

From: [Debra M. Butchart](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 25-035) No Battered Piles in Pile Footings
Date: Monday, January 5, 2026 1:18:04 PM

The [EPG](#) and [Bridge Standard Drawings](#) have 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
Jan. 2026	EPG: 751.39 ; 751.9 ; 751.50 Bridge Standard Drawings: PILE01 & PILE02 MicroStation Cells: NA Std. Specifications: NA Standard Plans: NA Bridge Special Provisions: NA	EPG 751.39 was updated to show vertical piles in pile footings. Battered piles do not provide any significant advantage over vertical piles in a pile footing and can perform unfavorably in seismic events and when soil settlement is a concern. The Bridge Division has not been using battered piles since the inception of LRFD design (around 2005), and the battered pile detail was overlooked when the LRFD pile footing section was added in 2023. EPG 751.9 and 751.50 wording updated ("pile footing" instead of "pile cap footing"). Bridge Standard Drawings PILE01 and PILE02 updated for conflicting embedment information for pile footing, and to change "pile cap footing" to "pile footing" in notes.

Follow links above for more information (internal only).

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