

From: [Debra M. Beckwith](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 23-017) PS Concrete Box Beam Top Strands
Date: Friday, May 5, 2023 8:57:35 AM

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
May 2023	EPG: 751.21.3.4	Revise EPG 751.21.3.4 to always use regular-size and fully stressed prestressing strands for the top two prestressing strands for the purpose of supporting the reinforcement cage. The $\frac{3}{8}$ " support strands are not sufficiently supporting the reinforcement cage. The $\frac{3}{8}$ " support strands were required to be located $2\frac{3}{8}$ " from top of beam. Since these strands are no longer used, the location of 0.5" and 0.6" support strands were revised to always be $2\frac{1}{2}$ " from the top of the beam (this dimension is required for 0.6 strands and the smaller beams).
	Bridge Standard Drawings: PSBXB	
	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.

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

Debra M. (Debbie) Beckwith

Structural Specialist

Development Section
Bridge Division
MoDOT- 105 West Capitol Ave
573-522-8718