

From: [Debra M. Beckwith](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 22-018) Tension flanges with holes
Date: Friday, June 24, 2022 9:39:39 AM
Attachments: [image001.png](#)
[image002.png](#)

The EPG has been updated as described below:

Implementation Statement: Effective immediately for design checks not started.

(The Implementation Statement is a recommendation by the Development Section. The SPM is responsible for the level of implementation for any particular job.)

Revision Date	Items Revised	Description of Change
 June 2022	EPG:  751.14 (751.14.2.2, 751.14.3.1, 751.14.5)	The design philosophy for tension flanges with holes has been updated. Previous policy allowed the use of compact design principles as long as the stress in the tension flange was limited. New policy clarifies that compact design principles are not allowed where holes are present in the tension flange. The new policy is as follows: “Compact Design is not allowed in composite positive flexure regions where holes are located in the tension flange. In negative flexure regions where holes are located in the tension flange the girders shall not be proportioned with compact or noncompact webs in accordance with LRFD Appendix A6. The placement of bolted field splices near DL contraflexure points will not preclude the use of compact design or LRFD Appendix A6 in adjacent regions. Girders with holes in the tension flange shall meet the requirements of LRFD 6.10.1.8.”
	Bridge Standard Drawings: NA	
	MicroStation Cells: NA	
	Std. Specifications: NA	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

to view more details about this (or any) revision, use the [Revision Index Database](#), located under Completed Revisions on Development’s Sharepoint page.

Instructions:

Under Tables (left-hand side) double-click on RevisionRecords.

Click on the link under the Effective Date to access documentation for the completed revision.

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