January 13, 2020

REVISION OF SECTION 601

CONCRETE MIX DESIGNS

1. **NOTICE**

This is a standard special provision that revises or modifies CDOT’s *Standard Specifications for Road and Bridge Construction*. It has gone through a formal review and approval process and has been issued by CDOT’s Project Development Branch with formal instructions regarding its use on CDOT construction projects. It is to be used as written without change. Do not use modified versions of this special provision on CDOT construction projects, and do not use this special provision on CDOT projects in a manner other than that specified in the instructions unless such use is first approved by the Standards and Specifications Unit of the Project Development Branch. The instructions for use on CDOT construction projects appear below.

Other agencies that use the *Standard Specifications for Road and Bridge Construction* to administer construction projects may use this special provision as appropriate and at their own risk.

**Instructions for use on CDOT construction projects:**

Use this standard special provision on all projects with Concrete Mixes.

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

Subsection 601.05, second paragraph shall include the following:

1. For air entrained concrete, the SAM number according to AASHTO TP118 Characterization of the Air-Void System of Freshly Mixed Concrete by the Sequential Pressure Method (Super Air Meter) shall be reported. The SAM meter readings for each step shall be included. In addition, two 4”x8” cylinders shall be cast from the same batch of concrete and submitted to the Engineer with the mix design. A SAM leak test shall be performed prior to the SAM testing. Results of the leak test shall be included in the SAM data.