

**Update to SP109S24 - Amendment to OPSS 909, November 2016
TCP#000-0225**

Comments received by email			
Number	Organization	Comment	Response
1.	DECAST Ltd.	Friction in Prestressing - Clause 909.04.01.01: The addition to Clause 909.04.01.01 in SSP 109S24 requires deflected strand friction be included when determining the jacking force. However, 909.07.03 in OPSS.PROV 909 Nov16 specifies that 'strands shall not be tensioned in the deflected position, unless the hold-down device used permits free movement of the strand and the use of the device has been tested by its manufacturer to ensure that the final stress along the full length of the strand is uniform'. If producers are already prescribed to use expensive hardware designed specifically to reduce friction, it seems punitive and unnecessary to also have a blanket statement saying add force to account for friction.	Text is updated to recognize the use of frictionless devices to eliminate the friction loss.
2.	DECAST Ltd.	Clause h) on Web Cracks - Clause 909.08.10.03: The inclusion of h) Horizontal or inclined cracks in the web, where the maximum width of crack is less than 0.2 mm, shall not be considered a defect or deficiency is a good start for addressing web cracks. However, I have concerns about enforcement for cracks larger than 0.2 mm. Since this clause falls under Defects and Deficiencies Causing Rejection, will CAs interpret that girders should be rejected if cracks exceed 0.2 mm?	Change has been made to address the repairable crack width limit & for crack width when no repair is required.

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		<p>It might be more appropriate to move this clause to a different section or provide additional wording in the current location. For example: “Cracks with a maximum width of 0.2 mm or greater shall have a repair proposal submitted to the CA for acceptance, as per 909.08.10.04 All Other Defects and Deficiencies.”</p> <p>A simpler alternative could be to add another box to Table 2 indicating that for cracks greater than 0.2 mm, a repair proposal should be submitted for acceptance under 909.08.10.04.</p>	