

**TRANSPORTATION POOLED FUND PROGRAM**  
**Quarterly Report**  
**Reporting Period: January – March 2010**

**PROJECT TITLE:** Extending the Season for concrete Construction and Repair-Phase-II

**OBJECTIVES:** The objective of Phase III study is to develop tools and guidance to specify dosage levels of admixture used in antifreeze concrete to correspond with the varying weather conditions experienced at any job location.

<p><b>PROJECT LEADER:</b>  Lynette Barna from US Army  Cold Region  <a href="mailto:Lynette.A.Barna@usace.army.mil">Lynette.A.Barna@usace.army.mil</a>  603-646-4503</p> <p><b>LEAD AGENCY:</b> FHWA</p> <p><b>PROJECT ENGINEER::</b>  Peter Seman from US Army Cold  Region  <a href="mailto:Peter.M.Seman@usace.army.mil">Peter.M.Seman@usace.army.mil</a>  603-646-4825</p>	<p><b>SP&amp;R PROJECT NO:</b>  DTFH61-08-X-30031  TPF-5(150)</p>	<p><b>PROJECT IS:</b>  _____ Planning  <u>  X  </u> Research &amp;  Development</p>
<p><b>ANNUAL BUDGET:</b>  Estimated Funding through  interagency  Agreement is \$325,000</p>	<p><b>PROJECT EXPENDITURES TO DATE:</b>  None</p>	

**WORK COMPLETED:**

Prepared draft project report for Phase III, reviewed data and project framework. This report is a deliverable product for Part 1- Data review and framework development of TPF-5(150) of a proposed 3-part project. The report is currently in editing for review and, once available, will be posted to the project website and made available to the project participants.

**SUMMARY OF ACTIVITIES EXPECTED TO BE PERFORMED NEXT QUARTER:**

Post Part 1 report to the project website when editing is complete.  
<http://www.crrel.usace.army.mil/projects/coldweatherconcreting/antifreezeadmixtures/> for information on Phases I and II, as well as other work accomplished related to Cold Weather Admixture Systems (CWAS).

**STATUS AND COMPLETION DATE:**

Period of performance is 45 months. Interagency Agreement between FHWA and US Army Cold Region, Research Engineering Laboratory was signed on 8/7/2008.