

Progress Report 9

For the project entitled:

Steel Pipe Pile/Concrete Pile Cap Bridge Support Systems: Confirmation of Connection Performance

*Reporting Period: July 1- September 30, 2011
(First Quarter of State fiscal year 2012)*

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Task 0: Project Management

A proposed amendment outlining plans for two additional cyclic tests was submitted to MDT on May 1, 2011. An amended contract was awarded on June 21, 2011 with additional funds of \$31,572 and a revised project end date of July 31, 2011. Weekly meetings have been held between project team and the PI.

Task 1: Literature Review

A literature review is currently underway and is approximately 90% completed. The results of this literature review will be summarized and provided to the technical panel upon completion of the project.

Task 2: Experimental Design

The designs of the two additional specimens to be tested under the amended contract were submitted to MDT on September 6, 2011. These designs were approved on September 19, 2011.

Task 3: Conduct Tests

It is anticipated that the two additional test specimens will be constructed and subsequently tested in December 2011.

Task 4: Final Report

Although this task cannot be completed until all specimens have been tested and analyzed, the research team has been documenting all aspects of the project for inclusion in this document. Lenci Kappes is currently working on his Master's thesis, which documents the research procedure and findings of the initial four tests of this project. This thesis will serve as a basis of the final report.

Budget and Schedule

A summary of the MDT budget for this quarter including the additional \$31,572 awarded as part of the amended contract is provided in Table 1.

Table 1: Budget Summary

Budget Category	Budgeted Funds	Spent This Period	Total Spent	Total Remaining
Salaries	\$48,127	\$1,456	\$32,809	\$15,318
Benefits	\$10,474	\$64	\$5,078	\$5,396
Contracted Services	\$1,000	\$1,000	\$1,342	-\$342
In-State Travel	\$440	\$0	\$150	\$290
Rent	\$0	\$0	\$91	-\$91
Participant Support	\$4,352	\$0	\$0	\$4,352
Expendable Supplies	\$9,800	\$439	\$6,532	\$3,268
Direct Costs	\$74,193	\$2,959	\$46,003	\$28,190
Indirect Costs	\$13,968.15	\$591.78	\$9,201	\$4,768
Total	\$88,161	\$3,551	\$55,203	\$32,958

A summary of the overall project status (including the additional tests) is shown in Figure 1. Progress associated with the project is shown as percent completed within individual tasks.

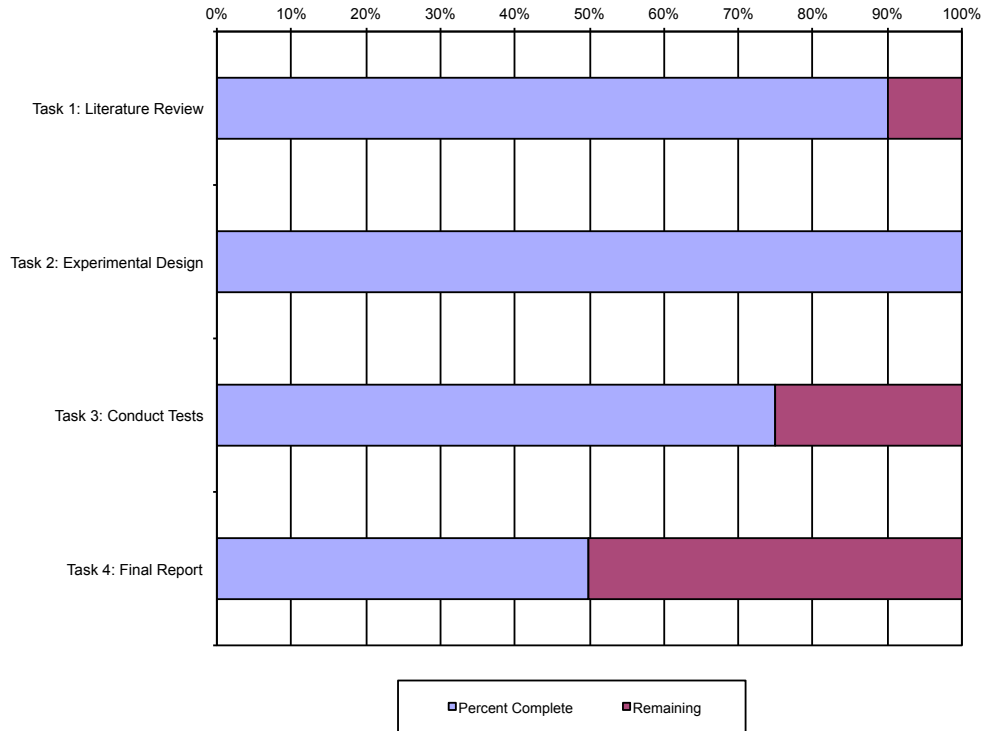


Figure 1: Tasks Completed / Remaining