

SP3500200 CEMENT CONCRETE PAVEMENT – COLORED CONCRETE
INTERNAL/INDUSTRY REVIEW COMMENTS

Tom Malerk
352-538-7227
tmalerk@fcpa.org

Comments: (4-12-16)

Remove "a water reducing admixture" in the second sentence. This is a property specific to one pigment manufacturer. Pigment is a finely divided powder that does increase the water demand of the mix however there are other ways to handle the situation than just putting a water reducer in the pigment. It is just as easily handled by using a larger or different dose of standard water reducer at the concrete plant. In addition, producers generally use a product that works well with the brand/type cement they use whereas a pigment producer has no choice but to use the same water reducer for their nationwide production. This phrase should be stricken from the specification.

Response: Agree. The second sentence will be revised as follows: "Use a mineral oxide containing no calcium chloride".

rbaderschneider@cescivil.com

Comments: (4-27-16)

Recommend that a separate concrete pavement material requirement be developed for roundabout applications to provide an accelerated cure time for opening to traffic (particularly for truck apron applications at existing intersections to be converted to roundabouts). The truck apron/island is usually constructed once traffic has been shifted into the roundabout circulation so the aprons need to be opened to traffic unless detoured or extended flagging operations are used. Perhaps making the pozzolan and slag requirement optional for these areas would assist with this.

Response: Disagree. The intent of this special provision is to provide requirements for colored and/or imprinted concrete. The issue of providing a high early strength concrete is a project specific requirement and can be accommodated in the general concrete mix design.
