

From: [Debra M. Butchart](#)
To: [BR](#)
Subject: Bridge Advertisement (DSI 25-001) Seismic Details for Widening
Date: Wednesday, July 16, 2025 8:22:55 AM

The [EPG](#) and [Bridge Special Provisions](#) have been updated as described below:

Implementation Statement: Effective immediately for design process 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
July 2025	EPG: 751.9 ; 751.40.3.2 ; 751.50	Bridge Special Provisions (BSP) and EPG updated to clarify seismic details for widening (one side, two sides, and FRP wrap).
	Bridge Standard Drawings: NA	<ul style="list-style-type: none">Fiber Reinforced Polymer (FRP) composite wrap should be considered to strengthen the factored axial resistance of existing columns.The implementation of FRP wrap on existing columns will likely be determined in the design phase. If FRP wrap is impractical then seismic details shall be ignored for new columns.Designing the abutment for mass inertial forces is required when widening in both directions only.Standard notes I5.1 and I5.2 shall be reported on intermediate bent column detail with FRP wrap.See EPG 751.9.1 for further guidance.
	MicroStation Cells: NA	
	Std. Specifications: NA	
	Standard Plans: NA	
	Bridge Special Provisions: 704	

Follow links above for more information (internal only).

Debra (Debbie) Butchart
(formerly Debra Beckwith)
Structural Specialist
Development Section
Bridge Division
MoDOT- 105 West Capitol Ave
573-522-8718