Joint Armor for Pedestrian Walkways

XS Sheet Numbers
xs8-050

Description of Component
Joint armor design for pedestrian walkways in conformance with ADA requirements.

Standard Drawing Features
A steel plate with taper edges and flat head cap screws is placed over expansion joints/joint openings in pedestrian walkways.

Design/General Notes
- Openings on the walkways shall not allow passage of a sphere more than ½ inch diameter except as allowed.
- Changes in level up to ¼ inch high shall be permitted.
- Changes in level between ¼ inch high minimum and ½ inch high maximum shall be beveled with a slope not steeper than 1:2.
- Changes in level greater than ½ inch high shall be beveled with a slope not steeper than 1:12

Contract Specifications
Design Information Bulletin (DIB) 82-04 for “Pedestrian Accessibility Guidelines for Highway Projects”

Restrictions on Use of Standard Drawings
The joint armor shall be employed over every expansion joint in pedestrian walkways when ADA compliance is required.