

1 **Amend Section 701- HYDRAULIC CEMENT to read as follows:**

2
3 **“SECTION 701 - HYDRAULIC CEMENT**

4
5 **701.01 Portland Cement.** Portland cement shall consist of Type I or Type II portland
6 cement, Type IL portland-limestone cement, or Type IP portland-pozzolan cement.

7
8 Type I and Type II portland cement shall conform to AASHTO M 85 and the 28-day
9 compressive strength requirement cited in AASHTO M 85, Table 4.

10
11 Type IL portland-limestone cement and Type IP portland-pozzolan cement shall
12 conform to AASHTO M 240.

13
14 Mineral admixtures may be used to replace a portion of the required Portland
15 cement in accordance with Subsection 711.03 - Admixtures.

16
17 Safe and suitable facilities for sampling cement shall be provided at the weigh hopper
18 or in the feedline immediately in advance of the hopper. Cement shall be stored in a
19 weathertight building that will protect cement from dampness and minimize
20 warehouse set, and stored in such a manner to permit easy access for proper
21 inspection and identification of each shipment.

22
23 Cement which for any reason has become partially set or which contains caked
24 lumps shall not be used.

25
26 Different types of cement shall not be mixed or used in the same unit of
27 construction. Cement used in the manufacture of cast-in-place concrete for exposed
28 surfaces of like elements of a structure shall be from the same mill.

29
30 Certificate of compliance that complies with Subsection 106.07 – Certificate of
31 Compliance shall be submitted to the Engineer before using any cement. Certificate
32 of compliance shall include pertinent information as to the type of cement; and applicable
33 chemical and physical test results from samples taken at local distribution sites or
34 concrete batch plants.

35
36 Once certificate of compliance has been accepted, the Engineer may permit use of
37 cement before release by the laboratory. Cement furnished without an accepted
38 certificate of compliance shall not be used until the Engineer has had sufficient time to
39 make appropriate tests and has accepted cement for use.

40
41 If cement does not conform to requirements of the contract documents, as
42 determined by laboratory test samples, use of cement from the same source shall be
43 delayed until the Engineer can make tests on each cement lot delivered.”

44
45
46
47 **END OF SECTION 701**