

Project Title: Long Span Guardrail Phase II
State Technical Representative: Dick Albin
TTI Project Manager: Eugene Buth
Project Contract Period: 3/1/2007-11/30/2007
Reporting Period: 3/31/2007-6/30/2007

Project Objective: Develop a strong wood post guardrail design with a 27” mounting height that meets NCHRP Report 350 TL-3 and allows for 1 or 2 posts to be omitted.

Work Performed to Date:

Task 2- Perform Computer Simulations

A finite element model of the design tested in Phase I has been developed and simulations of the full-scale test that was performed on that design are being performed.

Results of Work Performed:

No results are available to date.

Work Remaining to be Completed:

Task 1- Identify Design Alternatives

All work remains to be performed.

Task 2- Perform Computer Simulations

Simulations of selected design alternatives remain to be performed.

Task 3- Perform full-Scale Vehicle Crash Test

All work remains to be performed.