



South Carolina  
Department of Transportation

**BRIDGE DESIGN MEMORANDUM – DM0113**

**TO:** RPG Structural Engineers  
Design Consultants

**DATE:** June 5, 2013

**RE:** Bicycle Rail Height  
Revision to Section 17.6.3 of the *SCDOT Bridge Design Manual*

Delete Section 17.6.3 of the *SCDOT Bridge Design Manual* and replace with the following:

**17.6.3 Bicycle Rails**

Reference: LRFD Article 13.9

Section 12.6 discusses the conditions for which bicycle accommodation is required across a bridge. Where bicycle accommodation is required, a bicycle rail that meets the geometric and loading requirements of LRFD Article 13.9 must be provided. The height of the bicycle railing shall not be less than 42.0 in, measured from the top of the riding surface. There are some locations where a barrier height above the minimum should be considered. See the *AASHTO Guide for the Development of Bicycle Facilities* for guidance.

Apply these updated requirements to all projects where design has not advanced beyond the preliminary design phase.

*Original Signed by James W. Kendall, Jr.  
on June 5, 2013*

James W. Kendall, Jr., P.E.  
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ec: Bridge Construction Engineer  
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Preconstruction Support Managers  
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RPG Design Managers

