SECTION 101
AIR-ENTRAINING ADMIXTURES

101.1 DESCRIPTION

A. General

Air-entraining admixtures shall be used as called for in the related specifications
section herein for all concrete that will be exposed to repeated freeze and thaw
cycles.

B. Related Work

Section 40 Portland Cement Concrete Pavement
Section 55 Concrete Masonry
Section 56 Concrete for Incidental Construction (Class M)
Section 60 Concrete Curb and Gutter
Section 61 Concrete Sidewalk and Handicap Ramps
Section 62 Drop Inlets
Section 67 Fabric Formed Concrete Mat
Section 124 Fabric Formed Concrete Mat Material
Section 200 Controlled Low Strength Material

101.2 MATERIALS (Not specified)

101.3 CONSTRUCTION REQUIREMENTS

Air-entraining admixtures for concrete shall conform to the requirements of AASHTO M
154, except as specified below:

Concrete having sufficient air-entraining admixture added to entrain five to seven
percent air shall have compressive strength at the age of seven days of not less than
90% of the standard.

The standard for concrete that will not be exposed to repeated freeze and thaw cycles
shall consist of a concrete of equal cement content, equal consistency, and of the same
aggregates in adjusted proportions, but without the addition of an air-entraining
admixture.

101.4 METHOD OF MEASUREMENT &
101.5 BASIS OF PAYMENT

Air-entraining admixtures for concrete shall be as called for herein and shall be included
in the individual bid item. There will be no separate measurement and payment for air-
entraining admixtures.