

Appendix B – Response Histories of the Comparative Study (Real vs. Massless)

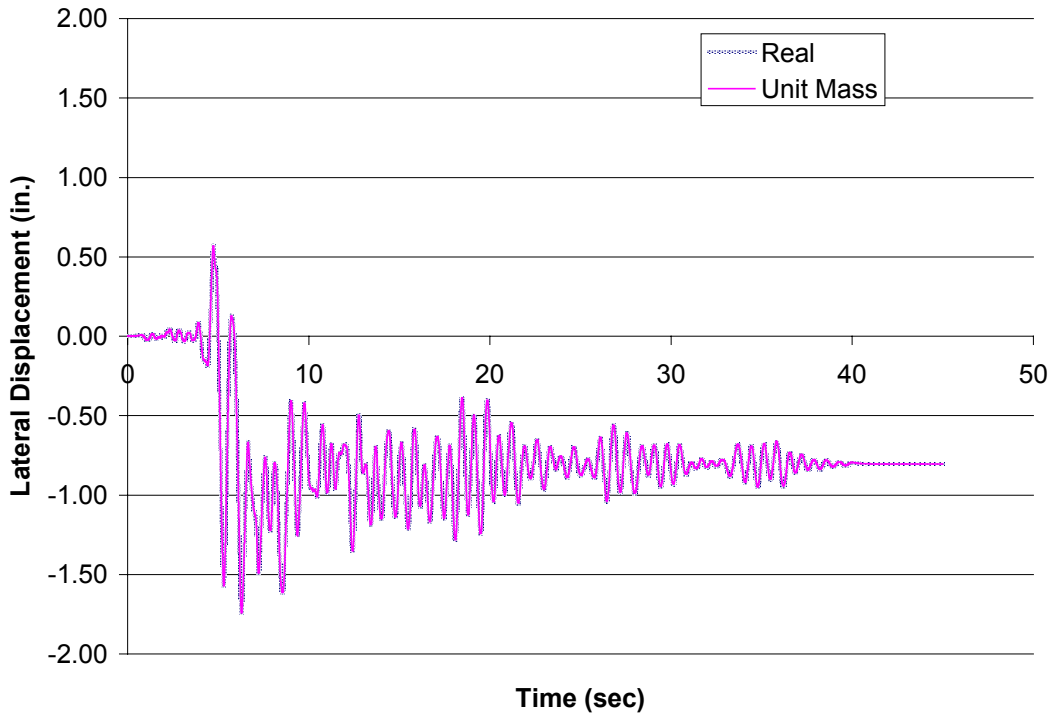


Figure B1.1 – Chalfant Valley (EQ3), Response Histories for Three Story Comparative Models without Vertical Accelerations Included

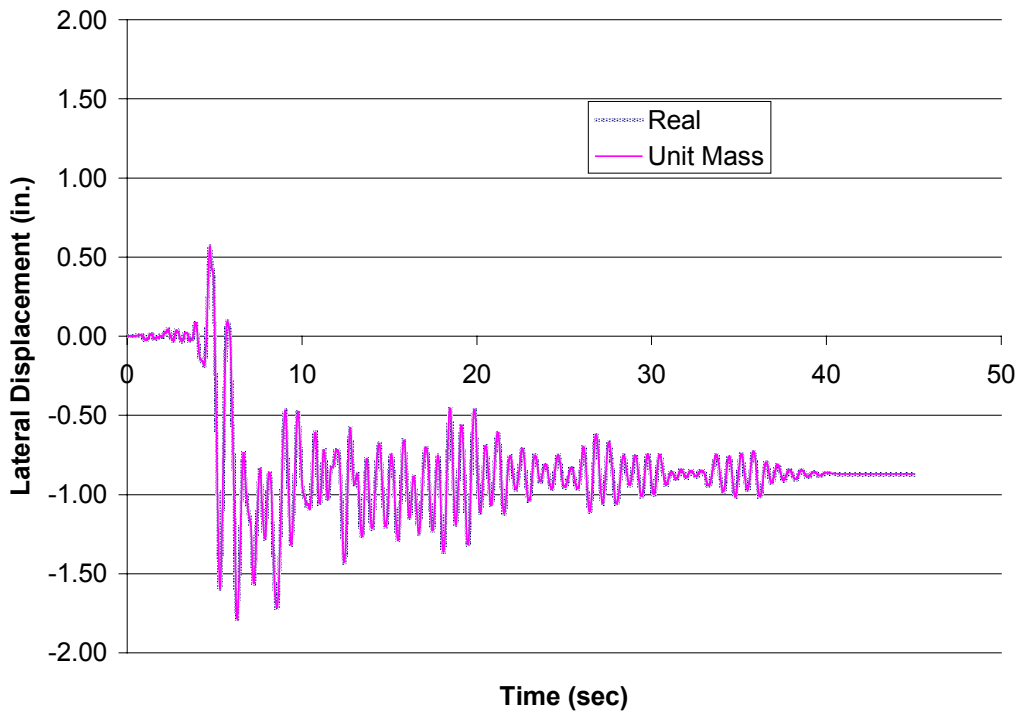


Figure B1.2 – Chalfant Valley (EQ3), Response Histories for Three Story Comparative Models with Vertical Accelerations Included

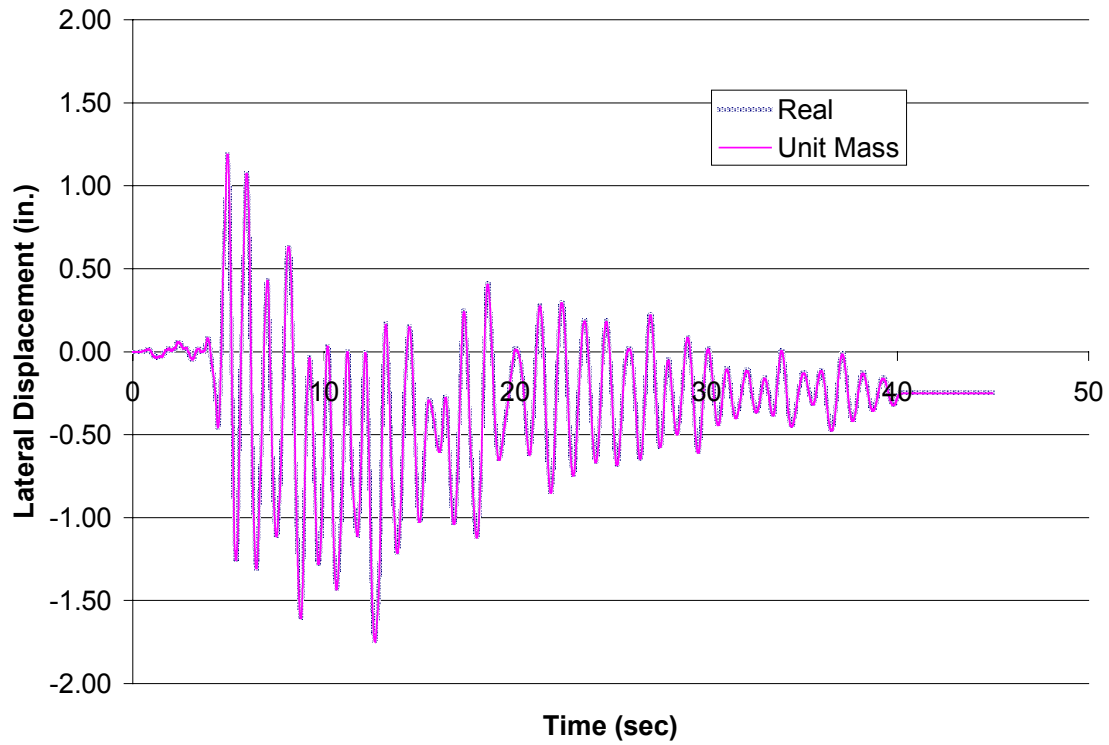


Figure B2.1 – Chalfant Valley (EQ3), Response Histories for Five Story Comparative Models without Vertical Accelerations Included

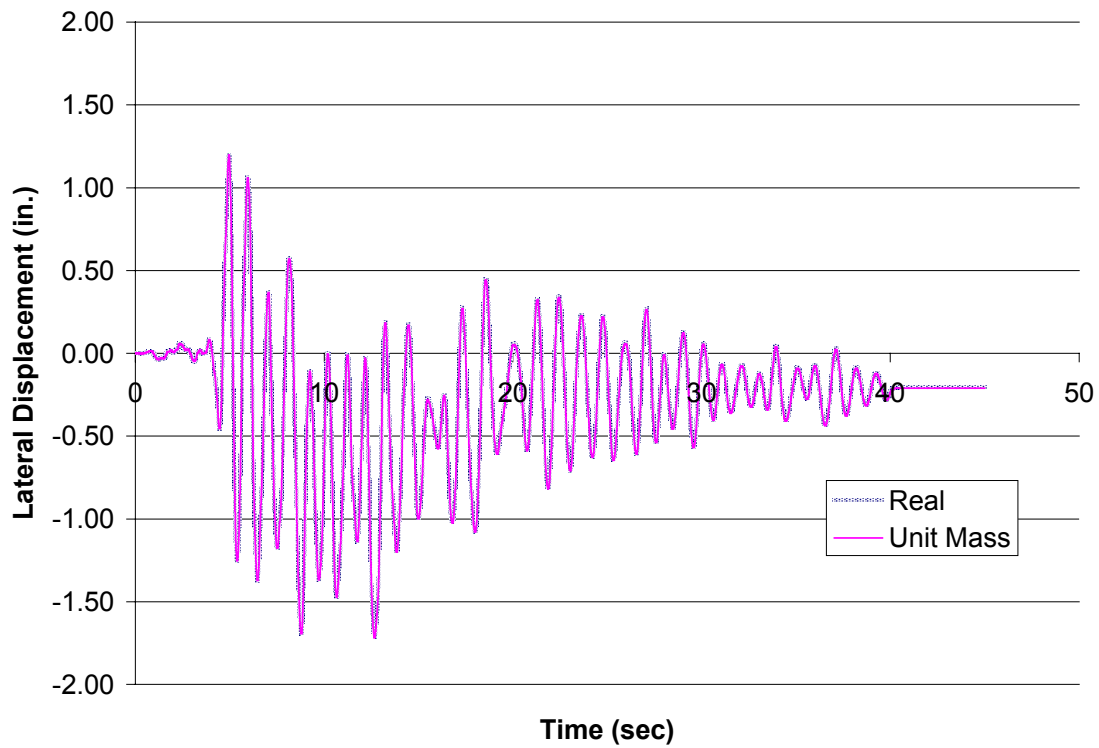


Figure B2.2 – Chalfant Valley (EQ3), Response Histories for Five Story Comparative Models with Vertical Accelerations Included

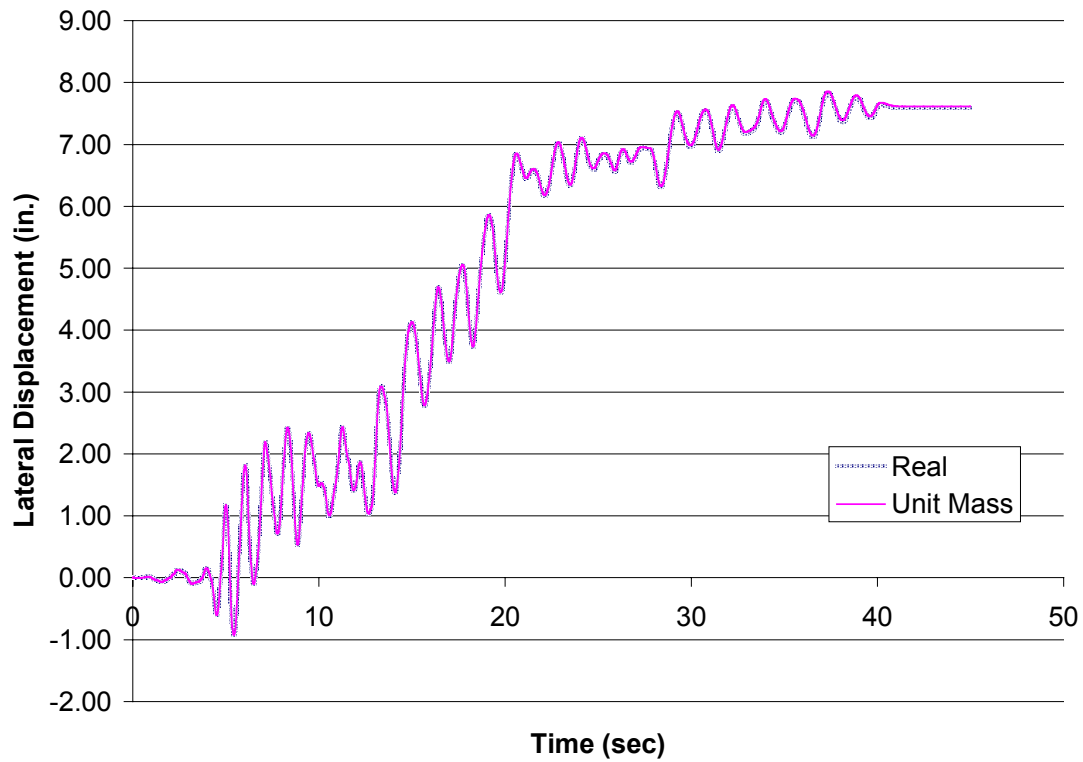


Figure B3.1 – Chalfant Valley (EQ3), Response Histories for Seven Story Comparative Models without Vertical Accelerations Included

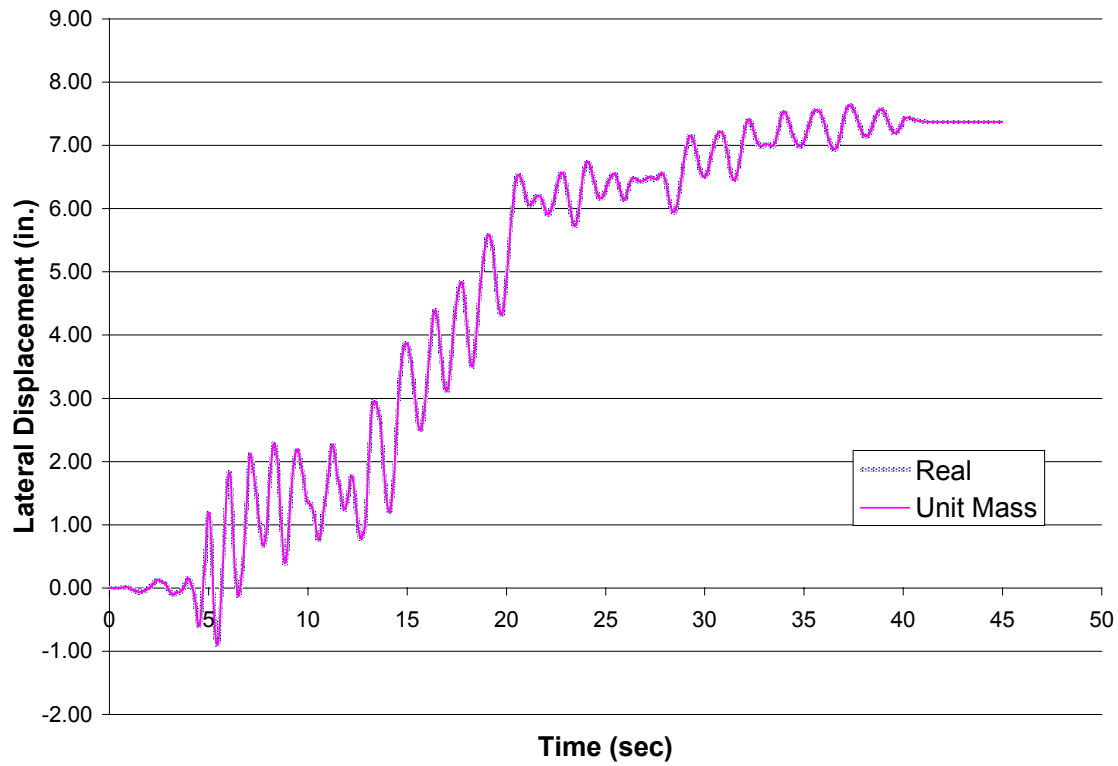


Figure B3.2 – Chalfant Valley (EQ3), Response Histories for Seven Story Comparative Models with Vertical Accelerations Included

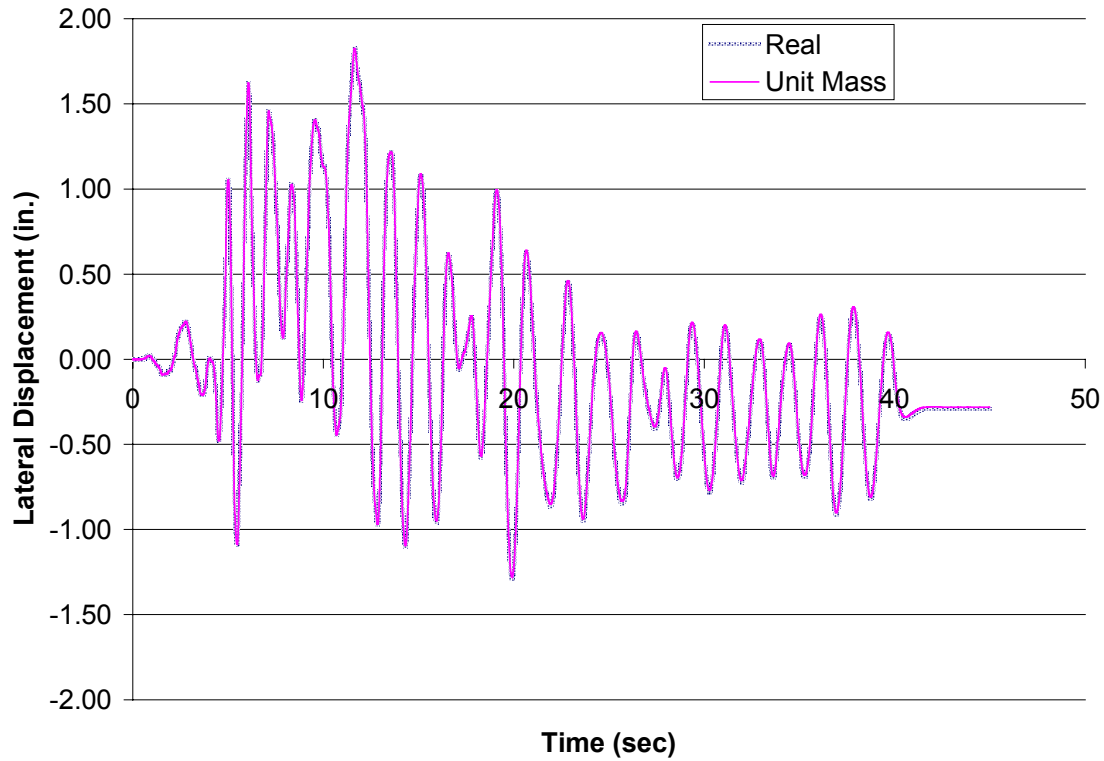


Figure B4.1 – Chalfant Valley (EQ3), Response Histories for Nine Story Comparative Models without Vertical Accelerations Included

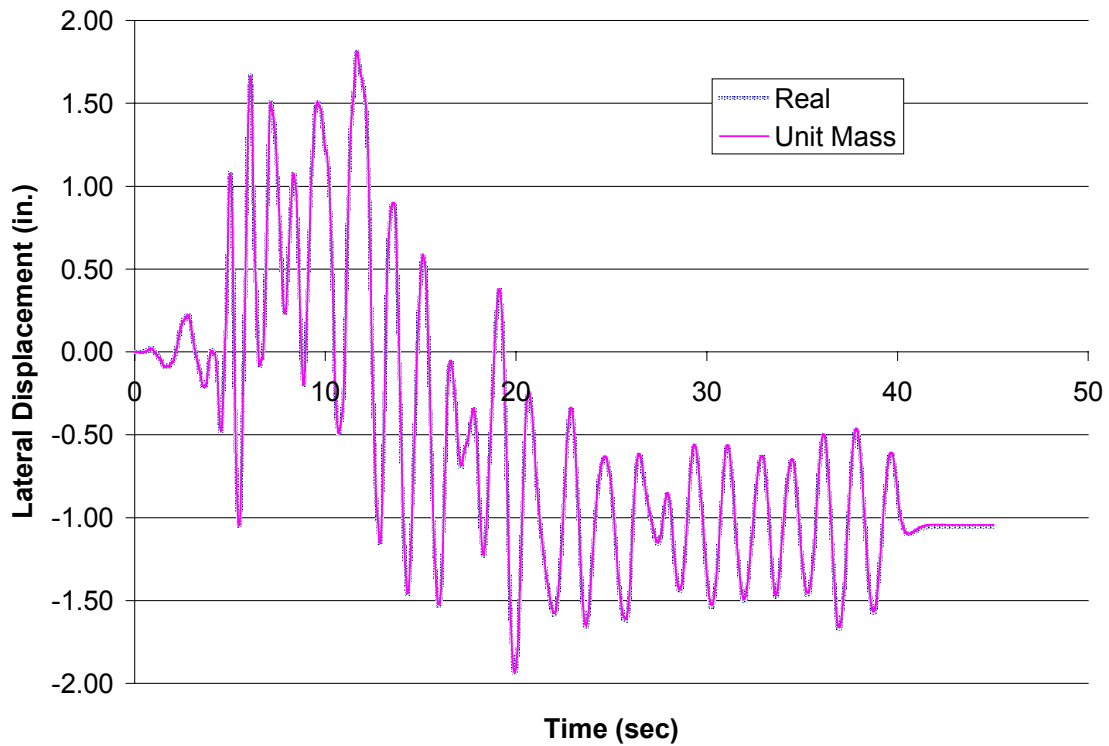


Figure B4.2 – Chalfant Valley (EQ3), Response Histories for Nine Story Comparative Models with Vertical Accelerations Included

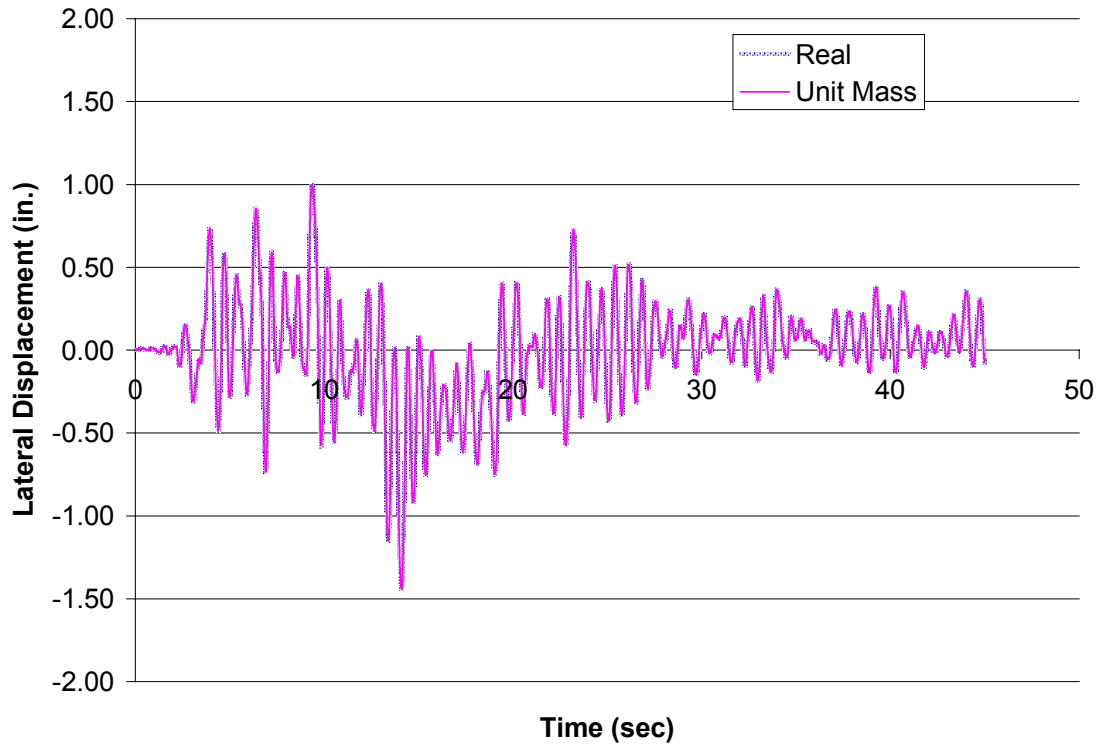


Figure B5.1 – Taft (EQ4), Response Histories for Three Story Comparative Models without Vertical Accelerations Included

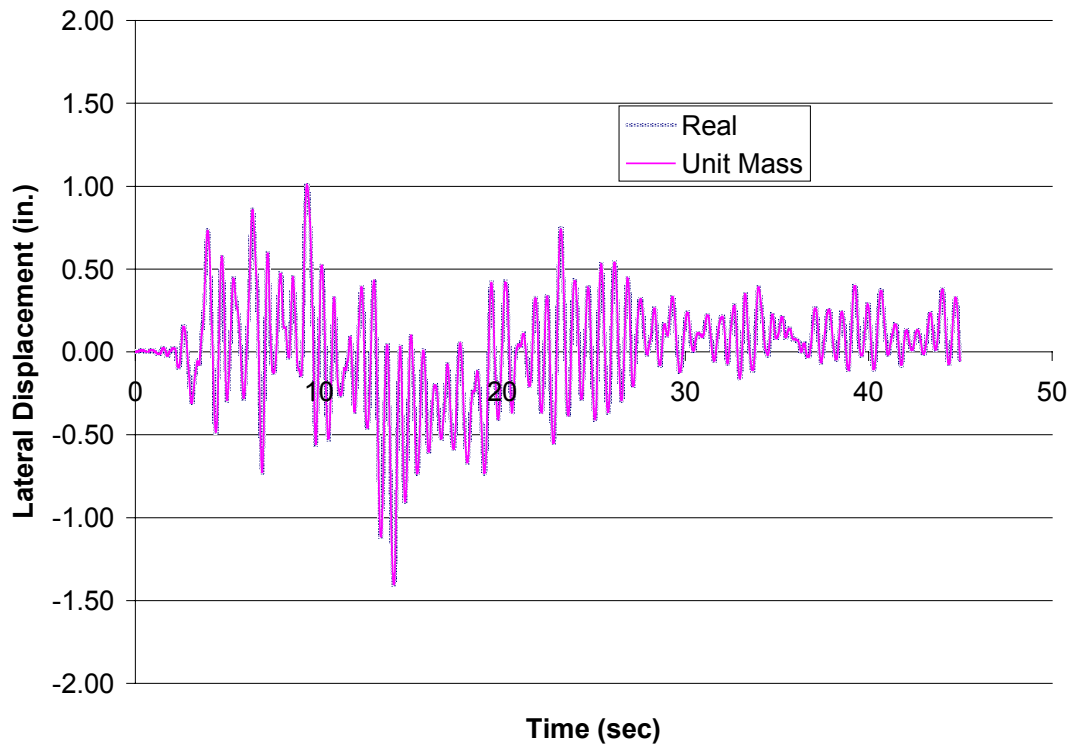


Figure B5.2 – Taft (EQ4), Response Histories for Three Story Comparative Models with Vertical Accelerations Included

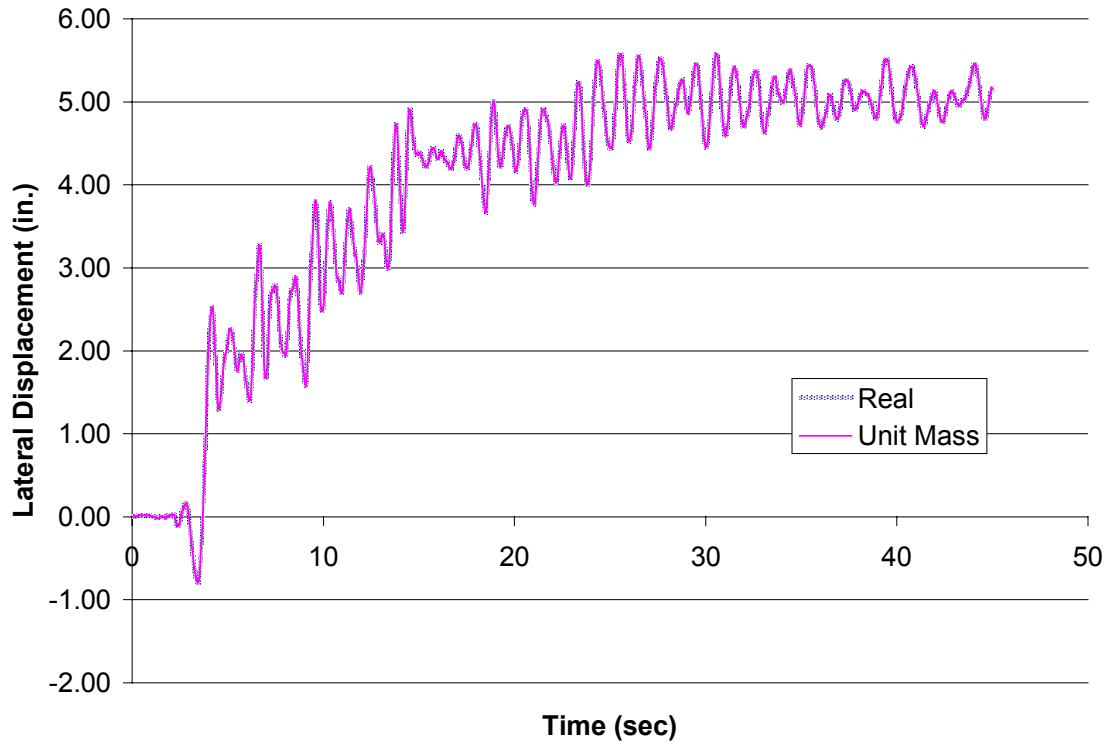


Figure B6.1 – Taft (EQ4), Response Histories for Five Story Comparative Models without Vertical Accelerations Included

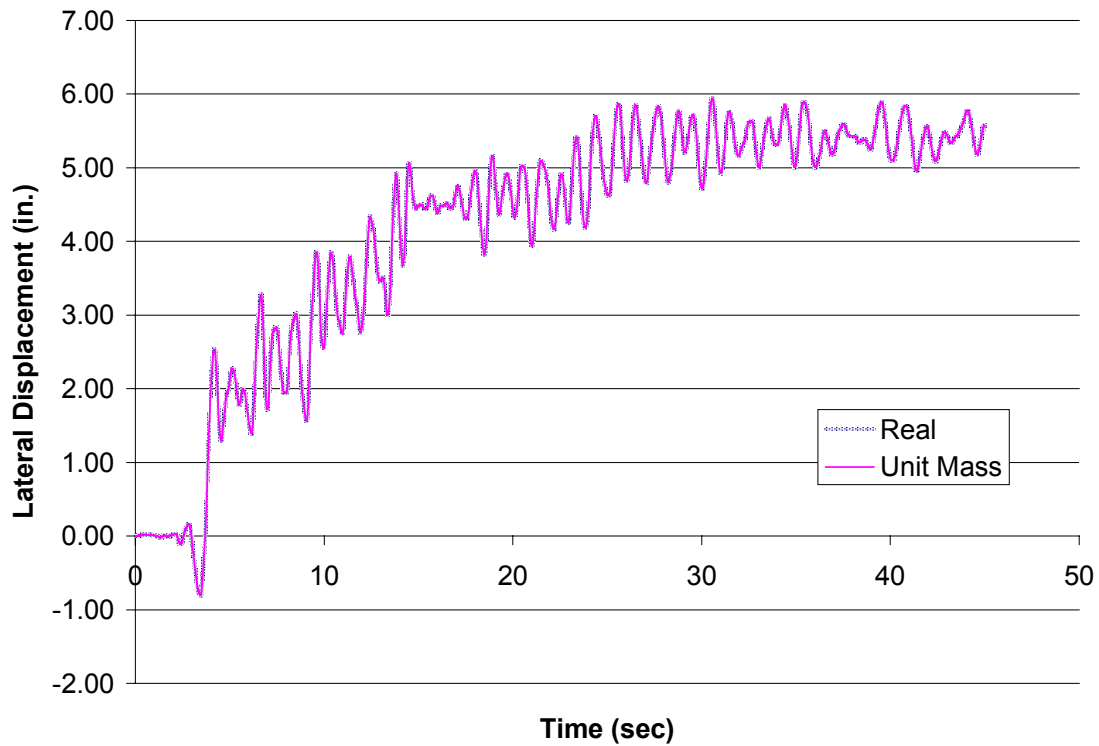


Figure B6.2 – Taft (EQ4), Response Histories for Five Story Comparative Models with Vertical Accelerations Included

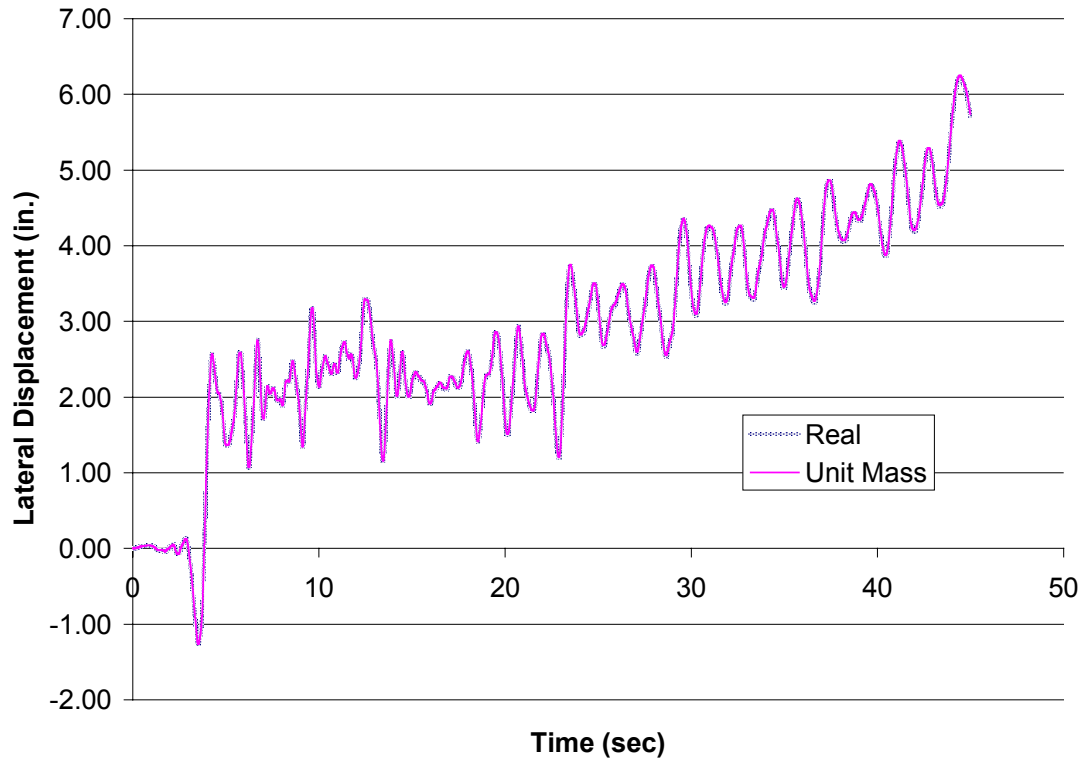


Figure B7.1 – Taft (EQ4), Response Histories for Seven Story Comparative Models without Vertical Accelerations Included

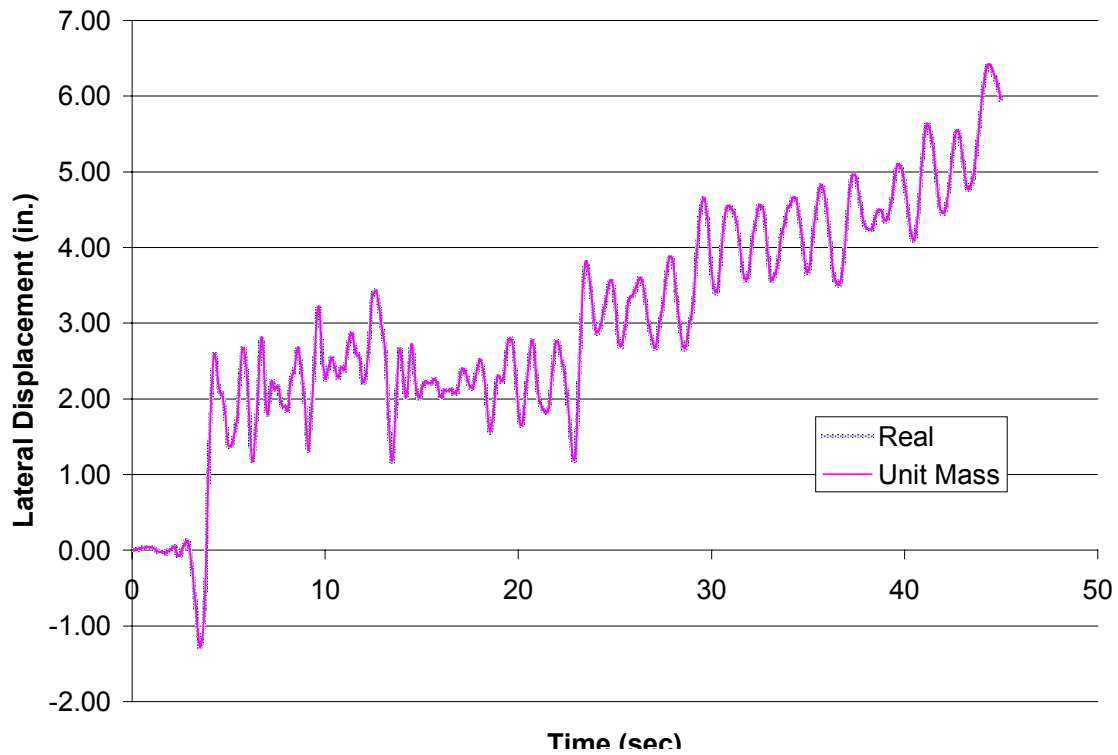


Figure B7.2 – Taft (EQ4), Response Histories for Seven Story Comparative Models with Vertical Accelerations Included

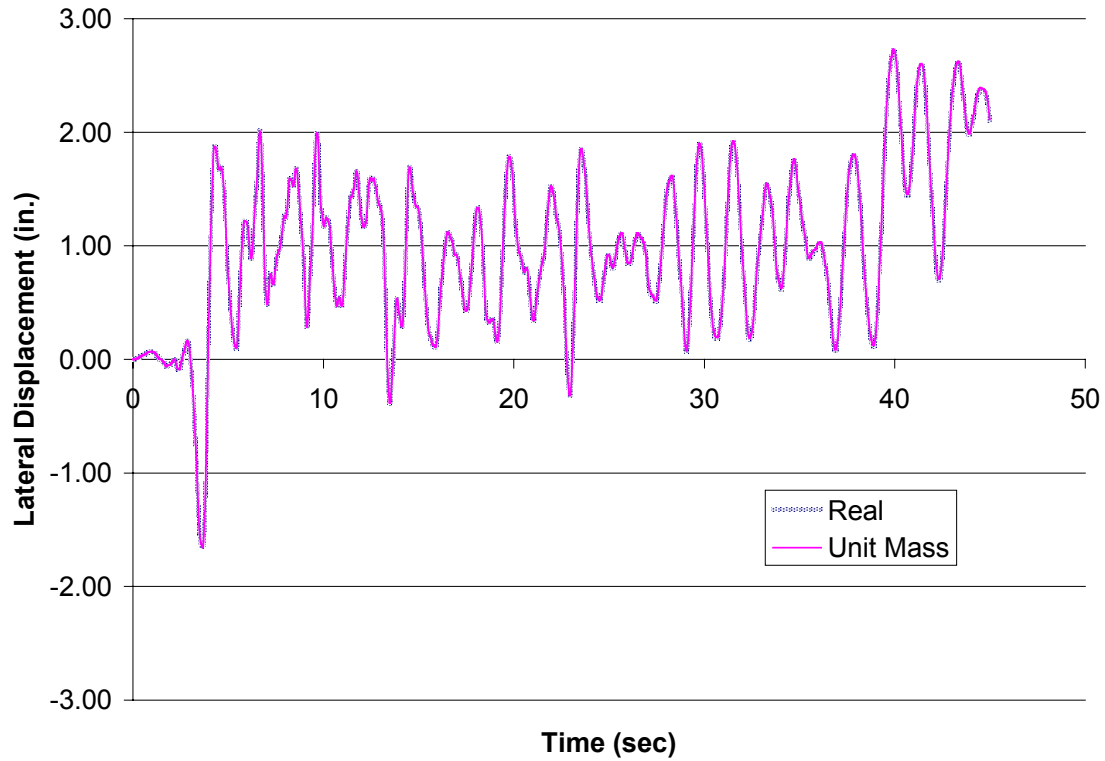


Figure B8.1 – Taft (EQ4), Response Histories for Nine Story Comparative Models without Vertical Accelerations Included

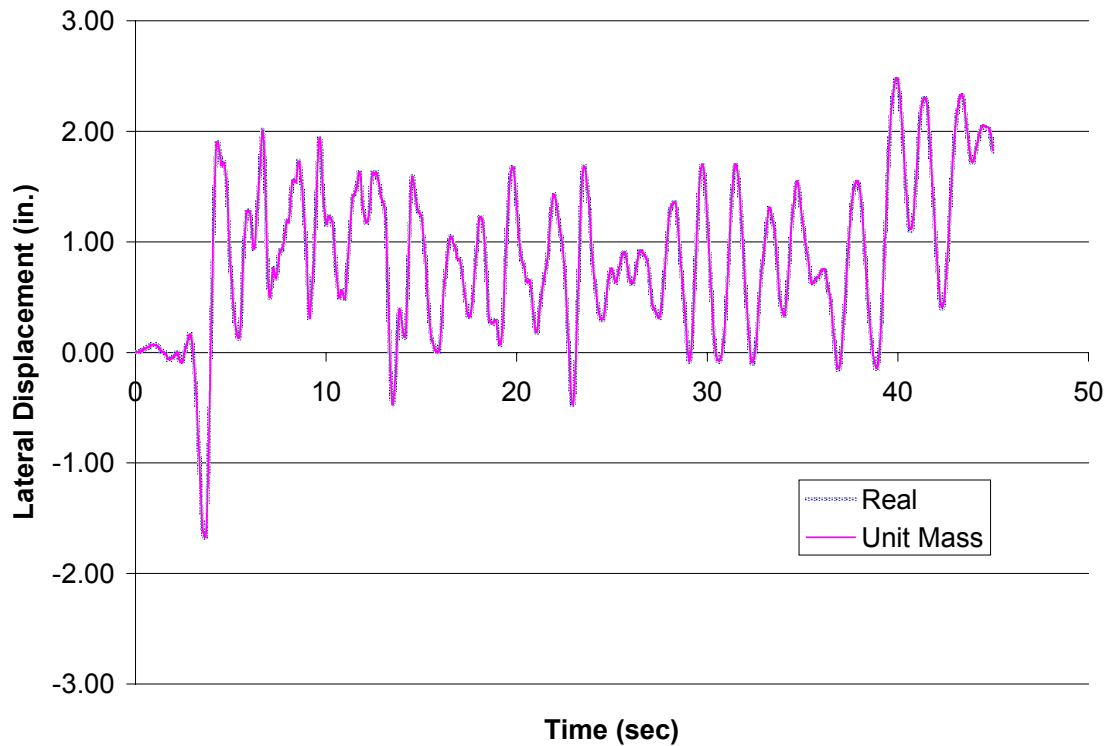


Figure B8.2 – Taft (EQ4), Response Histories for Nine Story Comparative Models with Vertical Accelerations Included