



Village of Bloomingdale

Franco A. Coladipietro
Village President

January 1, 2012

Jane E. Michelotti
Village Clerk

"Growth with Pride"

TO: ALL CONTRACTORS

FROM: MICHAEL J GRICUS, BUILDING COMMISSIONER

SUBJECT: COLD WEATHER CONSTRUCTION - CONCRETE

No concrete shall be placed in forms when the surrounding air temperature is below 40 degrees Fahrenheit unless the temperature of the concrete when placed in the forms is between 60 and 90 degrees Fahrenheit and is maintained at a temperature of not less than 50 degrees Fahrenheit for at least twenty-four (24) hours for high-early-strength concrete and at least seventy-two (72) hours for normal concrete. The housing, covering, or other protection used in connection with curing shall remain in place and intact for at least twenty-four (24) hours for high-early-strength concrete and at least seventy-two (72) hours for normal concrete.

All reinforcement, forms and subgrade with which concrete is to come in contact should be free from frost.

No dependence should be placed on salt or other chemicals for the prevention of freezing.

Calcium chloride in solution form only may be added at the batching plant for up to two (2) percent on all concrete work; this is only for winter months.

PLEASE INSTRUCT YOUR DRIVERS THAT IF A TRUCK ARRIVES ON THE PROJECT AND CALCIUM CHLORIDE IS ADDED TO THE CONCRETE, THE TRUCK WILL BE SENT BACK AND THE CONCRETE WILL NOT BE ALLOWED TO BE POURED.