

APPENDIX C. SAMPLE PEDAL EFFORT PLOTS

Figure C-1. Pontiac Grand Am, Dry surface without payload

Figure C-2. Ford Expedition, Dry surface with payload

Figure C-3. Toyota Camry, Wet surface with payload

Figure C-4. Chevrolet Malibu, Dry surface with payload

Figure C-5. Cadillac DeVille, Wet surface with payload

Figure C-6. Dodge Caravan, Dry surface without payload

Figure C-7. Dodge Ram 1500 4x4, Wet surface without payload

Figure C-8. Chevrolet Express (1-ton), Wet surface without payload

Figure C-9. Chevrolet Astro, Wet surface with payload

Figure C-10. Pontiac Bonneville, Wet surface without payload

Applied Pedal Effort
Pontiac Grand Am SE
Dates of Test: 30 September and 1 October 1998

Dry Surface without Payload

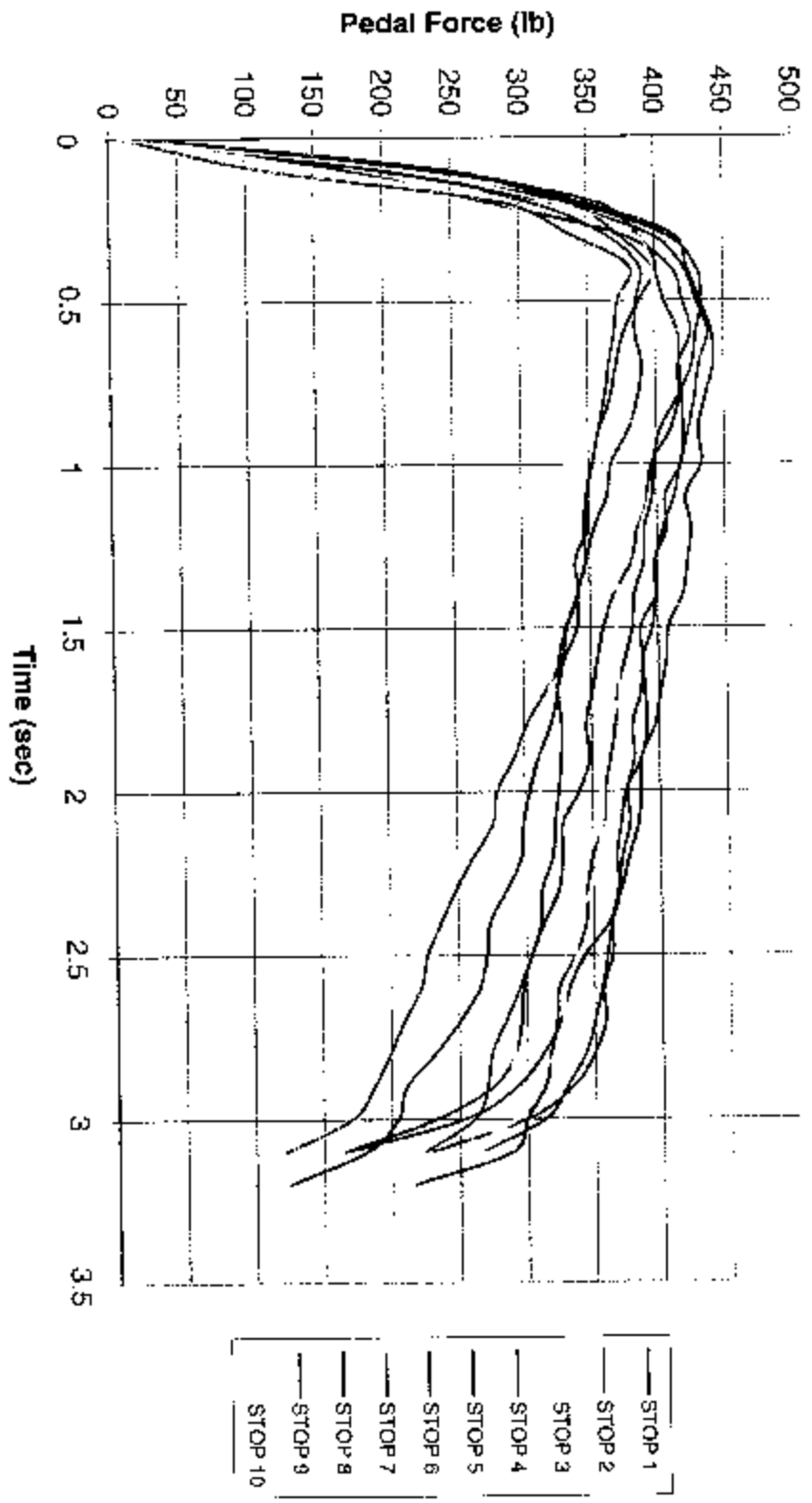


Figure C-1. Pedal Effort Results on Dry Surface without Payload, Pontiac Grand Am SE
Pedal Force versus Time

Applied Pedal Effort
Ford Expedition XLT
Date of Test: 7 October 1998

Dry Surface with Payload

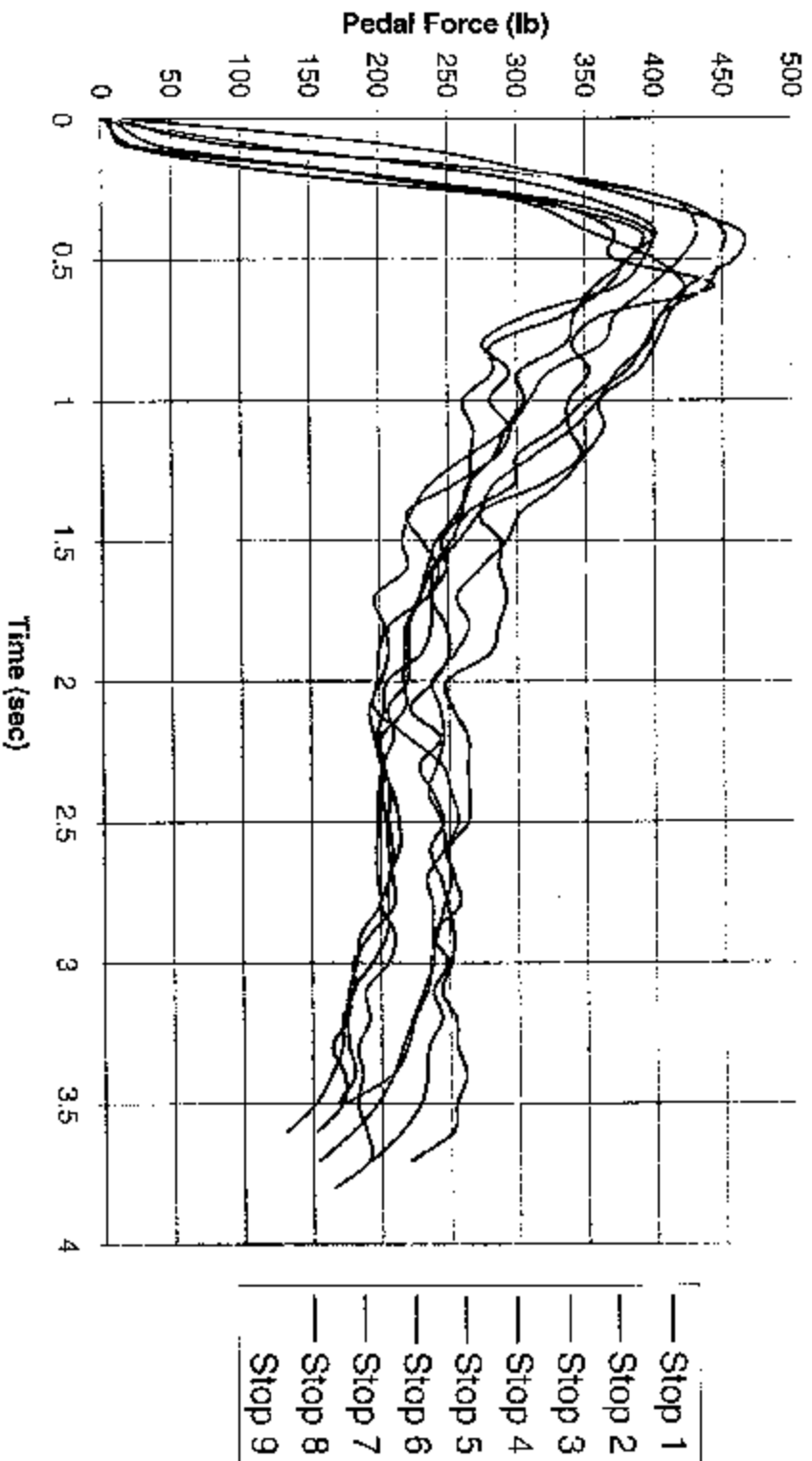


Figure C-2. Pedal Effort Characteristics on Dry Surface with Payload, Ford Expedition
Pedal Effort versus Time

Applied Pedal Effort
Toyota Camry
Date of Test: 15 October 1998
Wet Surface with Payload

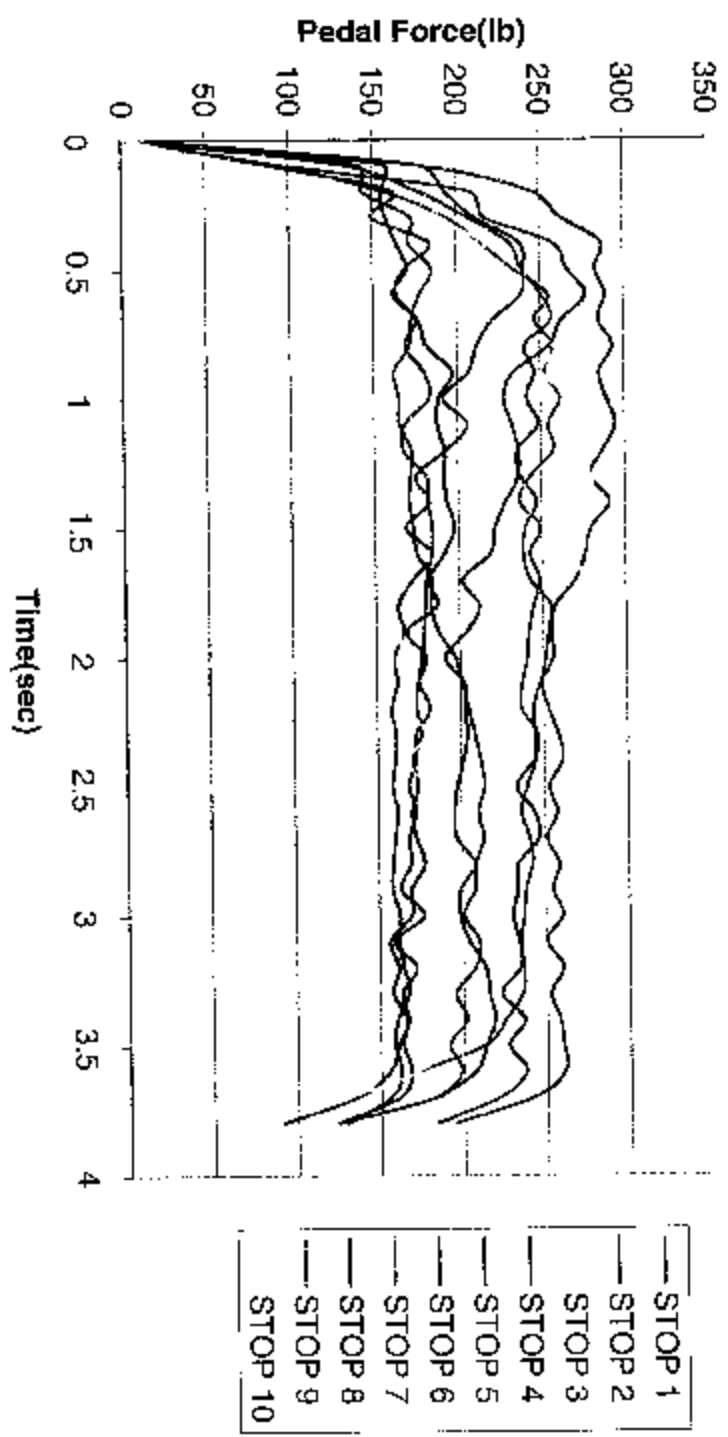


Figure C-3. Pedal Effort Characteristics on Wet Surface with Payload, Toyota Camry
Pedal Effort versus Time

Applied Pedal Effort
Chevrolet Malibu
Date of Test: 19 October 1998

Dry Surface with Payload

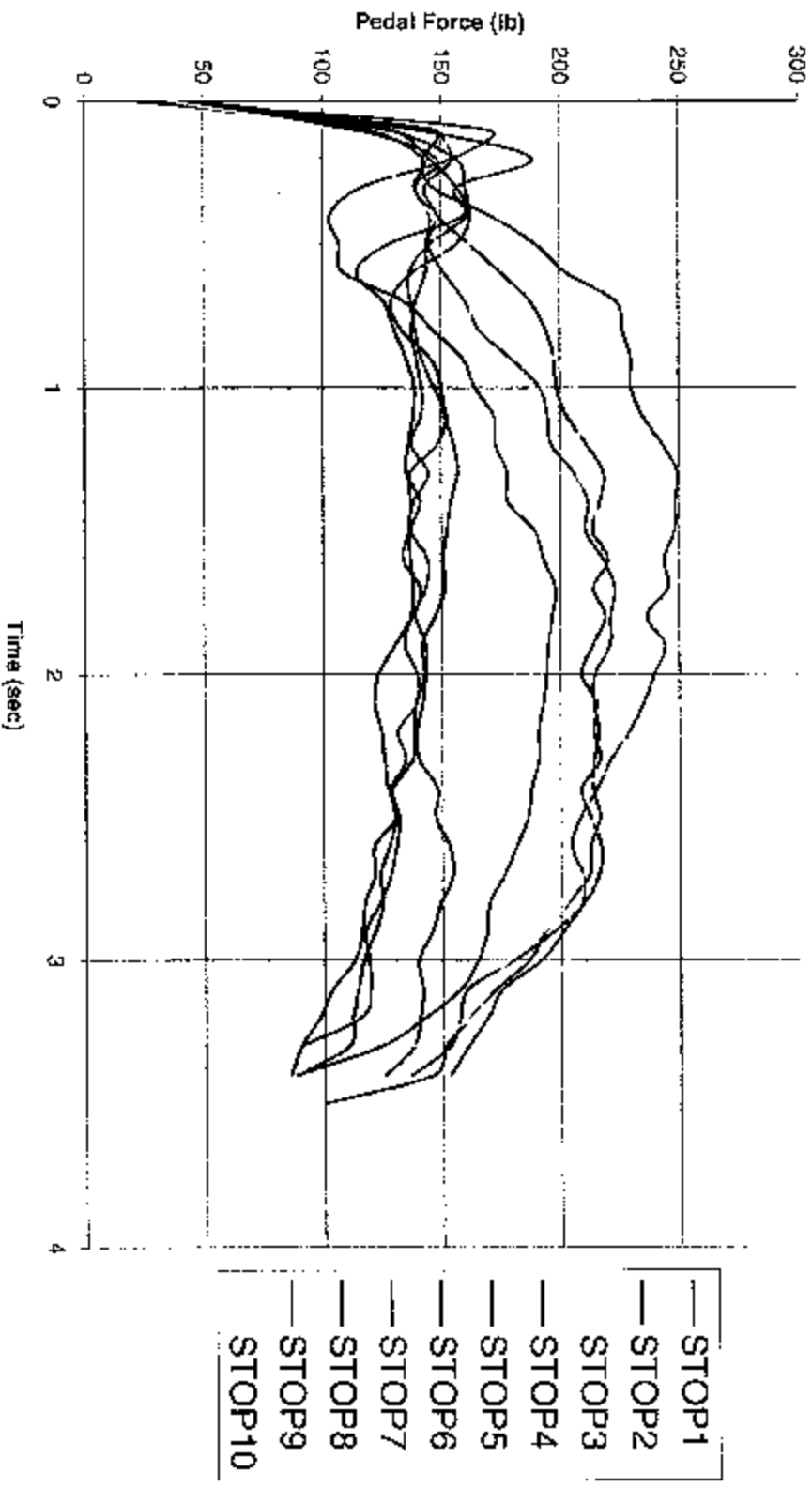


Figure C-4. Pedal Effort Characteristics on Dry Surface with Payload, Chevrolet Malibu
Pedal Effort versus Time

Applied Pedal Effort
Cadillac De Ville

Date of Test: 23 October 1998

Wet Surface with Payload

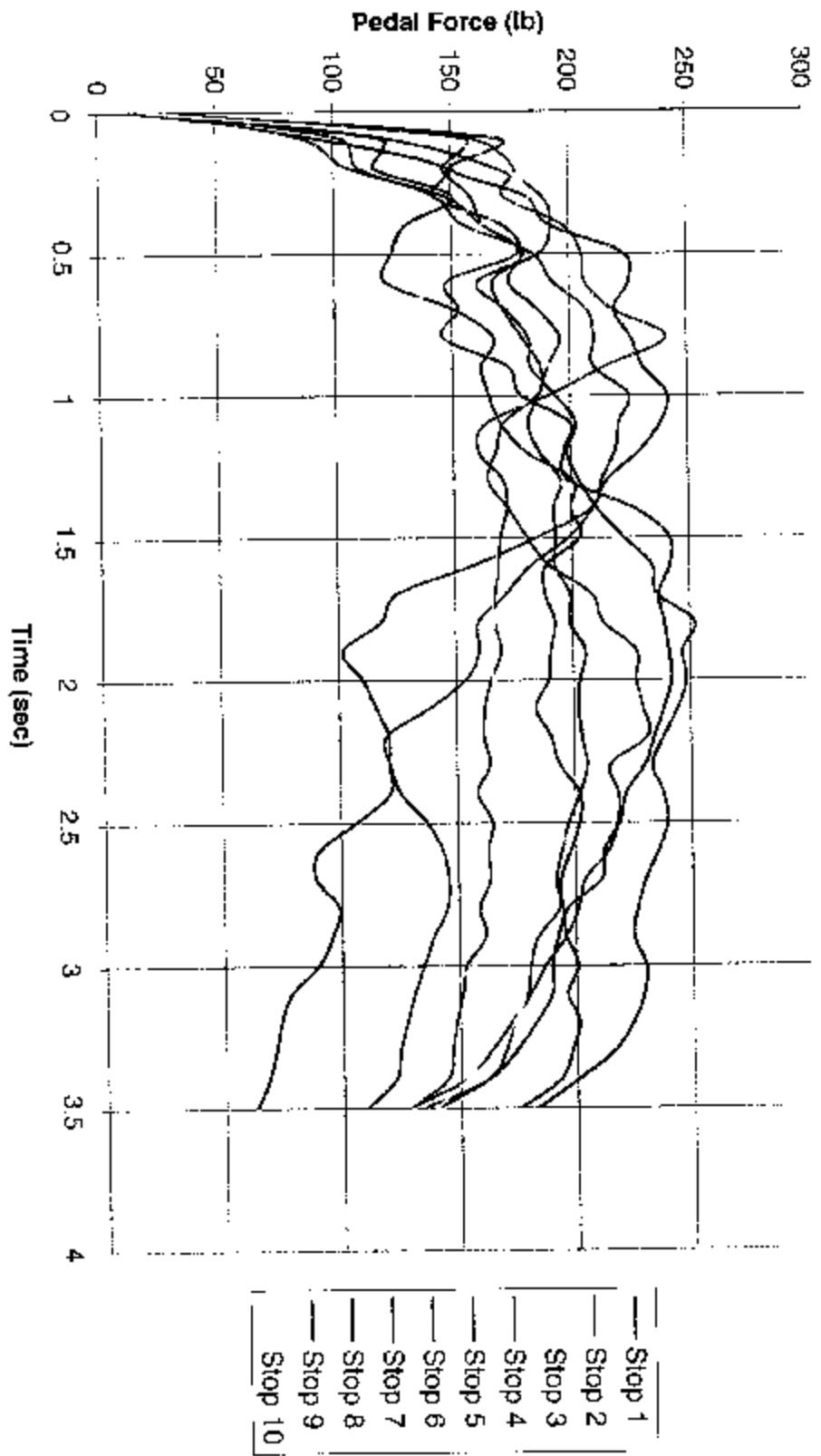


Figure C-5, Pedal Effort Characteristics on Wet Surface with Payload, Cadillac De Ville
Pedal Effort versus Time

Applied Pedal Effort
Dodge Caravan
Date of Test: 2 November 1998

Dry Surface without Payload

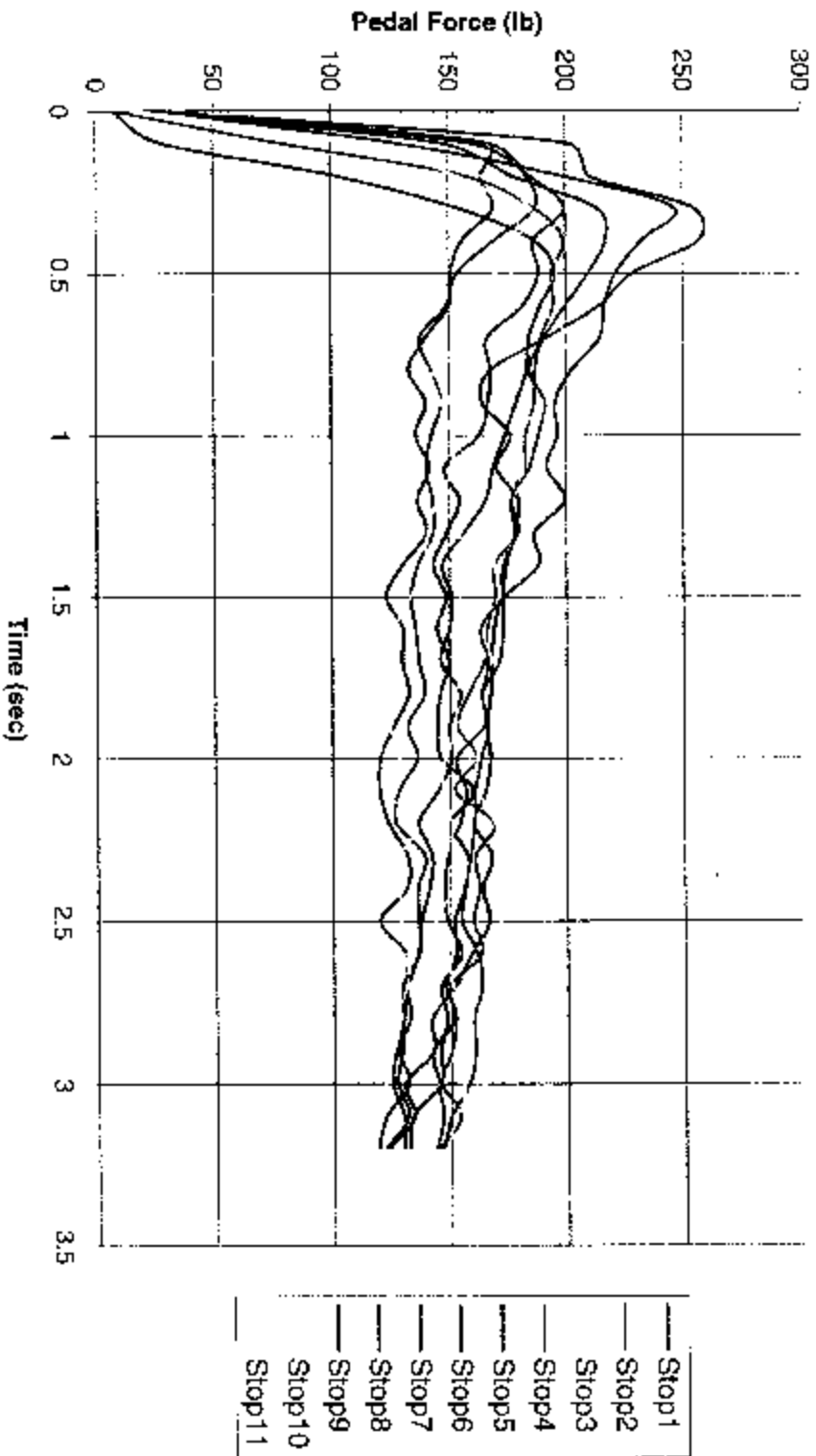


Figure C-6. Pedal Effort Characteristics on Dry Surface without Payload, Dodge Caravan
Pedal Effort versus Time

Applied Pedal Effort
Dodge Ram 1500
Date of Test: 6 November 1998
Wet Surface without Payload

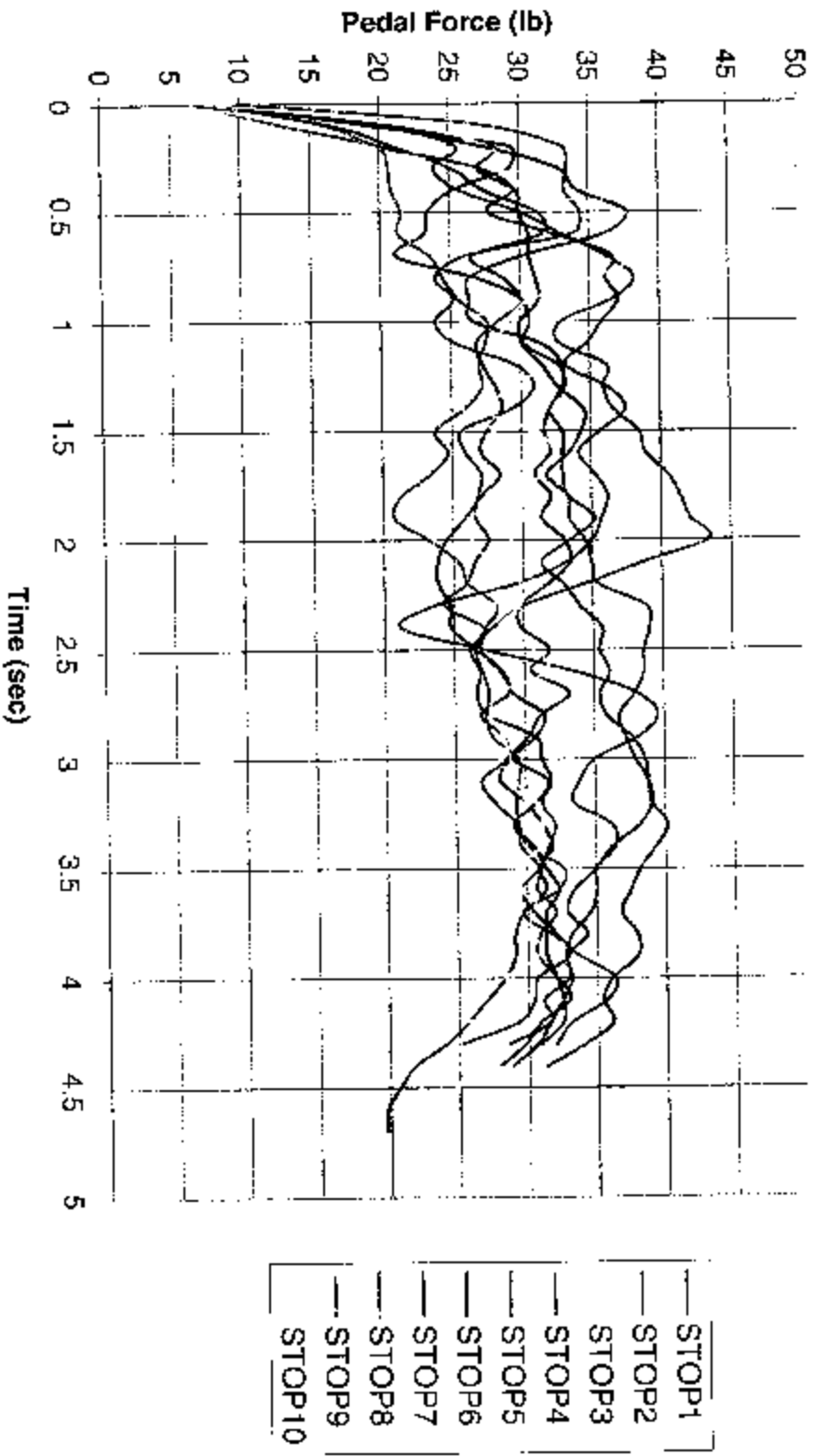


Figure C-7. Pedal Effort Characteristics on Wet Surface without Payload, Dodge Ram 1500
Pedal Effort versus Time

Applied Pedal Effort
Chevrolet Express
Date of Test: 12 November 1998
Wet Surface without Payload

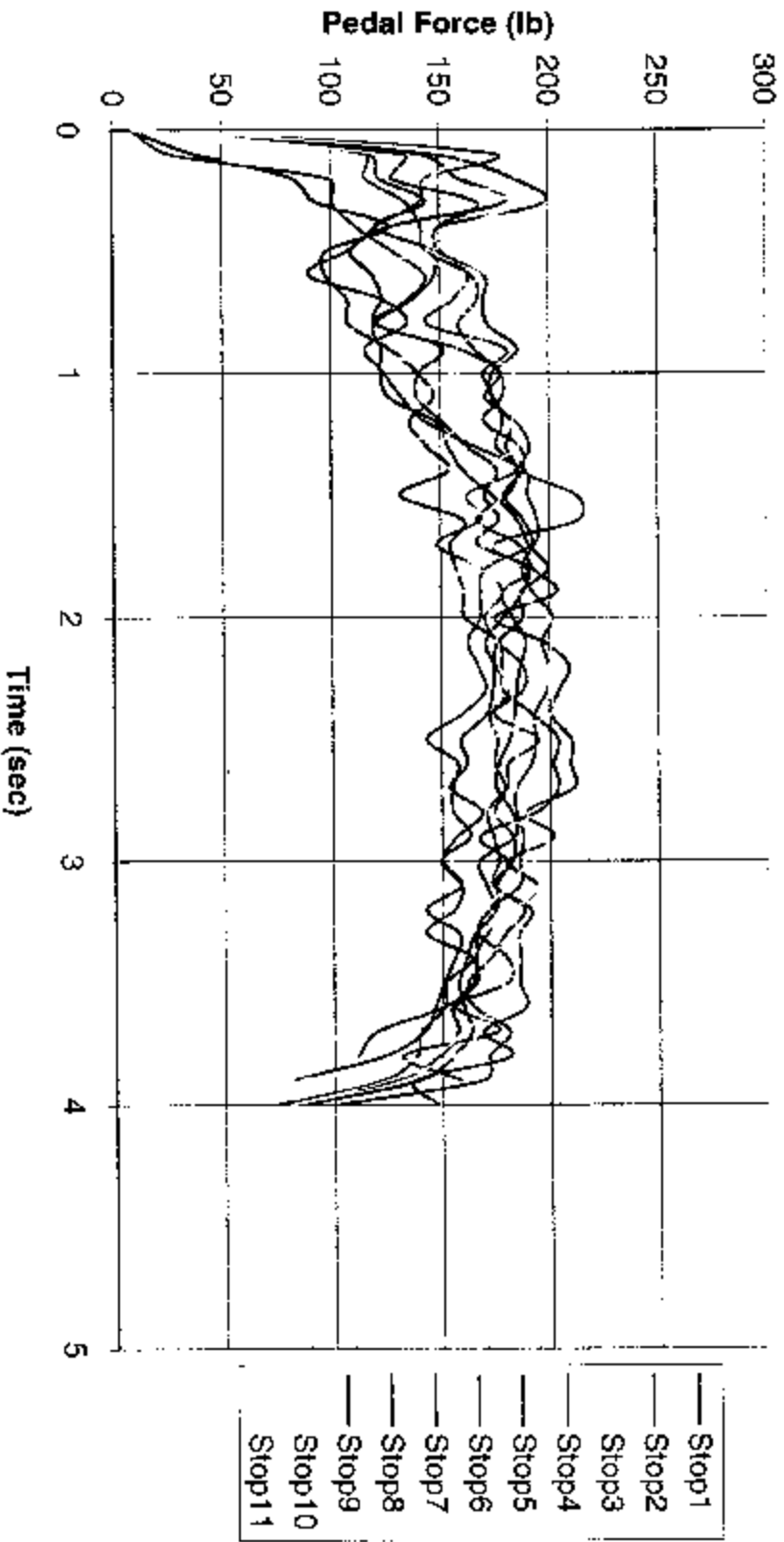


Figure C-8. Pedal Effort Characteristics on Wet Surface without Payload, Chevrolet Express
Pedal Effort versus Time

Applied Pedal Effort
Chevrolet Astro

Date of Test: 18 November 1998

Wet Surface with Payload

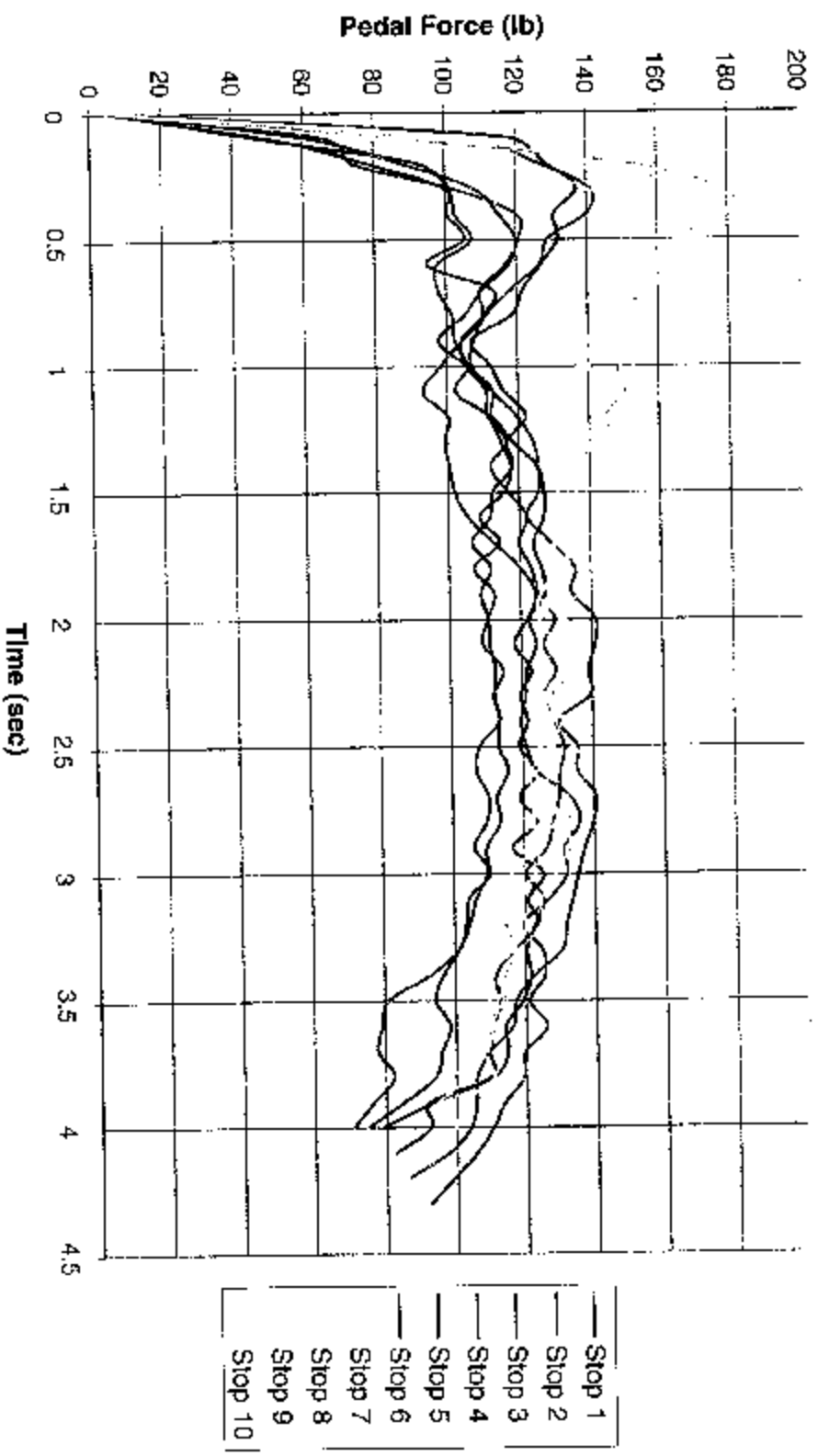


Figure C-9. Pedal Effort Characteristics on Wet Surface with Payload, Chevrolet Astro
Pedal Effort versus Time

Applied Pedal Effort
Pontiac Bonneville
Date of Test: 20 November 1998
Wet Surface without Payload

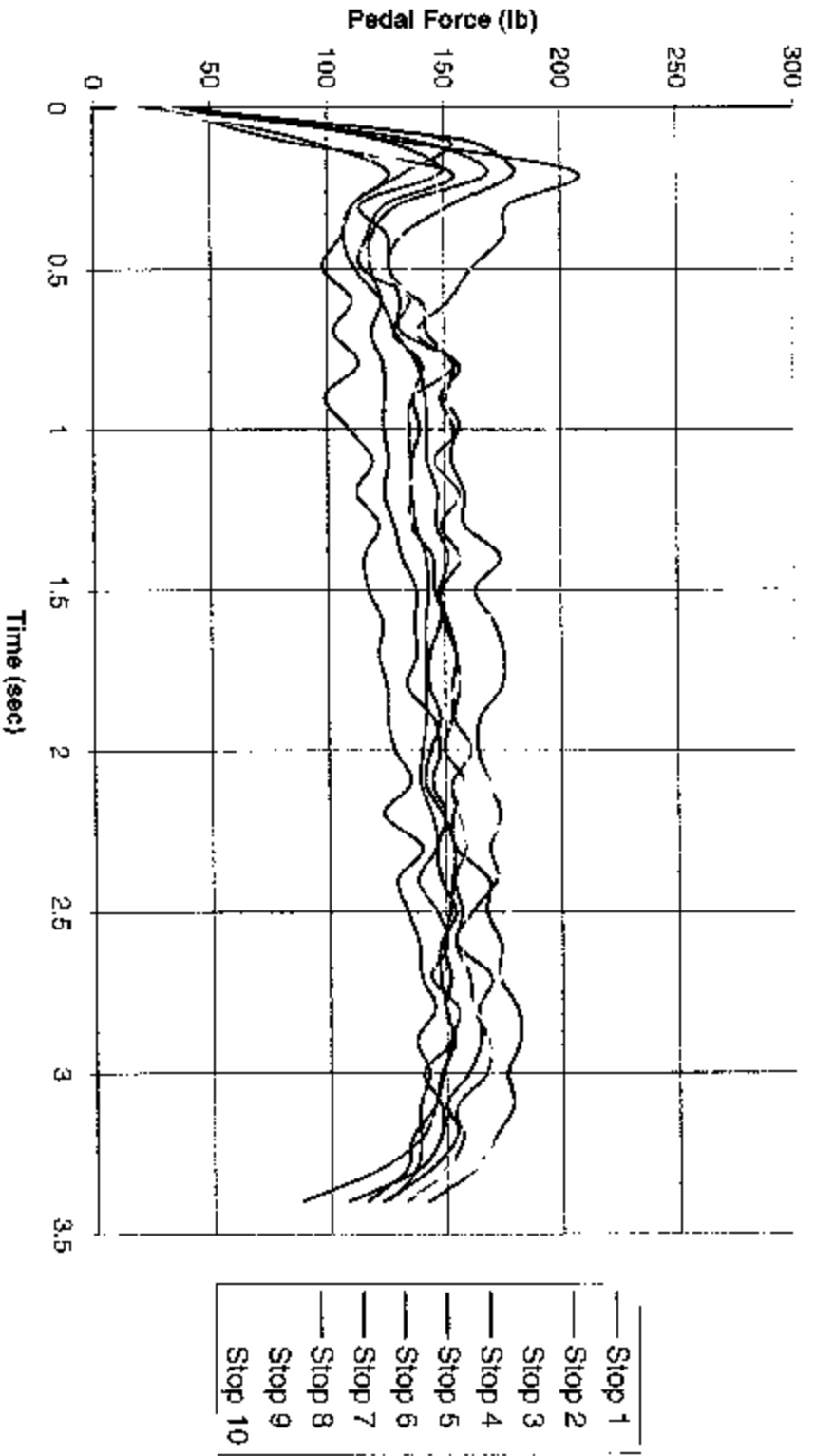


Figure C-10. Pedal Effort Characteristics on Wet Surface without Payload, Pontiac Bonneville
Pedal Effort versus Time