

Specification Section 970

Subarticle 970-2.3.4

ORIGINATION

Date: 6-27-24

Name: Ronald Meyer

Email: ronald.meyer@dot.state.fl.us

COMMENTARY

IIRPMs are not appropriate for marking fire hydrant locations. Traditional RPMs are required for that application. Blue IIRPMs are not allowed by the Traffic Engineering Manual and the IIRPM listed on the APL has a comment restriction allowing white, yellow, red only. The table title should also be clarified to indicate that the requirements therein are specifically for Class F RPMs (IIRPMs).

INTERNAL COMMENTS AND RESPONSES

BLACK = Comment **BLUE** = Specifications Response **GREEN** = Change Made to Specification

Name: Awilda Merced

Date: 7-25-24

COMMENT: ASTM D4280 appropriate for IIRPMs? Current language states that "The RPM lenses must meet the abrasion-resistant requirements of ASTM D4280. After abrading the RPM, the luminance produced by the RPM must be 50% or greater than the values in the above table." ASTM D4280 apply to markers less than 5.1 inches and the only approved product is bigger than that. Have manufacturers submitted data to prove they meet this requirement when tested per ASTM D4280? Should an alternative method be considered? I understand that changes to this part of the spec were not proposed so this may be considered for next cycle.

RESPONSE: Thank you for sharing these comments and observations. Staff from the TERL will contact you for further discussion concerning applicability of ASTM D4280 and possible future changes. However, we propose no additional changes at this time.

ACTION TAKEN: No changes.