

## PCC Sampling and Testing – Proportions – Quick Reference Guide

Pursuant to sampling and testing requirements as prescribed by the NDOT Materials and Sampling Guide, Project inspection personnel will create the SMGR sample record to document PCC sampling and testing using these specific parameters.

### Material Code, Name, and Description:

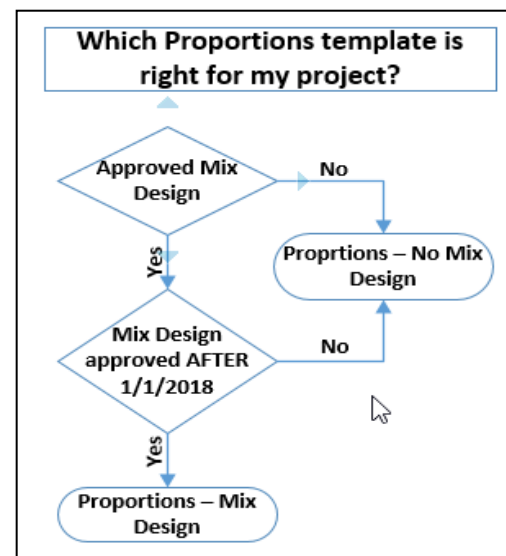
1002PCC, Portland Cement Concrete

### Test Templates:

PCF011, Proportions – Mix Design

**OR**

PCF011, Proportions – No Mix Design



**\*\*Important\*\*** The feature that allows data population will work for Mix Designs approved after January 1, 2018. Mix Designs approved prior to this date require use of Proportions – No Mix Design.

Based on the presence of an approved Mix Design, the **sample record creator** shall select the appropriate Proportions template. With the selection of an approved mix design, specific data (air, aggregate, admixtures, etc) will be presented on the Proportions template as defined on the PCC Mix Design. The remaining data values will be completed by the **sample record creator**.

If no mix design is available, no data will be presented and the data values will be completed by **sample record creator**. When alternative material is used in lieu of design specifications (BD concrete in place of B concrete) and no mix design is available, no data will be presented and the data values will be completed by **sample record creator**.

Proportions and cylinders shall share the same record. When cylinders are submitted on the same sample record, **lab personnel** are responsible for sample record authorization.