

DYNAMIC PASSIVE PRESSURE ON ABUTMENTS AND PILE CAPS

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Quarterly Report April 2009-June 2009

Work this Quarter

During this quarter a draft final report was submitted for Task 6 (MSE Wingwall Tests). We have received review comments and revised the report as follows.

- An FHWA cover sheet and abstract have been included
- A Table of Contents has been added
- The UDOT Disclaimer has been added
- All text and figures have been converted to English units.
- Typos and hanging sentences have been corrected.
- The passive force has been compared in terms of effective width

The revised final report for Task 6 is attached to this report.

During this quarter work on Task 5 (Tests at SLC Airport with Varying Backfill Types and Geometries) and was essentially completed. Unfortunately, all of the figures for the report were prepared in metric units. We are presently converting these figures to English units and will submit the report as soon as this conversion is completed.

Plans for the Next Quarter

We anticipate that draft final report for Work Task 5 will be completed in the next quarter. Therefore we are inviting the Technical Advisory Committee members from the states to attend a meeting in Utah to discuss the results of the study and consider potential additional tasks to tie up loose ends identified in the study.

Budget Considerations

Sufficient funds remain to complete the project and pay for travel costs for the Technical Advisory Committee to meet in Salt Lake City.