

Compressive Strength and Length of Concrete Cores - Quick Reference Guide

Consultant/NDOR Representative reviews contract specifications and/or special provisions and determines cores are required for a project as defined in the [NDOR Standard Specifications for Highway Construction](#), Section 603.05.

Consultant/NDOR Representative obtains cores, performs testing, and submits the findings on a 1002PCC SiteManager sample record.

Results will be recorded on the Compressive Strength and Length of Concrete Cores test template, PCL015001.

To complete the Compressive Strength and Length of Concrete Cores test template, PCL015001, Core ID is a requirement of this test method. The Core ID naming protocol is established thusly:

Core ID:

- Following this numbering scheme will ensure proper completion of the Concrete Cores Final Report.
- The standard core ID consists of 3 numeric values followed by the letter 'A', i.e. 001A.
- B and C cores will be taken when the unit A core is thickness deficient, i.e. 001B.
- Cores that fail compressive strength testing are identified as 001AComp, i.e. 001AComp1 and 001AComp2.
- Blank spaces are not acceptable.

Consultant/NDOR Representative reviews the Concrete Cores Final Report to ensure unit cores were obtained properly, and the resultant thickness and strength measurements are acceptable. Failure to achieve acceptable thickness and strength will result in payment deductions or removal/replacement.

Notes:

- **Consultant** performs these activities on an LPA project
- **NDOR Representative** performs these activities on an state project