



DSA Structural Amendments under review are highlighted in GRAY

Template 19-23

**2001 CBC - Chapter 19A**  
**CONCRETE**

Section - **1906A - FORMWORK, EMBEDDED PIPES AND CONSTRUCTION JOINTS**

Subsection(s) - **1906A.4.3 - 1906A.4.7**

1 **1906A.4 Construction Joints.**

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4 **1906A.4.3** Construction joints shall be so made and located as  
5 not to impair the strength of the structure *as determined by the*  
6 *structural engineer and shall conform to the typical details. Typi-*  
7 *cal details and proposed locations of construction joints shall be*  
8 *indicated on the plans.* Provision shall be made for transfer of  
9 shear and other forces through construction joints. See Section  
10 1911A.7.9.

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12 **1906A.4.4** Construction joints in floors shall be located within  
13 the middle third of spans of slabs, beams and girders. Joints in  
14 girders shall be offset a minimum distance of two times the width  
15 of intersecting beams.

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17 **1906A.4.5** Beams, girders or slabs supported by columns or walls  
18 shall not be cast or erected until concrete in the vertical support  
19 members is no longer plastic.

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21 **1906A.4.6** Beams, girders, haunches, drop panels and capitals  
22 shall be placed monolithically as part of a slab system, unless  
23 otherwise shown in design drawings or specifications.

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25 **1906A.4.7** *The surface of all horizontal construction joints shall*  
26 *be cleaned and roughened by removing the entire surface and ex-*  
27 *posing clean aggregate solidly embedded in mortar matrix.*

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29 *In the event that the contact surface becomes coated with earth,*  
30 *sawdust, etc., after being cleaned, the entire surface so coated*  
31 *shall be recleaned.*