

**From:** [Debra M. Butchart](#)  
**To:** [BR](#)  
**Subject:** Bridge Advertisement (DSI 25-006) System L Coating Specification  
**Date:** Friday, July 18, 2025 8:32:02 AM

---

The [EPG](#), [Bridge Standard Drawings](#), and [Missouri Standard Specifications](#) have been updated as described below:

## Implementation Statement: Specification is effective for October 2025 letting

*(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
<a href="#">July 2025</a>	EPG: <a href="#">751.1.2.9</a> ; <a href="#">751.6</a> ; <a href="#">751.14.5.8</a> ; <a href="#">751.50</a> , <a href="#">1045</a>	<p>System L coating system is introduced for structural steel with the following highlights:</p> <ul style="list-style-type: none"><li>• System L consists of an inorganic ethyl silicate topcoat over an inorganic zinc primer.</li><li>• Language referring to System G as the preferred system for coating and recoating structural steel has been removed. System G is still the preferred system for overcoating.</li><li>• Since System L is a two coat system it may be beneficial to specify System L instead of System G in areas where impacts to the driving public is a concern.</li><li>• System L is expected to last longer than System G, H or I and should be considered for situations where future access to the bridge is limited or impactful.</li><li>• Added sampling requirements for the inorganic ethyl silicate paint in EPG 1045.</li></ul> <p>Other miscellaneous changes to coating guidance:</p> <ul style="list-style-type: none"><li>• References to faying surface coatings were changed from ASTM A325 to <i>RCSC Specification for Structural Joints Using High-Strength Bolts</i>.</li><li>• Clarified that organic zinc primer should only be specified for recoats where closure time is a concern.</li><li>• Standard note A4a1.23 is modified to address the limits of intermediate coat application in overcoating operations.</li></ul>
	Bridge Standard Drawings: <a href="#">REDECK01</a> (Guidance only, no date change)	
	MicroStation Cells: NA	
	Std. Specifications: <a href="#">1045</a> , <a href="#">1081</a>	
	Standard Plans: NA	
	Bridge Special Provisions: NA	

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