

5201000 CONCRETE GUTTER, CURB ELEMENTS, AND TRAFFIC SEPARATORS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (1-18-22, Industry)

Concrete Gutter, Curb Elements, and Traffic Separators: The draft proposes to delete section 520-10 and introduced the following. “520-10 Surface Requirements. 520-10.1 Straightedge: Test the gutter section of curb and gutter with a 10 foot straightedge laid parallel to the centerline of the roadway and while the concrete is still plastic. Perform straight edging along the edge of the gutter adjacent to the pavement or along other lines on the gutter cross-section, as directed by the Engineer. Immediately correct irregularities in excess of 1/4 inch. 520-10.2 Elevation and Cross Slope: Place curb and gutter so the calculated actual roadway or shoulder cross slope to be placed within the curb and gutter is within +/- 0.2% of the calculated design cross slope for that location. Once per 500 feet, check the elevation of lip of curb and gutter and calculate actual cross slope between curb and gutter on each side of a lane or set of adjacent lanes. Perform these checks prior to placement of the curb and gutter and adjust to ensure cross slope tolerance is met. After placement and curing of curb and gutter, perform the above checks again. Correct any curb and gutter found to be outside the cross slope tolerance described above” Comment: The above proposed draft is ok only if we modify section 520-4 of the specs as it allows to finish the surface per section 120-9, which in turn allows for a tolerance of 0.1 foot. Thanks for the opportunity to review.

Response: Article 520-4 says to, “*Excavate to the required depth, and compact the foundation material upon which these items are to be placed as specified in 120-9.*” Since “*These items*” refers to spec 520 items (curb and gutter, traffic separators) this does not refer to the pavement’s foundation (i.e. earthwork base). Therefore, I don’t believe the suggested spec change is needed.
