

3460304 SPECIFICATION  
COMMENTS FROM INTERNAL/INDUSTRY REVIEW

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Comments: (11-20-20 Internal)

If visible color variation is detected during the life of the Contract, the Engineer may require the colored concrete removal and replacement, at no cost to the Department.

Response:

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Ananth Prasad  
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Comments: (11-30-20 Internal)

How do we get paid for the mock up panels?

Response:

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Michael Davy  
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Comments: (12-21-20 Industry)

When the memo initially implementing the Department's maximum strength criteria on RMX producers the note the Engineer to allow a lower total amount was in the specification. This proposed change appears to be removing it, which will further complicate the already extremely difficult process of getting new mixes approved. Please consider leaving note 1 in Table 346-4.

Response:

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Kevin Hayden  
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Comments: (12-30-20 Industry)

Under Section 346-6.4, language has been added regarding water being added to the concrete mix. One sentence says, "Include water missing from the water storage tanks upon arrival at the project site in the jobsite added water." What exactly does this mean? Does this mean that the missing water should be recorded for documentation purposes? If so, is there another specification that requires the measurement of the water tank before it leaves the plant, or at the jobsite site before water is emptied from the water tank?

Response:

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Joe Conover  
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Comments: (1-6-21 Industry)

Why is the minimum cementitious content that has been reduced from the original Table 4, still being promoted to mixes higher than Class IV and above when there is no realistic way apparent of achieving the target slumps of Table 346-3 for said mixes at the required water/cementitious ratios using those minimum cementitious contents with water? Attached below are the gallons per yard calculations based on the proposed individual minimum cementitious contents and the required water/cementitious ratios. Reinforced Concrete Minimum Amount of Total Cementitious Materials lbs /H2o Gals per yard based on w/c Ratio Environment Extremely Aggressive Moderately Aggressive Slightly Aggressive Water/Cementitious ratio Class Concrete I 470/30 470/30 470/30 0.53 I Pavement 470/28 470/28 470/28 0.50 II 470/30 470/30 470/30 0.53 II Bridge Deck 600/32 550/29 510/27 0.44 III 600/32 550/29 510/27 0.44 III Seal 470/30 470/30 470/30 0.53 IV 600/29 550/27 510/25 0.41 IV Drilled Shaft 600/29 550/27 510/25 0.41 V Special 600/27 550/24 510/22 0.37 V 600/27 550/24 510/22 0.37 VI 600/27 550/24 510/22 0.37 VII 600/27 550/24 510/22 0.37 Silica/Metak 600/25 550/23 510/21 0.35 UltraFine FlyA 600/22 550/20 510/18 0.30

**Response:**

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Joe Conover  
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Comments: (1-6-21 Industry - second entry)

346-3.4 The proposed change from concrete application to concrete class is not an issue. However the previous changes to 346-4, has now been proven that some mixes higher than Class IV and using the the water cement ratio of table 346-3 will not result in a slump in the target range. Example: Class V Slightly Aggressive 510 lbs Cementitious, 22 gallons of water per yard at .37 water cementitious ratio will not achieve a slump 3” +- 1.5”. On behalf of the CEMEX Florida Technical Team

**Response:**

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