Assignment: At the September 2019 meeting in Columbus, Ohio, a ballot was proposed and accepted by the subcommittee and general committee members present to revise to commentary Section 9.8.1.3.1b on turntables. This ballot presents the proposed new Commentary 9.8.1.3.1b.

Rationale: During reaffirmation, the subcommittee observed that additional commentary would be beneficial to address six-axle locomotives.

Submitted by: John Sanders, Chair SC8 (Coatings & Special Construction)

Due Date: January 31, 2020

Edit existing Article as shown below (additions shown as underlined bold red, deletions shown as bold red strikethrough).

9.8.1.3 BASIC ALLOWABLE … DEFLECTIONS (20082021) R(2014)

9.8.1.3.1 Structural Components

b. The second diagram in Figure 15-8-2b, 15-8-2b consists of two 4-axle diesel locomotives and may be used to apply this article by changing the 25 foot distance to ensure that all 8 axles are on the turntable. The language in paragraph 8.1.3.1b provides recommendations for balanced turntables for the range of lengths of 95 to 110 feet under the loading of two four-axle diesel locomotives. In practice, the paragraph references only four-axle locomotives because two six-axle locomotives will not fit on those lengths of turntables. It is also more likely that turntables longer than 110 feet will have three-point-bearing support. If a turntable is balanced and can accommodate two diesel locomotives of any variety, the calculations should be performed to meet the deflection recommendations in this paragraph.