note ③ to the detail name.
- Added numbered note ① to the gap between the plate and the sidewalk surface.
- Changed the dimension showing the height of the concrete taper from 1/2" max. to 1/2" ± 1/8".
- Changed the concrete taper length from 1 1/2" to 6" minimum to comply with A.D.A. standards.

At Median Elevation:

- Changed the curb plate look due to the height of curb changing from 10" to 6".
- Removed the "See Detail "A" with leader line and circled location.

At Inside Elevation of Concrete Curb:

- Changed the curb plate look due to the height of curb changing from 10" to 6".
- Changed the plate size dimensions within the note from 1'-8" to 1'-4" due to the curb height change.

At the Outside Elevation of F Barrier:

- Added a dimension with numbered note ② to the expansion joint/cover plate movement location.

At Section D-D:

- Added numbered note ③ to the section name.
- Changed the dimension labeled as numbered note ③ to 1/8".

At Section Through Barrier and Curb-Integral Sidewalk:

- Fixed the look of the reveal on the back of the F Barrier
- Adjusted curb and coupling nut dimensions associated with the curb height changing from 10" to 6".

**Approved, and signed, November 06, 2013**

NEW STANDARD

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