



DSA Structural Amendments under review are highlighted in GRAY

**Template 19-14**

**2001 CBC - Chapter 19A  
CONCRETE**

**Section - 1905A - CONCRETE QUALITY, MIXING AND  
PLACING**

**Subsection(s) - 1905A.5.1**

1 **1905A.5 Average Strength Reduction.**

2  
3 **1905A.5.1 [For DSA/SS] Average Strength Reduction.** As data  
4 become available during construction, \* \* \* the amount by  
5 which  $f'_{cr}$  must exceed the specified value of  $f'_c$ , provided:

6  
7 1. Thirty or more test results are available and average of test  
8 results exceeds that required by Section 1905A.3.2.1, using a  
9 standard deviation calculated in accordance with Section  
10 1905A.3.1.1, or

11  
12 2. Fifteen to 29 test results are available and average of test re-  
13 sults exceeds that required by Section 1905A.3.2.1, using a stan-  
14 dard deviation calculated in accordance with Section  
15 1905A.3.1.2, and

16  
17 3. Special exposure requirements of Section 1904A are met.