

**TRANSPORTATION POOLED FUND PROGRAM**  
**Progress Report**  
**Reporting Period: April – September 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:**

Final Report was made available for Part 1 - Data review and framework development report entitled. The report is titled, "Phase III: Guidance for Optimizing Admixture Dosage Rates, Data Review and Project Framework Development." To date, 96% of the available \$32,000 in funding has been expended. The final report for Part 1 of the project was forwarded to OCTR of FHWA, in May 2010.

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

Modification 2 was accepted to the Interagency Agreement, awaiting receipt of payment process by the CRREL's finance office to continue the Part 2 of the project.

**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.