



South Carolina  
Department of Transportation

## **BRIDGE DESIGN MEMORANDUM – DM0222**

**TO:** RPG Structural Engineers  
Design Consultants

**Date:** June 16, 2022

**RE:** Revisions to Requirements for Providing *Top of Slab Elevations Sheet* in Bridge Plans

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

In order to partner with the SCDOT Construction Division, District Construction personnel, and Carolinas Association of General Contractors (CAGC) to provide quality structures plans with information useful to the construction process, it has been determined that adding Top of Slab Elevation Sheets to all sets of bridge plans with cast-in-place bridge decks would be helpful in setting up screeds and to better ensure proper placement of concrete.

Therefore for all bridges with cast-in-place reinforced concrete bridge decks, Top of Slab Elevation Sheets shall be included in the bridge plans starting at the 95% Bridge Plans Submittal. The following changes will be made in the Bridge Design Manual to incorporate the new requirement.

Revise the first sentence of Section **6.3.14.10 Top of Slab Elevations Sheet** of Bridge Design Manual as follows:

The Top of Slab Elevations Sheet shall be provided for all bridges with cast-in-place concrete decks.

Add the following additional item to the bulleted list of **Section 6.3.14.10 Top of Slab Elevations Sheet** of Bridge Design Manual:

- Any cross-slope break points in addition to finished grade

**Please note the changes above in your copy of the *SCDOT Bridge Design Manual*.**

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Structural Design Support Engineer

TBK:hl



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