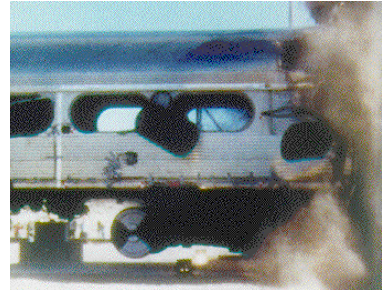


Train Crashworthiness

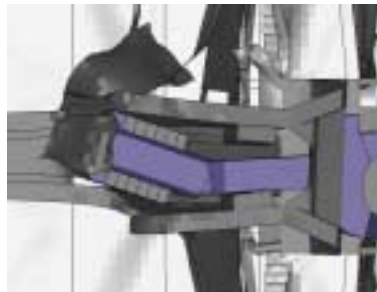
Test involved 35-mph impact of car into rigid wall



Calculated Response



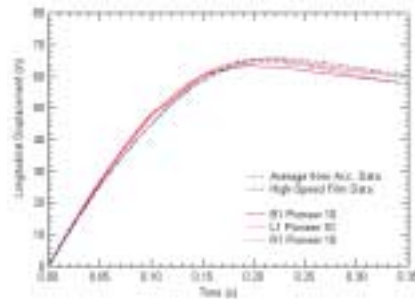
High-Speed Photograph



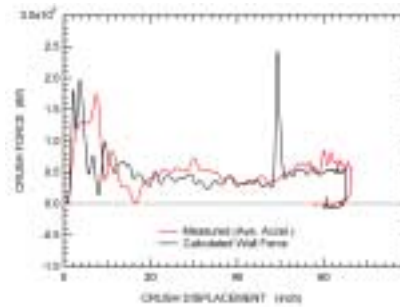
Calculated Sill Collapse



Post-Test Photograph



Longitudinal Displacements



Crush Force Histories