

9290100 SPECIFICATION  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (12-20-20 Industry)

This comment pertains to the proposed change in specification 929: is the specification requirements and changes apply only to slag, calcined clay, ground glass, and metakaolin or any alternative material to fly ash that will meet the specification requirements? If yes, I suggest that language be added to include alternative materials to fly ash that meet spec 929 requirements. Thanks.

Response: The proposed changes are mostly needed to clarify the requirements of concrete mixes that are submitted with new SCMs that do not have sufficient historical data available to be accepted based solely on the properties of the material itself. SCMs such as slag and metakaolin are currently used in FDOT concrete mix designs and new sources can be submitted to the FDOT for approval without additional information. However, new SCMs such as calcined clay and ground glass are new materials that are not currently in use in any FDOT concrete mix designs. As such, the proposed language clarifies that concrete trial and comparison batches must be prepared, and appropriate testing performed, to demonstrate that concrete utilizing one of these new SCMs will perform as required by FDOT Specifications. Blanket statements are not appropriate for these requirements as each SCM, including fly ash, are evaluated differently for acceptance.

If there are other SCMs, aside from those currently listed in Specification Section 929, that are being proposed for use in FDOT concrete mix design, we request that information regarding those materials be submitted to the State Materials Office for review and consideration.

No changes made.

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