

EXPECTED IMPLEMENTATION JULY 2024 (FY 2024-25)

347 PORTLAND CEMENT CONCRETE - CLASS NS. (REV 8-23-23) (FA 10-11-23) (FY 2024-25)

ARTICLE 347-1 is deleted and the following substituted:

347-1 Description.

The requirements of this Section are applicable to concrete designated as nonstructural portland cement concrete, (Class NS) hereinafter referred to as concrete. Use concrete composed of a mixture of portland or blended cement, aggregates, water, and where specified chemical admixtures, or supplementary cementitious materials. Deliver concrete to placement site in a freshly mixed, unhardened state. Ensure the concrete is placed and cured in a manner to ensure that the strength and durability of the concrete is maintained.

SUBARTICLE 347-2.1 is deleted and the following substituted:

347-2.1 General: Ensure all materials used in concrete are free from detrimental matter and deleterious reaction.

Meet the following requirements:

- Portland Cement..... Section 921 or ASTM C150
- Blended Cement..... Section 921 or ASTM C595
- Coarse Aggregate* Section 901 or ASTM C33
- Fine Aggregate* Section 902 or ASTM C33
- Water..... Section 923 or ASTM C1602
- Admixtures for Concrete*.....Section 924
.....or ASTM C494 and ASTM C260
- Supplementary Cementitious Materials..Section 929
.....or ASTM C618 and ASTM C989

* Recycled Asphalt Pavement (RAP) may replace up to 20% of the total aggregate in the design mix. Use RAP from a Department approved stockpile.