# Revise Sections 106 and 412 of the Standard Specification for this project as follows:

## In Subsection 106.06(a)11., add the following to the last paragraph:

When RCA is used, the moisture content of the RCA shall be at or above the absorption of the RCA. When the moisture content of the RCA is lower than the absorption of the RCA, the Contractor shall immediately suspend production and provide a written corrective plan to the Engineer for approval before resuming production.

**In Subsection 106.06(a), add the following to the last paragraph:**

12. Box Test. When the Contractor is using a slipform paver, the Contractor shall perform a Box Test in accordance with CP-63 at the beginning of a day’s paving. The Box Test shall show no more than 30 percent surface voids and an edge slump less than 1/4 inch. When the Box Test results fail to meet these requirements, the Contractor shall immediately make corrections and notify the Engineer. After corrective actions have been completed, the Contractor shall perform a Box Test. The Box Test shall show no more than 30 percent surface voids and an edge slump less than 1/4 inch. If two or more consecutive Box Test results fail to meet these requirements, the Contractor shall immediately suspend production and provide a written corrective plan to the Engineer for approval before resuming production.

**In Subsection 106.06 delete Table 106-3 and replace with the following:**

**Table 106-3**

**PC Testing Schedule - Item 412 Portland Cement Concrete Pavement**

|  |  |
| --- | --- |
| **Element** | **Minimum Testing Frequency**  **Contractor’s Process Control** |
| Aggregate Gradation each source or combined gradation | Minimum of 1/day, then 1 per 2500 cu. yds.  When an OG is used, follow 106.06(a) 9 |
| Slump and Air Content | First three loads each day, then as needed for control |
| Compressive Strength, Slump  Air Content, Yield, and Sand Equivalent | Minimum of 1/day, then 1/2500 sq. yds. |
| Pavement Thickness | Per subsection 412.21 |
| Pull Test Joints | Minimum of six transverse and six longitudinal joint locations for the first 2,500 linear feet, then three transverse and three longitudinal joints thereafter |
| Load Transfer Dowel  Bar Placement | Per subsection 412.13(b)2 |
| Average Texture Depth | 1 per 528 linear feet in each lane and shoulder wider than 8 feet |
| Water Cement Ratio | First three loads each day, then 1/500 cu. yds. |
| Box Test | Minimum of 1/day when a slipform paver is used at the beginning of a day’s paving. |
| Aggregate Moisture Content | Per subsection 106.06(a) 10 |

**In Subsection 412.04, add the following to the last paragraph:**

When on-site generated RCA is to be used, an additional mix design shall be submitted that does not use on-site generated RCA.

**In Subsection 412.05, add the following to the last paragraph:**

(10) When recycled concrete aggregates (RCA) are to be used in the concrete mix the following items shall be included in the contractor’s process control plan:

* + - 1. Type of crusher to be utilized.
      2. Method of removing steel and other deleterious materials
      3. Method of controlling fines and crusher dust on the RCA
      4. Method of monitoring and accommodating variation in absorption capacity
      5. Method for measuring and controlling moisture content prior to incorporation into the concrete mix.
      6. Method for ensuring stockpiles that are homogeneous when multiple sources of RCA are to be used.