

**PERMANENT CHANGES TO PROJECT DATED SPECIAL PROVISION**

**REVISION OF SECTION 601 CONCRETE CLASS DT (DECK TOPPING)**

<b>DATE</b>	<b>AUTHOR</b>	<b>DESCRIPTION OF CHANGE</b>
1/16/98	S. Wilson	This special provision is for interim use until the 1998 Specification book is issued. It provides for deck preparation, curing requirements and crack sealing. This special can be used with either English or Metric projects.
3/5/98	S. Wilson	Editorial corrections.
9/30/1999	M.Nord	Converted to Microsoft Word 97 SR-2  Revised the specification references to conform with the <i>1999 Colorado DOT Standard Specifications for Road and Bridge Construction</i> as follows:  On page one, deleted the reference to 601.01(g) and the accompanying paragraph because it is included in 601.01(g)

REVISION OF SECTION 601  
CONCRETE CLASS DT (DECK TOPPING)

Section 601 of the Standard Specification is hereby revised for this project as follows:

Subsection 601.16 shall include the following:

Concrete bridge deck overlays shall be cured according to the Revision of Section 601, Bridge Deck Concrete.

Subsection 601.17 shall include the following:

In the event that plastic shrinkage cracking has occurred, any cracks greater than 0.02 mm (0.010 inch) in width that develop within the first 5 days of overlay placement shall be assumed plastic shrinkage cracks. The cracks will be measured by the Engineer by the insertion of a wire gage at any time or temperature at 5 days. The Contractor shall make repairs by filling the cracks, concrete removal and replacement, or other methods approved by the Engineer at no additional cost to the project.

A low viscosity two-part methacrylate or approved equal shall be used to fill cracks in accordance with the recommendations of the manufacturer of the crack filling material.

Those portions of the structure that have been overlaid with the Concrete Class DT shall not be opened to traffic, including construction traffic, for at least 5 days after overlay placement and until the concrete has reached compressive strength  $f'c$ .

Subsection 601.19 shall include the following:

Saw-cutting and sealing construction joints in bridge decks shall be included in the work.