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 50 Precast Concrete
- Section 55 Cast in Place Concrete Structures
- Section 56 Class M6 Concrete for Curb & Gutter and Flatwork
- Section 58 Concrete Box Culvert
- Section 60 Concrete Curb and Gutter
- Section 61 Concrete Sidewalk, Curb Ramps and Detectable Warning Surfaces
- Section 62 Drop Inlets
- Section 63 Storm Sewer Junction Boxes and Manholes
- Section 200 Controlled Low Strength Material
- Section 203 Submittals

101.2 MATERIALS

Air-entraining admixtures for concrete shall be one hundred percent vinsol resin based or one of the products as listed on the SD DOT Approved Products List for air-entraining admixtures and shall conform to the requirements of AASHTO M 154, except as modified below:

Concrete having sufficient air-entraining admixture added to entrain 5 to 7% air shall have compressive strength at the age of 7 days of not less than 90% of the standard. The standard 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.

101.3 CONSTRUCTION REQUIREMENTS (not applicable)

101.4 METHOD OF MEASUREMENT

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 for air-entraining admixtures.
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 payment for air-entraining admixtures.

END OF SECTION