

## **Significant Revisions for Construction Manual**

The Construction Manual has been updated to include new or revised specifications and procedures. There are significant revisions in several Divisions of the manual.

**Hard copies of the 2010 Construction Manual updates are not being distributed to manual holders.**

### **Division One**

<b>Section</b>	<b>Section Title</b>	<b>Summary of Revision</b>
107-23	Wages and Conditions of Employment	Contractor Request for Additional Classifications - Resident Engineers send to Construction Unit.  Site of Work defined
108-2	Progress Schedule	include Payment Schedule for projects greater than  \$50M.
108-10	Contract Time, Intermediate Contract Time	Extension of time for the days between December 16 and March 15.  Waivers for Seasonal Limitations.

### **Division Two**

225-4	UnderCut Excavation	Added item of Shallow Undercut - Defined use, materials, and payment.
230	Borrow Excavation	Example for determining price for Department Owned Borrow  Sample Supplement Agreement

### **Division Three**

Sections 300, 310 and 320 have been revised to reflect new standard drawings and the use of alternate materials.

**Division Five**

520-6	Sampling, Testing and Acceptance	Revisions for sampling Aggregate Base Course.
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**Division Six**

609	Quality Management for Asphalt Paving	<p>The Roadway Construction Engineer will make the decision for the final pay factor. (Change from the Pavement Construction Engineer.)</p> <p>NCDOT Asphalt Technician Certification Program - This program is administered by the Materials and Tests Unit (State Asphalt Design Engineer.)</p>
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**Division Seven**

700	General Requirements for Portland Cement Concrete Paving	Updates and revisions to reflect change from flexural strength acceptance to compressive strength acceptable
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**Division Eight**

815	Subsurface Drainage	Added item of Shallow Undercut - Defined use, materials, and payment.
230	Borrow Excavation	<p>If subsurface drainage is included in plans then a table containing subsurface drainage is included in the plans.</p> <p>Changed the time to allow the subsurface drainage to function from four (4) to six (6) weeks to 30 days or a sufficient time as deemed by Engineer.</p> <p>Added - a special detail is included in plans or Supplemental Agreement for subdrain coarse aggregate and filter fabric.</p> <p>Subdrain volume deducted from cross sections used to compute fine and coarse aggregate.</p>

**Division Ten**

1008-1	Aggregate Stabilization - Sampling.	
1010-2	Aggregate Base Course - Sampling.	
1010-4	Aggregate for Cement Treated Base Course - Sampling.	

**Division Twelve**

1205-3H	Observation	Revised the 180 day observation period to one (1) year.
1205-3H	Inspection	Changed the procedure for the initial pavement marking inspection.
1205-3H	Assessing Damages	Revised the existing procedure for assessing damages.

**Records and Reports**

<b>Section</b>	<b>Section Subtitle</b>	<b>Summary of Revision</b>
		<ul style="list-style-type: none"> <li>• Revised Subcontract Form</li> </ul>
<ul style="list-style-type: none"> <li>• Disadvantage Business Enterprise/Minority Business Enterprise/Women Business Enterprise</li> </ul>		<ul style="list-style-type: none"> <li>▪ Letter of Intent</li> <li>▪ Payment Tracking</li> <li>▪ Joint Checks</li> <li>▪ Truck Monitoring</li> </ul>
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