

From: [Debra M. Beckwith](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 23-004) Min. pile embedment at int. bent
Date: Thursday, February 23, 2023 2:54:08 PM

The [EPG](#) has 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
Feb. 2023	EPG: 751.1.2.22	EPG 751.1.2.22 updated to clarify minimum pile embedment requirement into rock by design for steel HP-pile. <ul style="list-style-type: none"> • Pile embedment below scour depth: When precore into rock is necessary to provide the minimum embedment, the embedment into rock shall be determined by design (include rock depth in soil-structure analysis) but minimum precore shall not be less than 5’ into hard rock and 10’ into weak rock regardless of overburden condition. • Pile embedment into natural ground at intermediate bent: When precore into rock is necessary to provide the minimum 10’ embedment by design, a minimum precore of 5’ is required. (e.g., 7’ of soil over rock will require a 12’ pile embedment).
	Bridge Standard Drawings: NA	
	MicroStation Cells: NA	
	Std. Specifications: NA	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

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.

Debra M. (Debbie) Beckwith

Structural Specialist – Development Section

Missouri Department of Transportation

Central Office – Bridge Division

105 W. Capitol Ave., P.O. Box 270, Jefferson City, MO 65102

573-522-8718

www.modot.org

