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TO: Director, Preliminary Plan Review Bureau	<h1>ENGINEERING INSTRUCTION</h1> <p>NEW YORK STATE DEPARTMENT OF TRANSPORTATION</p> <p>SUBJECT: TUBE FLOAT FOR FINISHING CONCRETE PAVEMENT</p> <p>Subject Code: 7.30</p>
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APPROVED: <div style="text-align: center;"><i>R. R. Kelly</i></div> <hr/> R. R. Kelly, Asst. Dep. Chief Engineer (Construction)	

Presently, Department Specifications and policy for slipform concrete paving permit the use of the tube float during finishing operations for the purpose of eliminating small surface irregularities and openings.

Recent research on the effects of the tube float has shown a significant lowering of compressive strength in the surface mortar when operated with a water fog spray with only a negligible improvement in pavement roughness.

In order to minimize this loss of surface strength all applications of water by fog spray or other means in conjunction with the operation of the tube float are to be disallowed by the engineer. The contractor may use the tube float without the addition of water to the concrete surface and/or tube. Test areas have shown that the tube float, when operated dry, will generally work up a surface layer of soft mortar that is adequate to close the surface.

These instructions are to be applied to all construction contracts operating under both the January 2, 1962 and January 2, 1973 Specifications.

RRK:LG

