


TO: ALL REGIONAL DIRECTORS	 ENGINEERING INSTRUCTION NEW YORK STATE DEPARTMENT OF TRANSPORTATION
	SUBJECT: PROVISIONS FOR CONCRETING IN COLD WEATHER Subject Code: 7.27-1-7
Distribution: <input checked="" type="checkbox"/> Main Office <input checked="" type="checkbox"/> Regions <input type="checkbox"/> Special	Code: <u>EI-72-6</u> Date: <u>1/21/72</u> Supersedes:
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The subject section on page 217 of the Public Works Specifications, as modified by Addendum 49, provides that, "A permanent temperature record shall be kept for the first 6 days after the concrete has been placed, showing the date, hour, outside temperature and temperatures at several appropriate points."

It appears that we may, under certain circumstances, eliminate the need for actual temperature readings over weekends without a reduction in quality control. For example, where a significant drop in temperature is not experienced over a weekend, there should be no need to check on the adequacy of insulated forms which have provided proper protection during several week days following the pour. Where external heat is applied, and adequate protection has been recorded for several days subsequent to the pour, a random monitoring of the contractor's continuance in providing such protection over the weekend should be adequate.

Accordingly, unless protection of a concrete pour over a specific weekend period is critical, such as when a thin section is poured on a Friday, or a significant drop in temperature is noted during a weekend, the Region may exercise its judgment in assigning staff to the recordation of temperatures over weekend periods. In any case, the outside temperatures should be recorded over the weekends at a convenient point as close to the project site as is feasible.

JS:MC