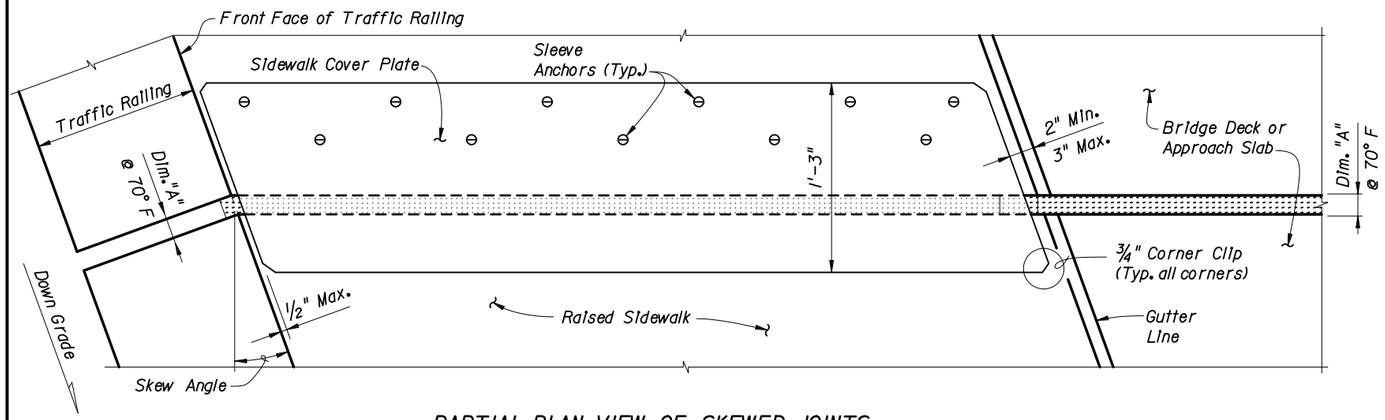
2. Furnish 1/4" thick slip resistant steel Sidewalk Cover Plates in accordance with ASTM A709, Grade 36 or 50, with a minimum coefficient of friction after galvanizing on the top surface of 0.8 in a dry condition as determined by ASTM F1677 or F1679 and 0.68 or 0.52 in a wet condition as determined by ASTM F1679 or ASTM F1677 (respectively); that incorporate an anti-slip steel surface consisting of a random hatch matrix or other suitable pattern and that are listed as slip-resistant by Underwriters Laboratories. Do not use diamond plate or surface applied slip resistant tapes, films, nonmetallic coatings or other similar materials. Furnish flat head Stainless Steel Sleeve Anchors in accordance with ASTM F593 Group I Alloy 304 for attaching Sidewalk Cover Plates. Install Sleeve Anchors in accordance with manufacturer's recommendations.
3. Hot-dip galvanize Sidewalk Cover Plates after shop fabrication in accordance with Section 962 of the Specifications and manufacturer's recommendations.
4. Submit shop drawings for Sidewalk Cover Plates (as required) showing all materials and project specific details and dimensions.
5. Manufacturers seeking approval of Poured Joint with Backer Rod Expansion Joint Systems for inclusion on the Qualified Products List as pre-approved designs must submit application along with design documentation showing the expansion joint meets the specification, geometric and material requirements specified herein.

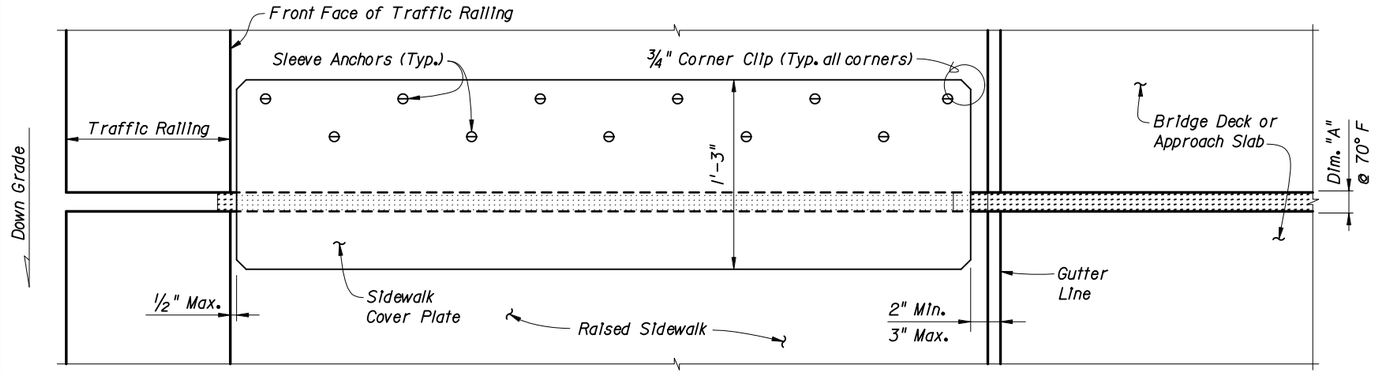
CONSTRUCTION AND INSTALLATION NOTES:

1. When casting the Bridge Deck, Approach Slab or Raised Sidewalk adjacent to the joint at temperatures other than 70° F, adjust Dim. "A" at 70° F by the amount of the adjustment per 10° F shown in Structures Plans, Poured Expansion Joint Data Table. For temperatures above 70° F decrease the opening, for temperatures below 70° F increase the opening.
2. Install Poured Joint with Backer Rod in accordance with manufacturer's recommendations, when the joint opening is between 1 3/4" and 2 1/4" and after deck profiling and grooving operations are completed. Place Poured Joint Material only when the ambient temperature is between 55° F and 85° F and is expected to rise for the next three hours minimum to provide for adequate joint opening and compression of the Poured Joint Material during curing.

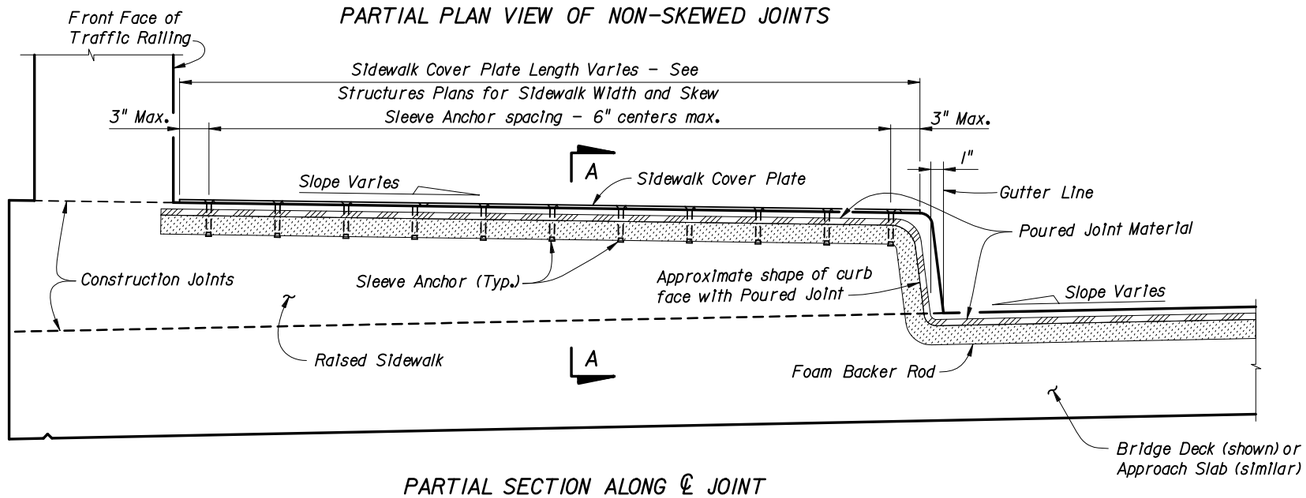
sed) opening of 50% of Dimension "A"
and a maximum opening of 3" (measured in the direction of travel).



PARTIAL PLAN VIEW OF SKEWED JOINTS

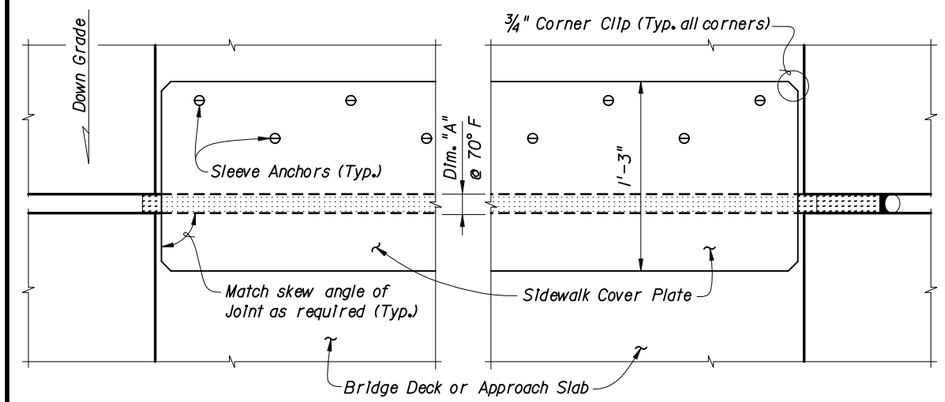


PARTIAL PLAN VIEW OF NON-SKEWED JOINTS

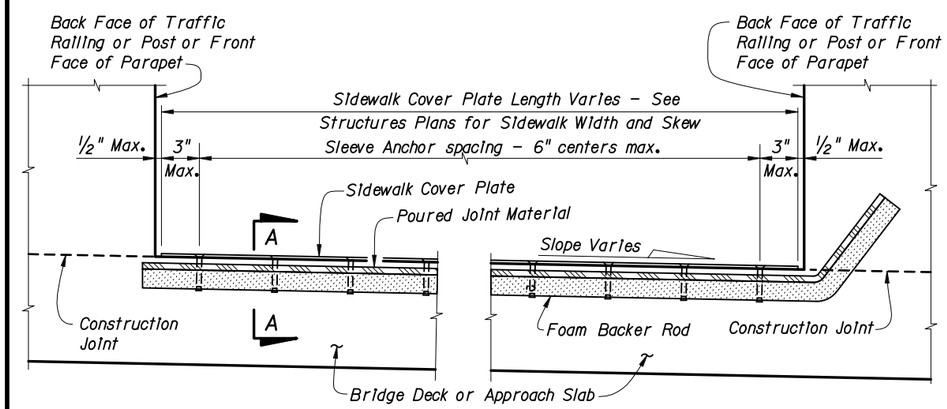


PARTIAL SECTION ALONG ℄ JOINT

RAISED SIDEWALK DETAIL

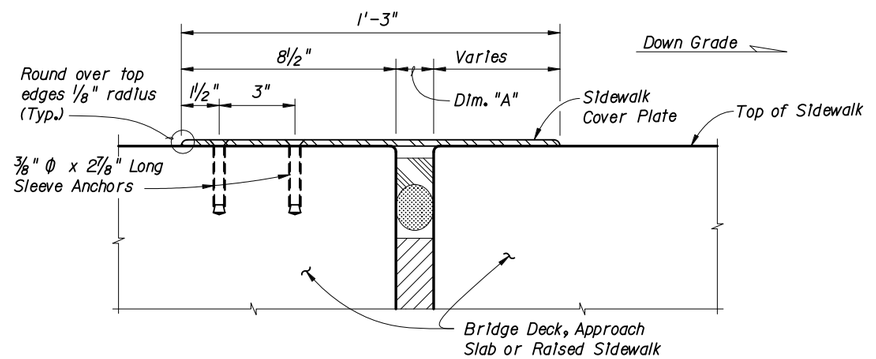


PARTIAL PLAN VIEW



PARTIAL SECTION ALONG ℄ JOINT

FLUSH SIDEWALK DETAIL



SECTION A-A

REVISIONS

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
01/01/06	SDO	New Design Standard Issued			

2006 Interim Design Standard

POURED JOINT WITH BACKER ROD EXPANSION JOINT SYSTEM

Interim Date 01/01/06

Sheet No. 2 of 2

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