

Appendix D
Moment-Steel Strain Plots of Tested Specimens

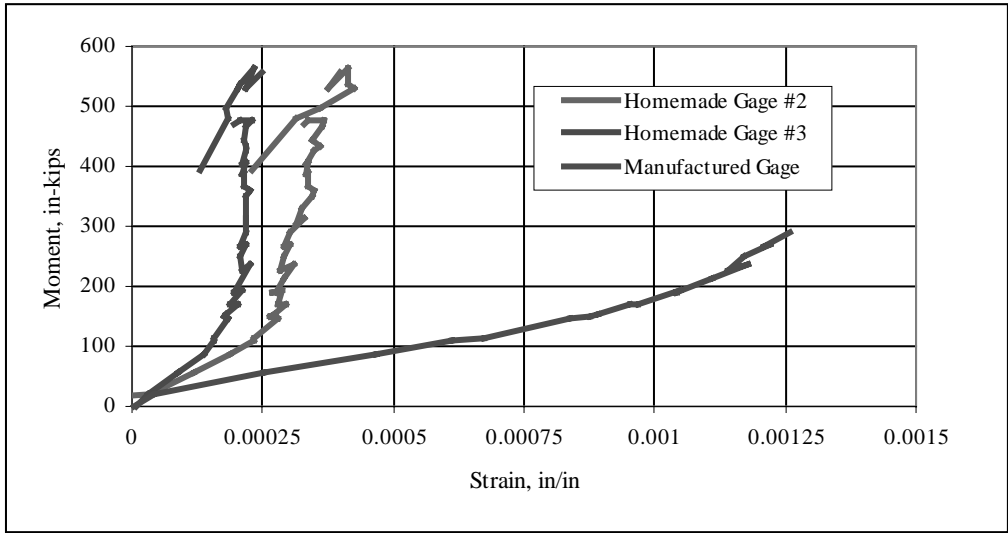
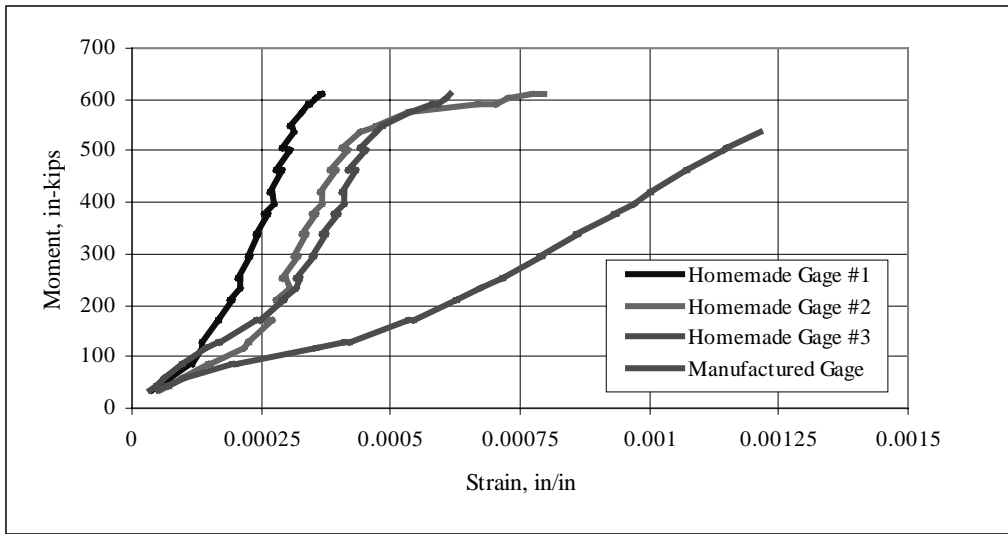


Figure D.1: Moment-Steel Strain Plot for Control



**Figure D.2: Moment-Steel Strain Plot for Two-Layer,
0°/90° Strengthened Beam**

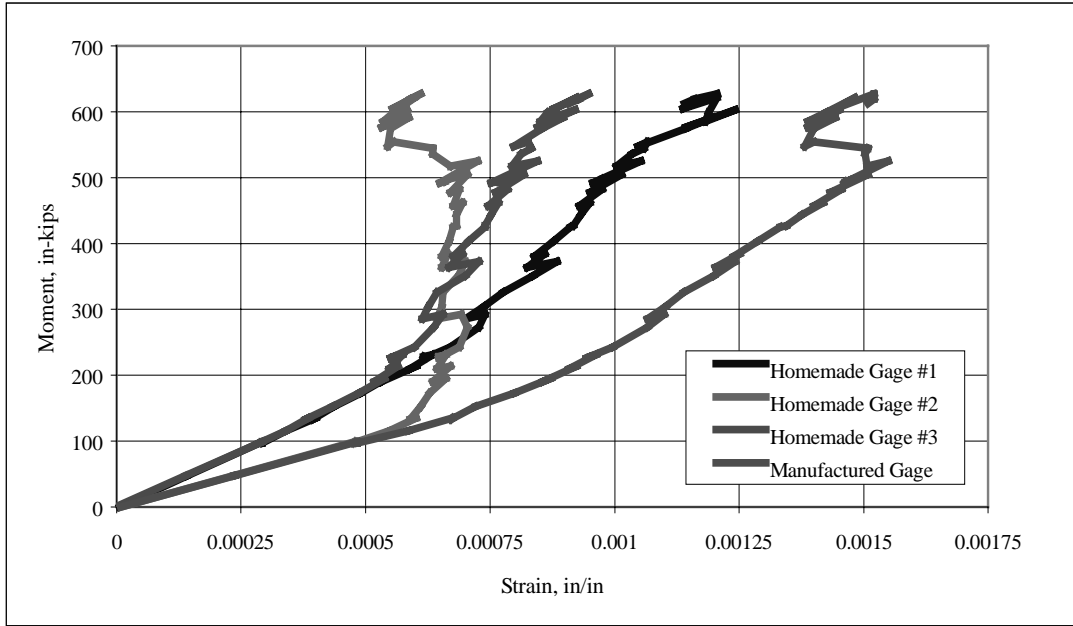


Figure D.3: Moment-Steel Strain Plot for Three-Layer, 0°/90° Strengthened Beam

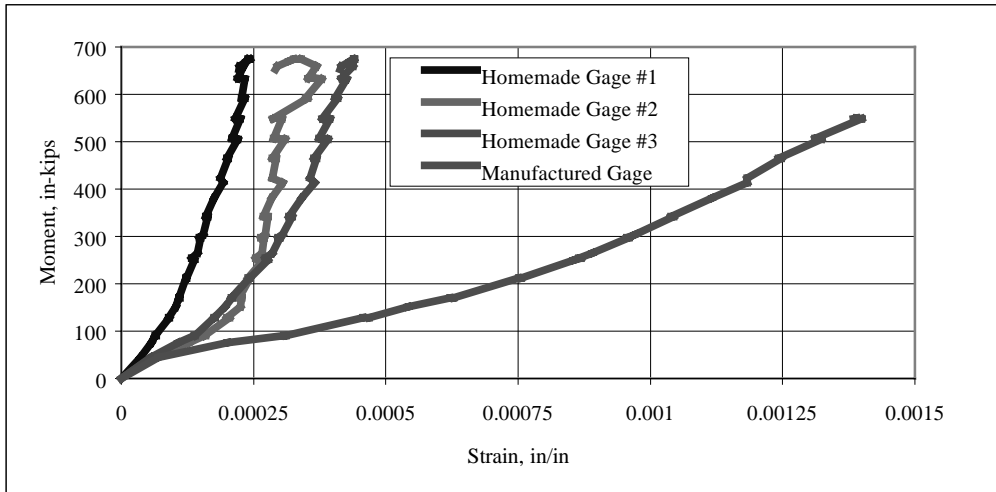


Figure D.4: Moment-Steel Strain Plot for Four-Layer, 0°/90° Strengthened Beam

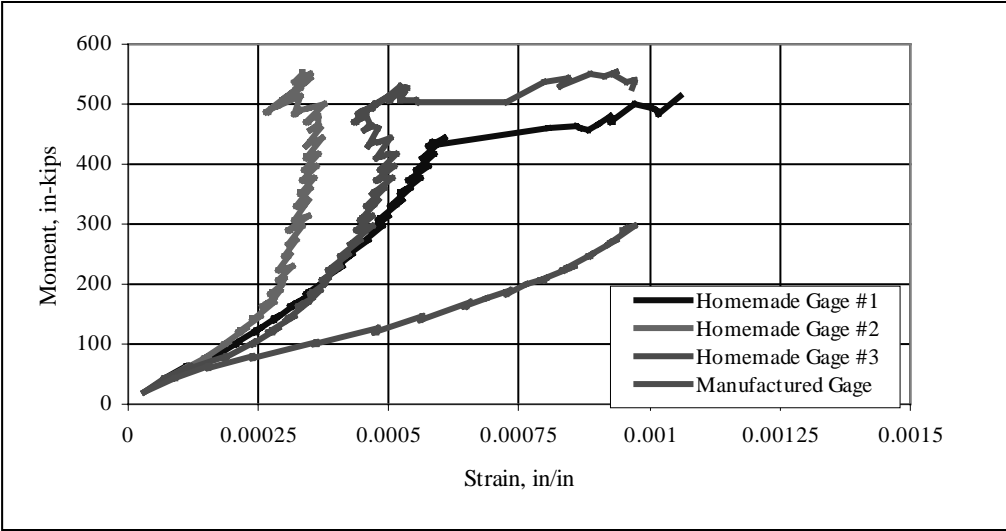


Figure D.5: Moment-Steel Strain Plot for Two-Layer, ±45° Strengthened Beam

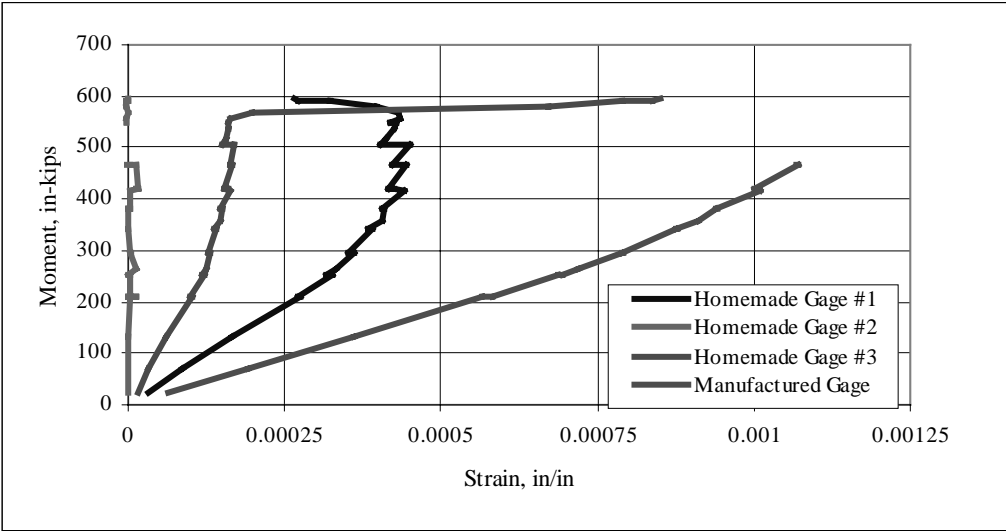


Figure D.6: Moment-Steel Strain Plot for Three-Layer, ±45° Strengthened Beam

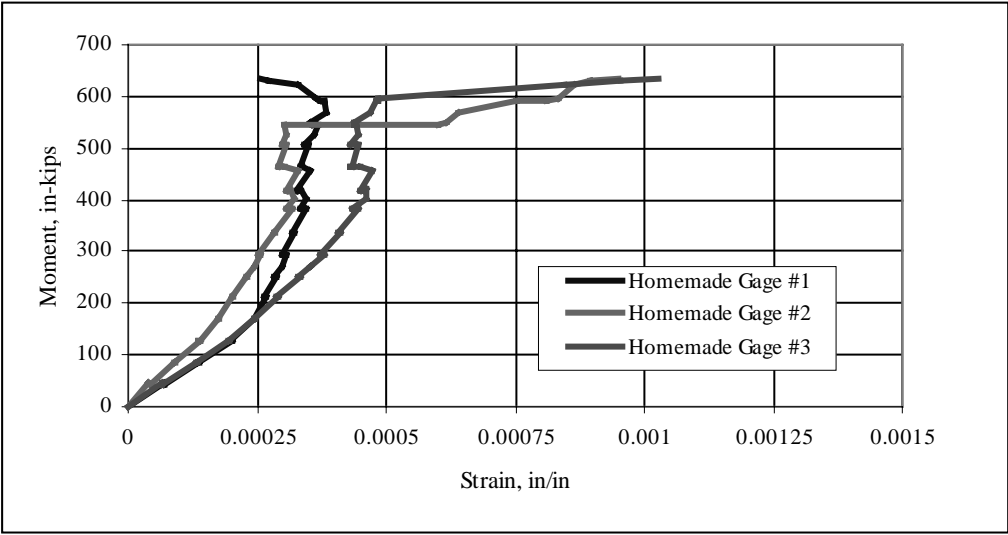


Figure D.7: Moment-Steel Strain Plot for Four-Layer, $\pm 45^\circ$ Strengthened Beam