

STRUCTURAL DRAWINGS AND DETAILS
Instructional Memorandum 723-CSJ
Compression Seal Joint Details
June 26, 2024

General

Compression seal joint details are available for bridges with 30° or less skew and joint openings up to 3½-inches. This standard drawing provides the details and information that are included in the construction plans for bridges with compression seal joints.

Instructions to Designer

The Engineer must determine if the compression seal joint details are adequate for project specific use. At a minimum, consider the following items:

- Wherever “X” or “#” is used, replace with project specific values.
- When this drawing is being used to detail joints at sleeper slabs, remove or revise the payment note at the bottom right corner of the drawing.
- For bridges with skews, update the details for the skewed condition.
- If the bridge has sidewalks, update the drawing to include the sidewalk details that are provided on the “Compression Seal Expansion Joint Details, Supplemental” sheet.
- If the bridge has sleeper slabs, update the drawing to include the sleeper slab details that are provided on the “Compression Seal Expansion Joint Details, Supplemental” sheet.





South Carolina
Department of Transportation

Office of Engineering Support
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Applicable Drawings

DGN File Name	Drawing Number	Sheet Title
723-COMPRESSION_JT_DETAILS	723-03.CSEXPJT	Compression Seal Expansion Joint Details
	723-03.CSEXPJT.SUP	Compression Seal Expansion Joint Details, Supplemental

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