

**Investigation of the Long Term Effects of Magnesium Chloride and
Other Concentrated Salt Solutions on
Pavement and Structural Portland Cement Concrete**

Project Number: TPF-5(042)
SD2002-01

Submitted by:

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Quarterly Report

Overview

This Quarterly Report is submitted to outline the work accomplished during the reporting period 7-15-07 to 10-15-07, identify problems (current and anticipated), and to describe any deviations from the agreed Work Plan. This Quarterly Report is arranged by the Tasks described in the project Work Plan. Tasks not listed have been completed and the details of each can be found in previous reports. The following is a summary of results for this reporting period.

- The draft Final Report was prepared and submitted

Task Report

Task 6: Laboratory Experiment

Task 6 Problems and/or Deviations from Work Plan

There were no problems for Task 6 incurred during the reporting period.

Task 6 Completion -100%

Task 7: Assessing and Minimizing the Impact of Deicing/Anti-Icing Chemicals

Task 7 Problems and/or Deviations from Work Plan

None

Task 7 Completion -90%

Task 8: Effects of Various Deicing/Anti-Icing Chemicals

No additional work has been conducted on Task 8. Further work will continue once specimens from the Phase II experiments are ready for analysis.

Task 8 Completion -100%

Task 9: Life Cycle Cost Analysis

Task 9 Problems and/or Deviations from Work Plan

None

Task 9 Completion 90%

Task 10: Development of Guidelines

Task 10 Problems and/or Deviations from Work Plan

None

Task 10 Completion -50%

Task 13: Final report

Over the reporting period the draft final report was prepared and was submitted for review by the technical panel. The review meeting is scheduled for November 1, 2007 in Rapid City South Dakota.

Task 13 Problems and/or Deviations from Work Plan

None

Task 13 Completion -80%

Task 14: Present to Panel

Task 14 Problems and/or Deviations from Work Plan

None

Task 14 Completion -0%

Task 15: Present to Review Board

Task 15 Problems and/or Deviations from Work Plan

None

Task 15 Completion -0%