

9950207 TRAFFIC CONTROL SIGNAL AND DEVICE MATERIALS
COMMENTS FROM INTERNAL/INDUSTRY REVIEW



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Comments: (5-27-21, Internal)

Same concerns previously submitted, “The linked SunGuide document is not written as “requirements”; it includes non-enforceable language, such as: overview, goal, should, may...”

Response:



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Comments: (6-10-21, Industry)

Table 932-6 (sizes and tensile loads for FRP reinforcing bars): For the #10 bar, the maximum cross-sectional area is listed as 1.385 in² - which matches the ASTM standard, D7957. This is fine for a tensile modulus limit of 6500 ksi, as also listed in your standard (and again, matching the ASTM). However, it is known that FDOT are promoting the use of higher modulus rebars in their construction. It is considered unlikely that a bar with this cross-section would achieve the higher modulus requirements. This is currently also under review within the ASTM committee. To achieve the higher modulus (8700 ksi), it appears that 1.473in² will be required, and this number has been put forward at ASTM.

Response:

