

From: [Debra M. Butchart](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 24-017) PTFE Bearing Design Guidance
Date: Thursday, September 12, 2024 8:21:26 AM

The [EPG](#) & [Bridge Standard Drawings](#) have been updated as described below:

Implementation Statement: Effective immediately for all plans not yet submitted to Design.

(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
Sep. 2024	EPG: 751.11 ; 751.50	751.11.2.4 Added guidance noting that dimpled lubricated PTFE is the preferred sliding surface.
	Bridge Standard Drawings: BRG05 & BRG07	Added new table for design coefficients of friction, accompanying design example and notes. Note that an internal layer of elastomer is required for the bearing pad design. In addition, the thickness of the external elastomer layers have changed from past practice (was 1/2", now 1/4").
	MicroStation Cells: NA	
	Std. Specifications: NA	
	Standard Plans: NA	751.11.3.4 Added notes addressing stopper plates and straps.
	Bridge Special Provisions: NA	751.50.H3c Added notes addressing PTFE type and dimpled lubricated PTFE characteristics.
		Updated Bridge Standard Drawings BRG05 & BRG07 to reflect these changes.

Follow links above for more information, or 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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