

# FLORIDA DEPARTMENT OF TRANSPORTATION

## Instructions for the Concrete Lab. IA Proficiency Samples

(Instructions Revision Date: February 1, 2019)

Mix Design: Class IV 5500 psi

- 1) Verify that all concrete cylinders were received. Three (3) cylinders are one set.
- 2) Strip and place all cylinders in the final curing condition in accordance with ASTM C31 until ready to test.
- 3) Test all cylinders on the break date specified on the SMO website under the “Cylinder Break On” column of the spreadsheet. Please see the second web address below. It is the same web address to find the deadline date.
  - a. Test and report in accordance with ASTM C39.
  - b. Measure and record the test data of all cylinders on the IA Proficiency Sample Data Worksheet.
- 4) Follow the instructions on the IA Proficiency Sample Data Worksheet.

The test report forms are available through the web address below in case you were not provided with one.

<https://www.fdot.gov/materials/quality/programs/independentassurance/profsampleprogram/proficiencyreports.shtm>

[IA Proficiency Sample Schedule](#) (The deadline date to enter your test results in MAC. It is under the “Test Reported By” column of the spreadsheet.)

[IA Data Entry for Proficiency Samples](#) (Instructions for entering proficiency sample test results in MAC.)