

COLD WEATHER CONCRETE

Contractors should not be allowed to pour concrete on frozen sub-base material.

If the air temperature is below freezing, the formed area should be heated with a salamander type of heater inside a covered area up to 40°.

Forms should be insulated with 1" thick Styrofoam. External heat should be provided until the surface of the concrete has set, then the concrete surface should be covered with insulated concrete blankets. Blankets must be secured in place and remain for at least three (3) days.

If polyethylene and salt hay are proposed, the area would still have to be heated until the concrete set occurs, then place polyethylene and 18" thickness of hay, secured in place as necessary for three (3) days.