

Texas Transportation Pooled Fund Project – Progress Report

Project Title: Investigation of the Fatigue Life of Steel Base Plate to Pole Connections for Traffic Structures	
Project Number: TPF-5(116) / 9-1526	Project Manager – Name & Contact Info: Scott Walton, Bridge Division, TxDOT swalton@dot.state.tx.us
Term of Contract: 11/4/05 – 8/31/08	
Reporting Period: 11/4/05 – 12/31/05	
Work Performed and Progress:	
<u>Task 1 Literature Review</u>	
This is an ongoing task; work is underway.	
<u>Task 2 Development of Test Plan</u>	
Project kickoff meeting held on November 22, 2005 with participant member DOT personnel and research personnel from the University of Texas at Austin’s Center for Transportation Research. Several states provided detailed drawings of assemblies for possible inclusion in the testing program. Based on panel discussion, a testing matrix for the first set of tests was developed which includes variables for base plate thickness, diameter, weld details, and number of bolts.	
<u>Task 3 Fatigue Testing</u>	
This task is not scheduled to begin until June, 2006. Procurement and fabrication of specimens is underway.	
<u>Task 4 Analytical Studies</u>	
This task is not scheduled to begin until April, 2006.	
<u>Task 5 Summary of Results</u>	
This task is not scheduled to begin until March 2008.	
Expenditures Life-to-date: \$0.00	
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