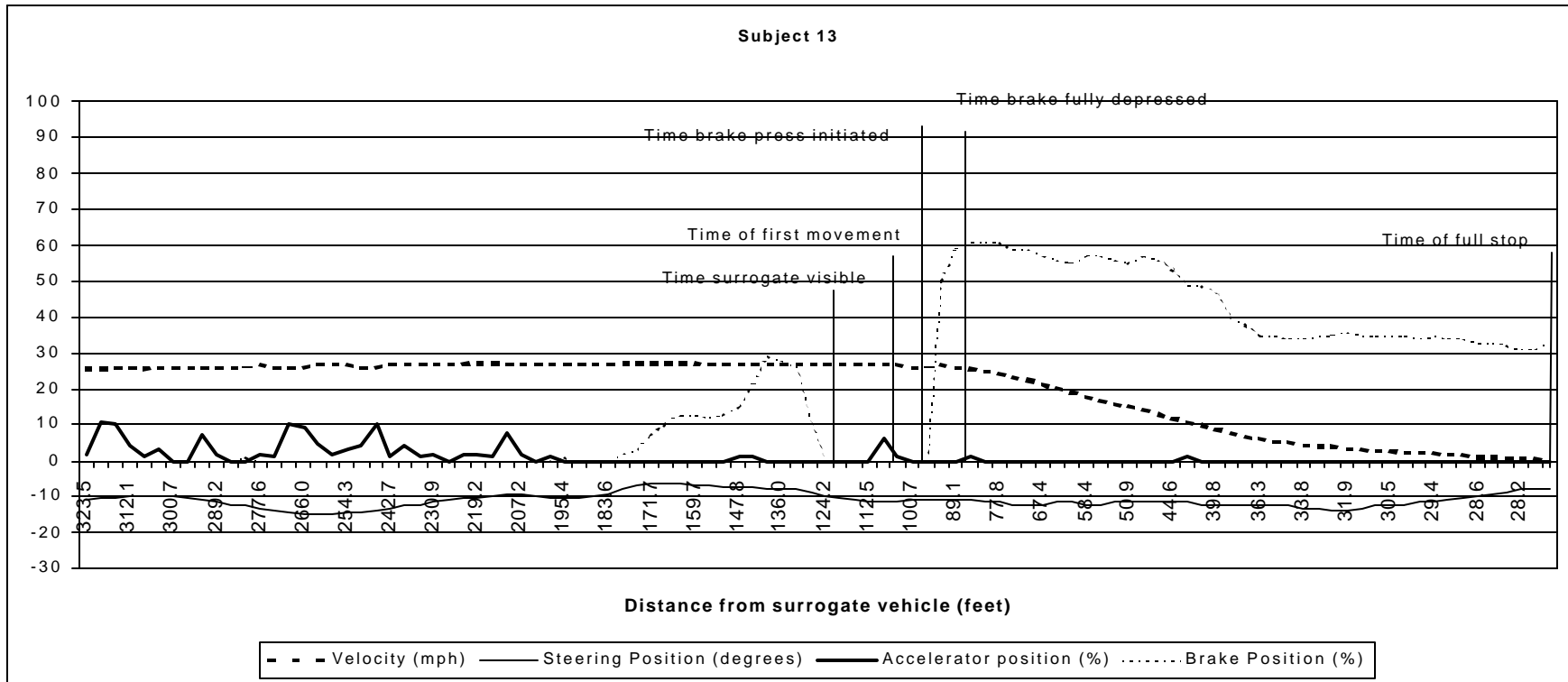


## APPENDIX K. INDIVIDUAL DRIVER BEHAVIOR GRAPHS

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**Figure K-1: Subject 13, Strobe/No steer**

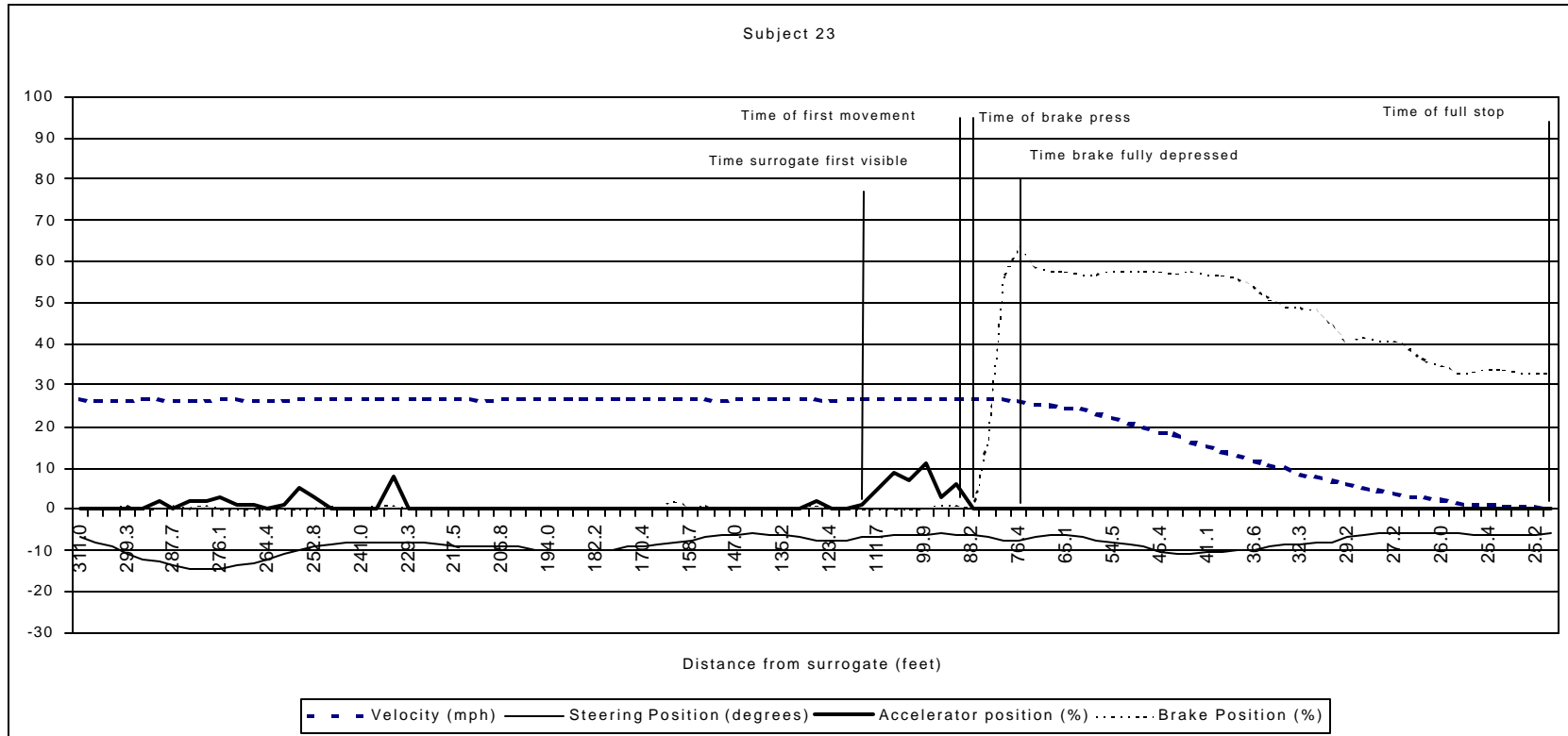
Time surrogate first visible - 3579.8 = 128.2ft

Time of first movement - 3580.4 = 104.6ft

Time brake press initiated - 3580.6 = 96.8ft

Time brake fully depressed - 3580.9 = 85.2 ft

Time of full stop - 3584.9 = 28 ft



**Figure K-2: Subject 23, Strobe/No steer**

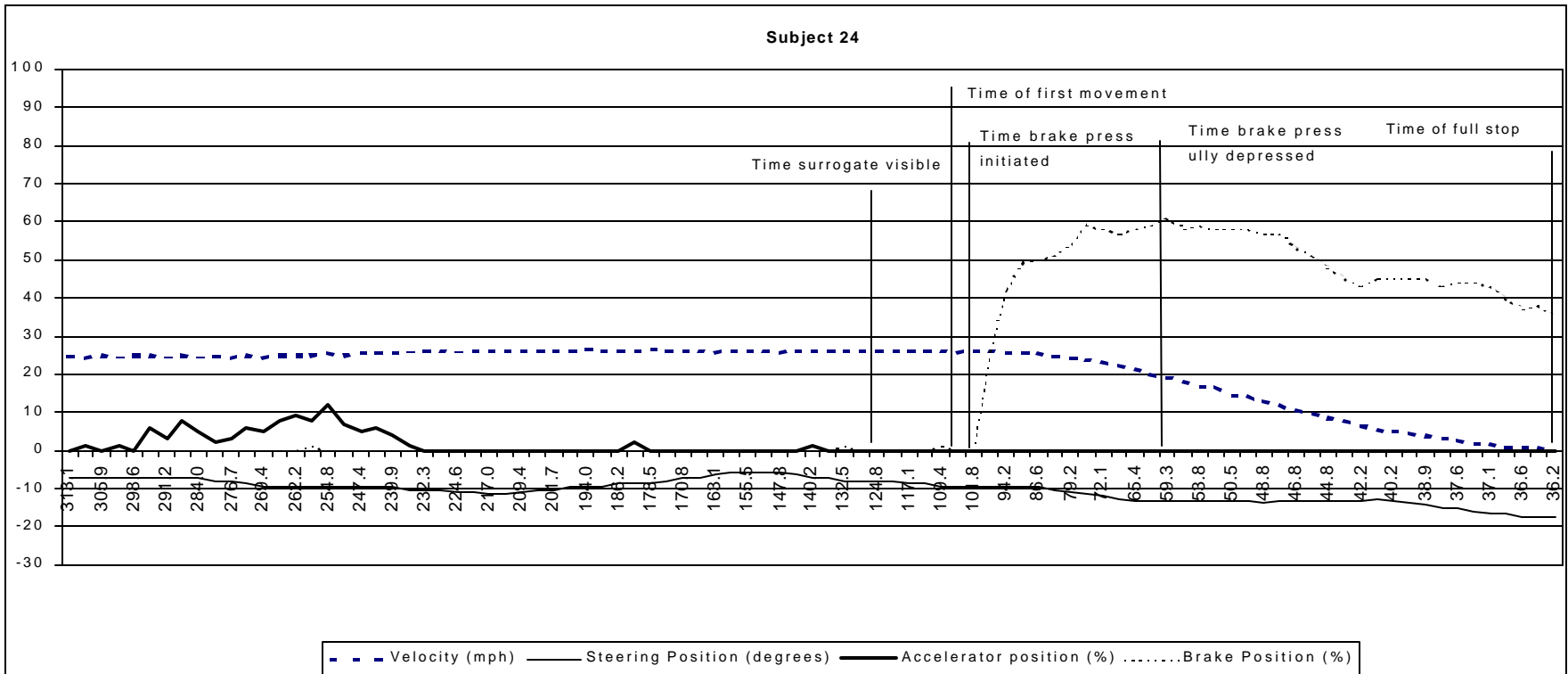
Time surrogate first visible - 2570.8 = 115.6ft

Time of first movement - 2571.4 = 92.1ft

Time brake press initiated - 2571.5 = 88.2ft

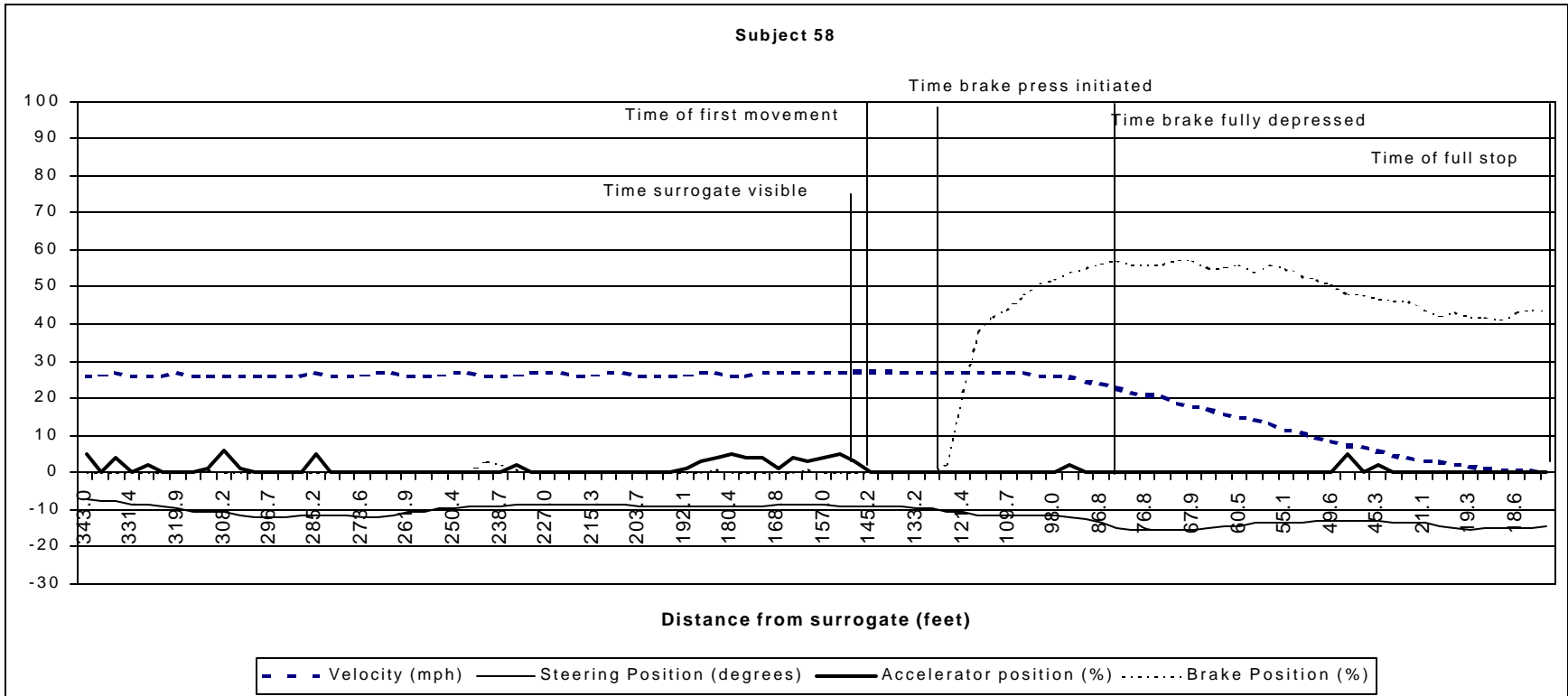
Time brake fully depressed - 2571.8 = 76.4ft

Time of full stop - 2575.2 = 25.2ft



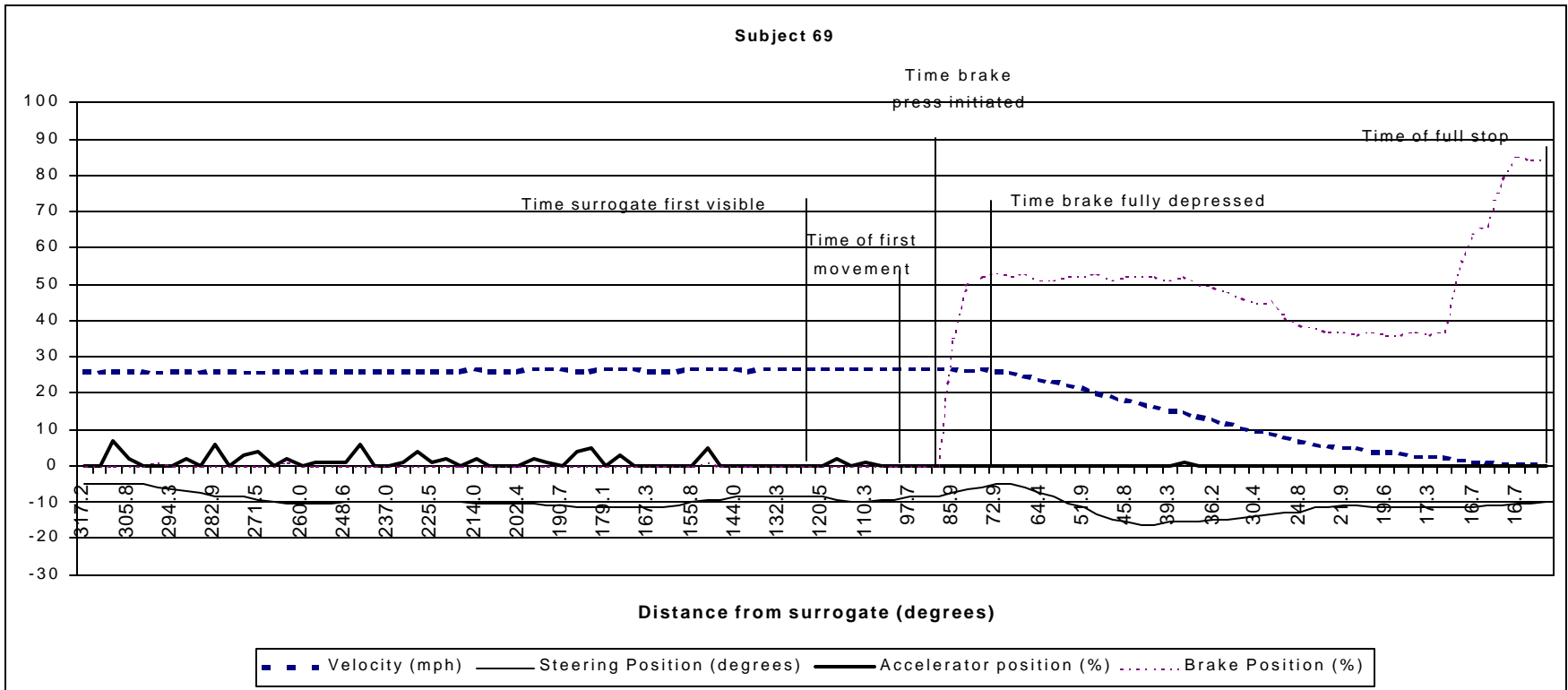
**Figure K-3. Subject 24, Strobe/No steer**

Time surrogate first visible - 3113.6 = 124.8ft  
 Time of first movement - 3114.1 = 105.6ft  
 Time brake press initiated - 3114.2 = 101.8ft  
 Time brake fully depressed - 3115.4 = 59.3ft  
 Time of full stop - 3117.8 = 36.2ft



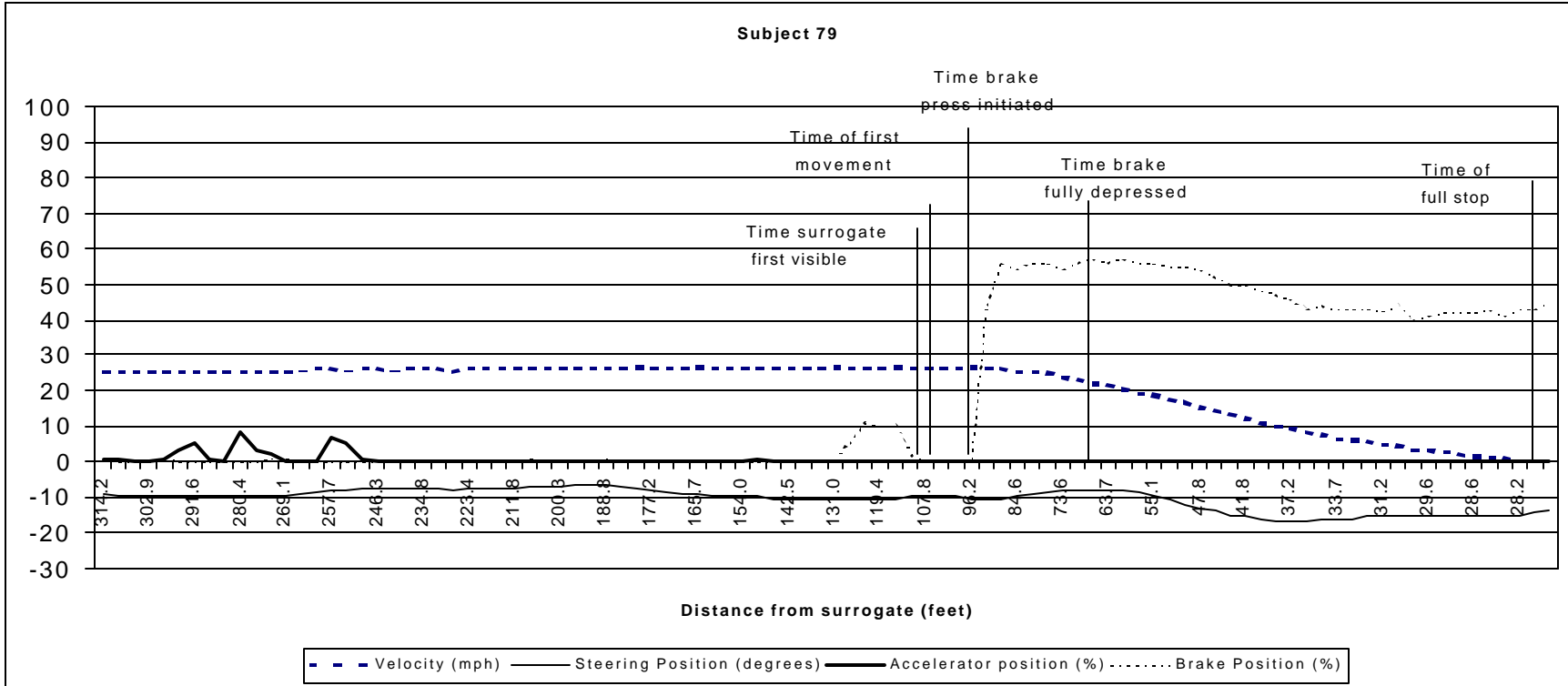
**Figure K-4. Subject 58, Strobe/No Steer**

Time surrogate first visible - 2918.8 = 149.2ft  
 Time of first movement - 2918.9 = 145.2ft  
 Time brake press initiated - 2919.4 = 125.4ft  
 Time brake fully depressed - 2920.5 = 83.3ft  
 Time of full stop - 2923.3 = 18.7ft



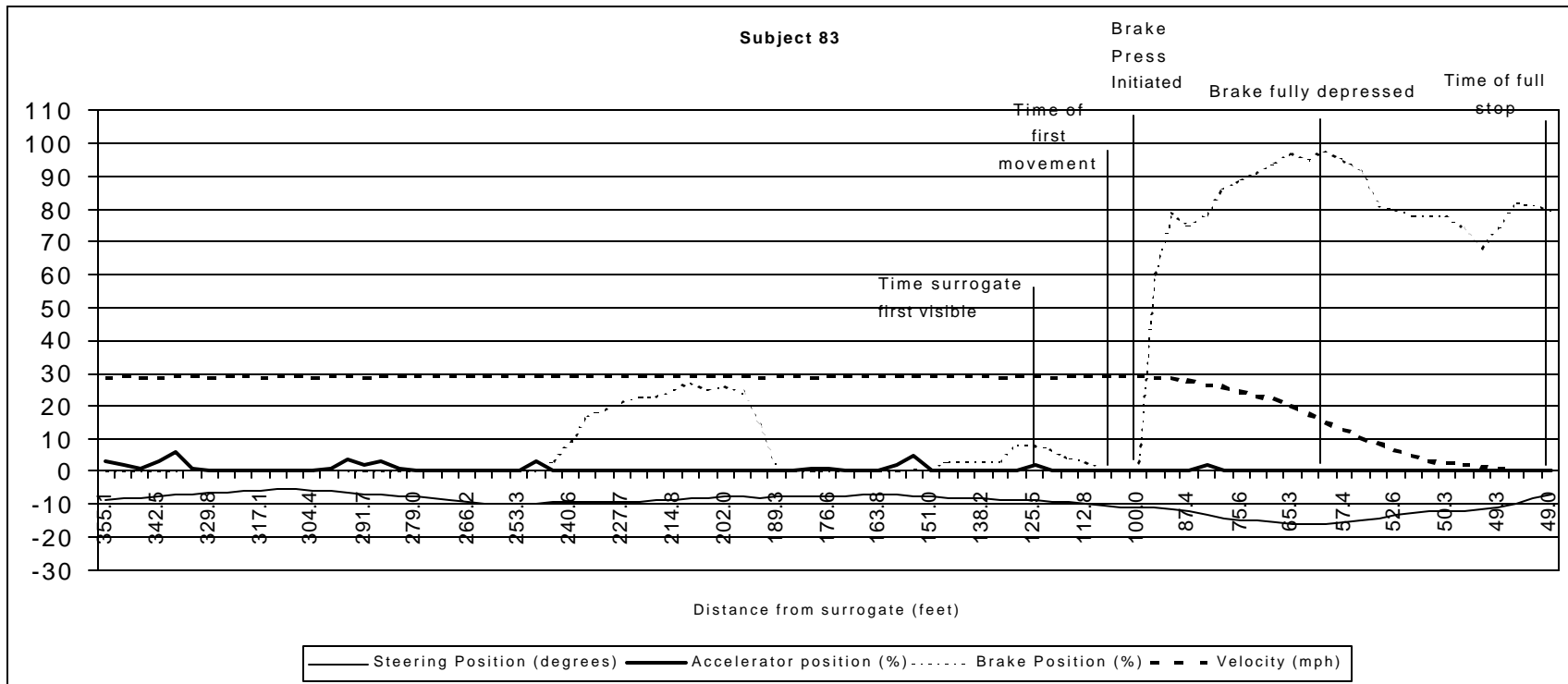
**Figure K-5: Subject 69, Strobe/No Steer**

Time surrogate first visible - 2927.7 = 124.4ft  
 Time of first movement - 2928.4 = 97.7ft  
 Time brake press initiated - 2928.6 (originally 2928.7) = 88.8ft  
 Time brake fully depressed - 2929 = 72.9ft  
 Time of full stop - 2932.8 = 15.5ft



**Figure K-6. Subject 79, Strobe/No steer**

Time surrogate first visible - 3060.8 = 123.2 ft  
 Time of first movement - 3061.3 = 103.9  
 Time brake press initiated - 3061.5 = 96.2 ft  
 Time brake fully depressed - 3062.3 = 66.9  
 Time of full stop - 3065.3 = 28.1



**Figure K-7. Subject 83, Strobe/No Steer**

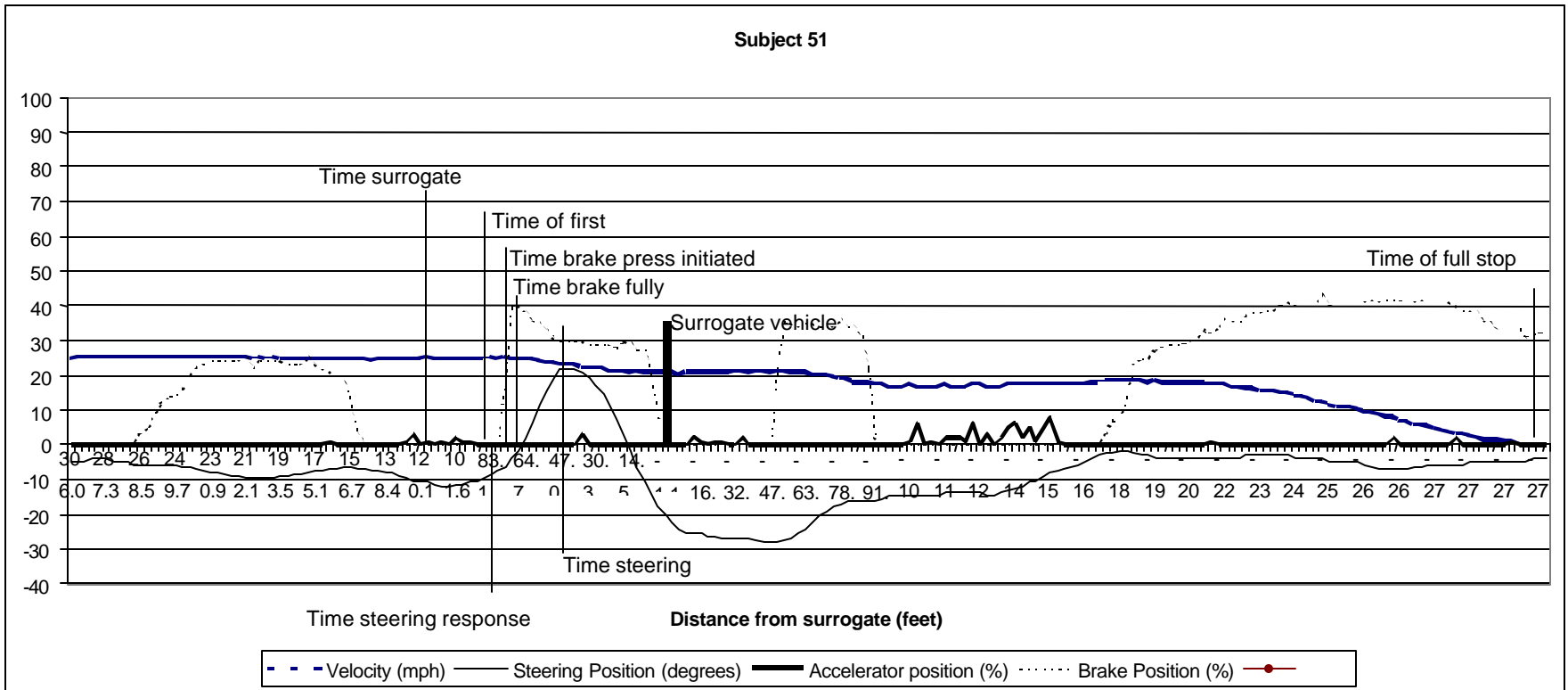
Time surrogate first visible - 3563.4 = 125.5 feet

Time of first movement - 3563.8 = 108.6 ft

Time brake press initiated - 3564 = 100 ft

Time brake fully depressed - 3565.1 = 59.7 ft

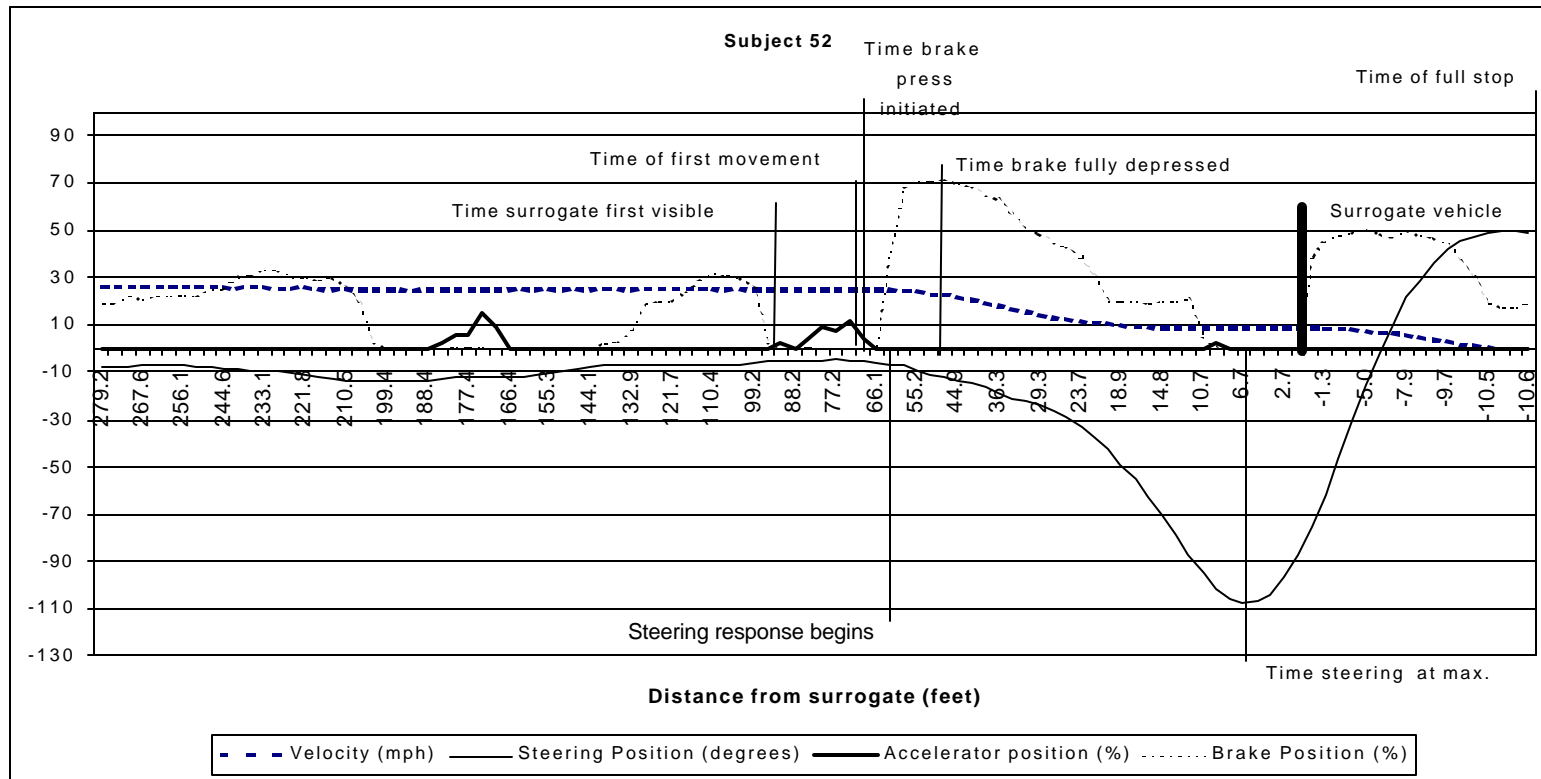
Time of full stop - 3566.4 = 49 feet



**Figure K-8. Subject 51, Strobe/Steer**

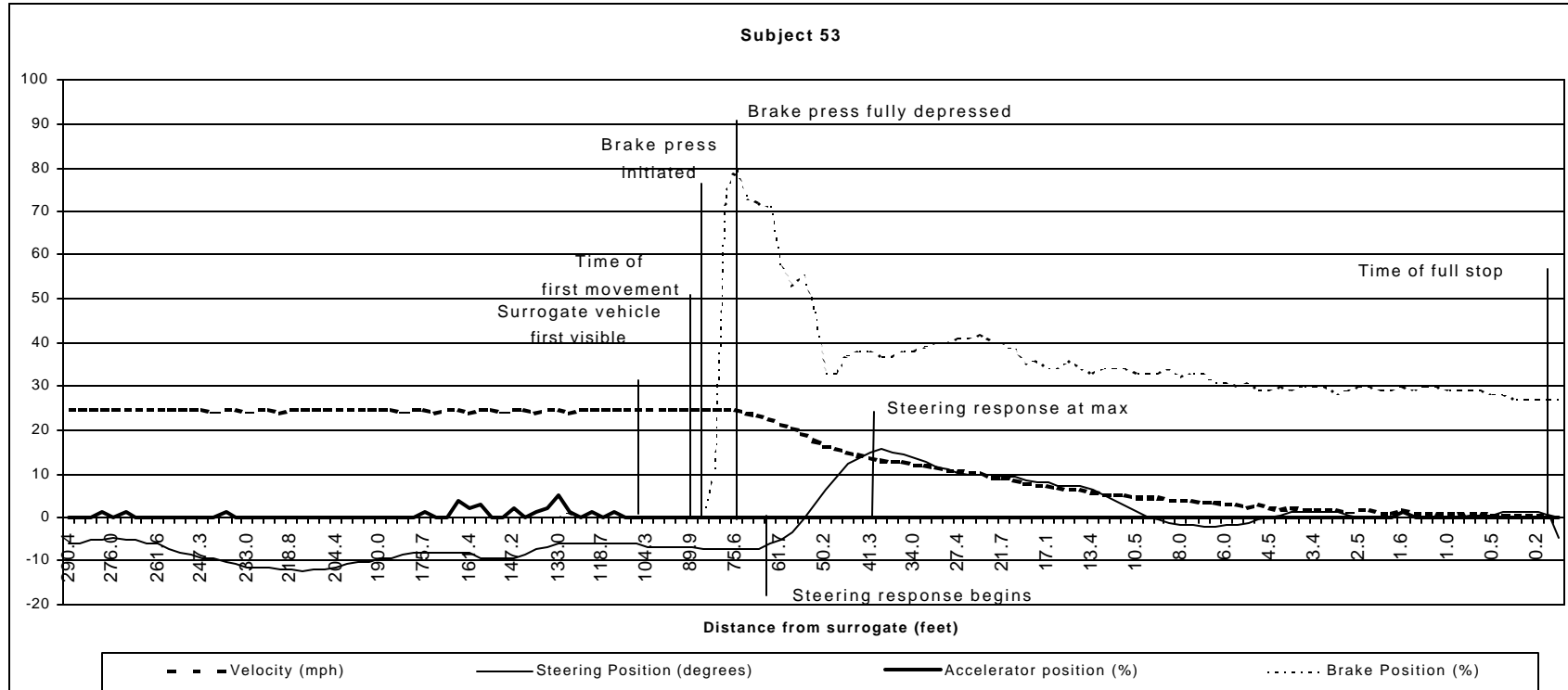
Time surrogate first visible - 3309.3 = 120ft  
 Time of first movement - 3310.2 = 86.9ft  
 Time brake press initiated - 3310.4 = 79.5ft  
 Time steering response begins - 3310.3 = 83.1ft  
 Time steering turned to max. angle - 3311.3 = 47ft  
 Time brake fully depressed - 3310.6 = 72ft  
 Time of full stop - 3325.4 = -278.4ft





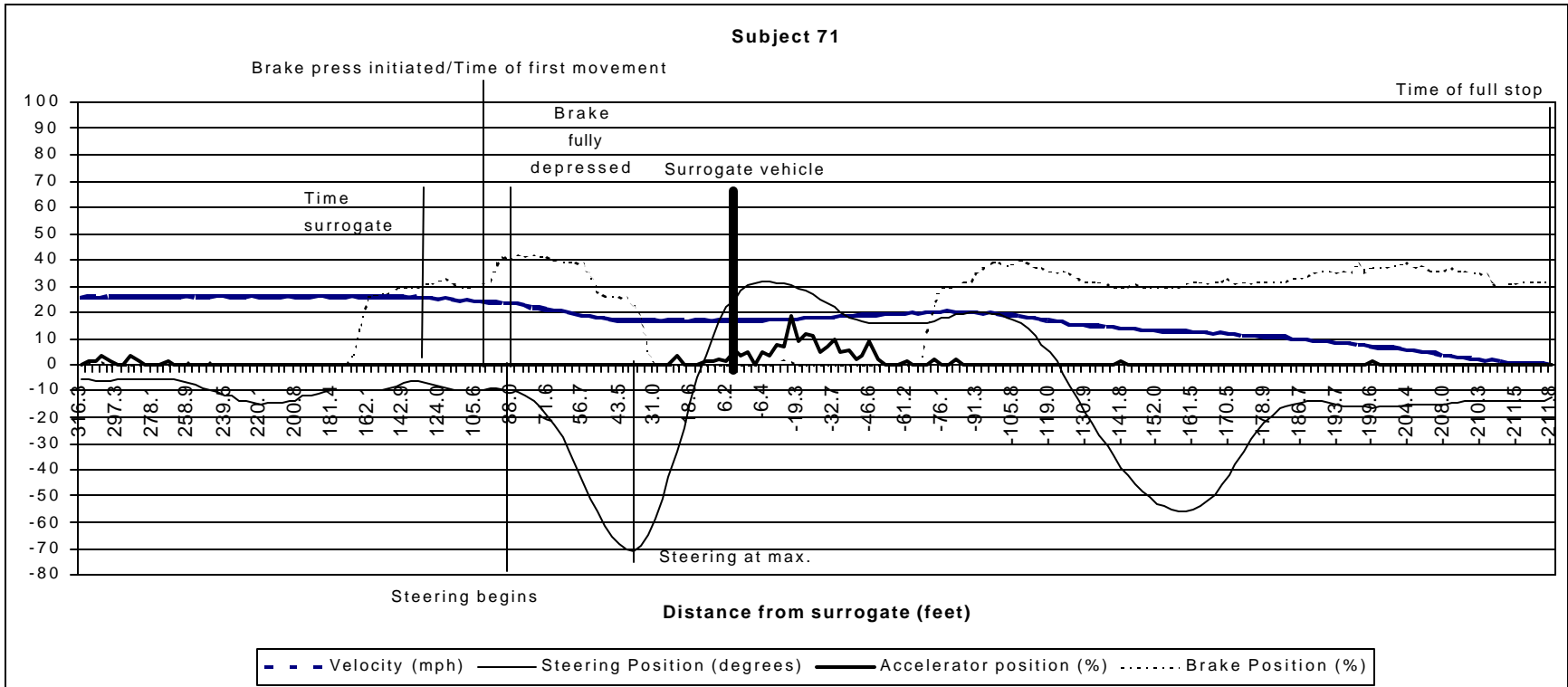
**Figure K-9. Subject 52, Strobe/Steer**

Time surrogate first visible - 3070 = 91.9ft  
 Time of first movement - 3070.6 = 69.8ft  
 Time brake press initiated - 3070.7 = 66.1ft  
 Time steering response begins - 3070.8 = 62.5ft  
 Time steering turned to max. angle - 3073.4 = 6.7ft  
 Time brake fully depressed - 3071.2 = 48.2ft  
 Time of full stop - 3075.5 = -10.6ft



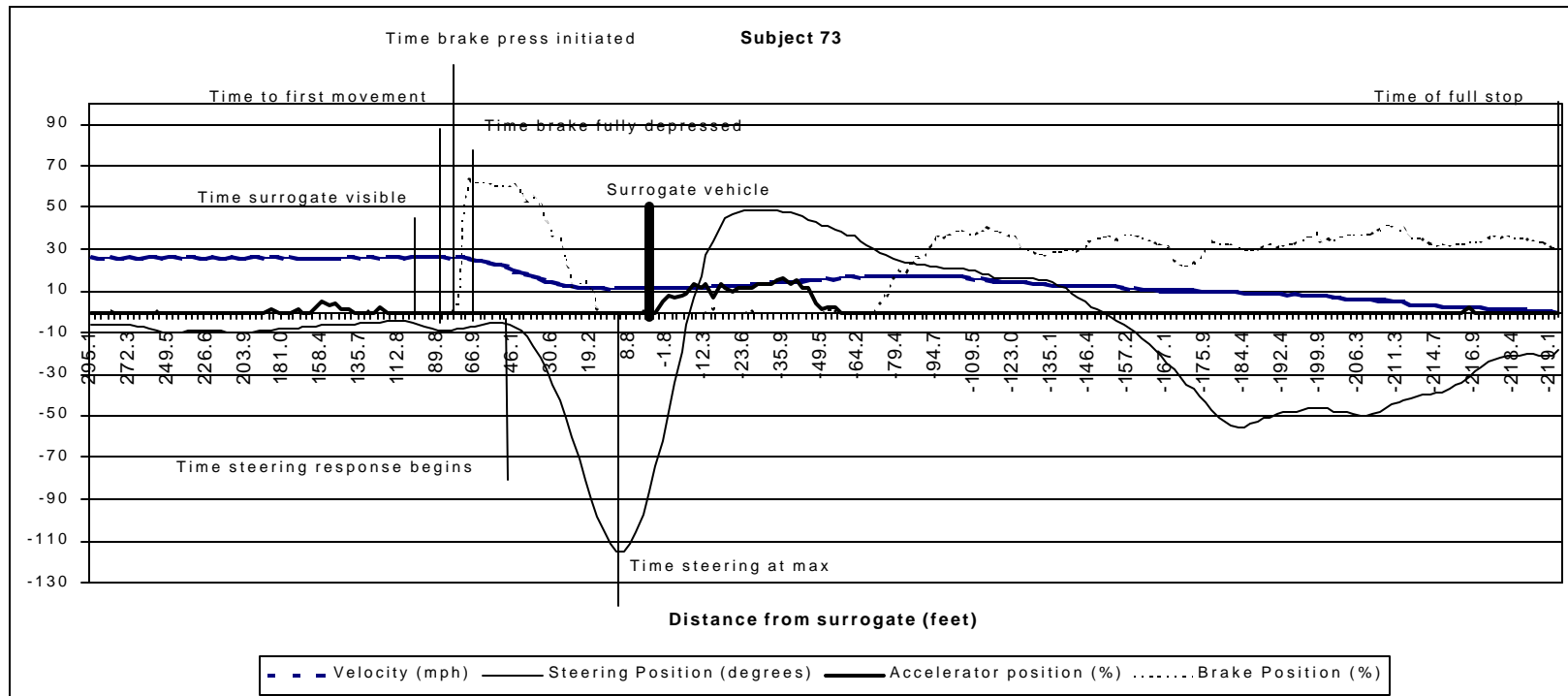
**Figure K-10. Subject 53, Strobe/Steer**

Time surrogate first visible - 3096.5 = 107.9feet  
 Time of first movement - 3097.0 = 89.9ft  
 Time brake press initiated - 3097.1 = 86.3ft  
 Time steering response begins - 3097.7 = 65ft  
 Time steering turned to max. angle - 3098.7 = 39.4ft  
 Time brake fully depressed - 3097.4 = 75.6ft  
 Time of full stop - 3104.8 = 0.1ft



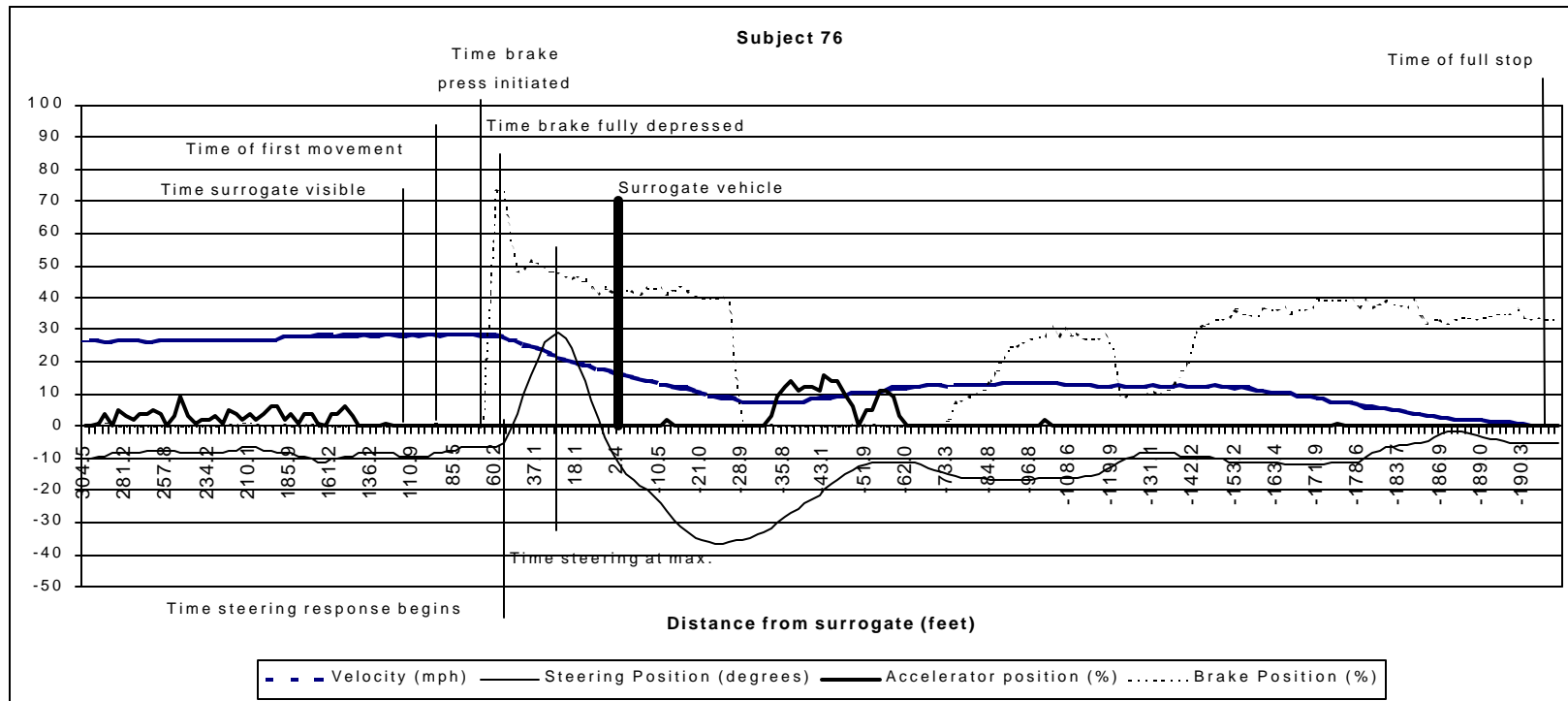
**Figure K-11. Subject 71, Strobe/Steer**

Time surrogate first visible - 2502.5 = 124ft  
 Time of first movement - 2503.3 = 94.9ft  
 Time brake press initiated - 2503.3 = 94.9  
 Time steering response begins - 2503.5 = 88ft  
 Time steering turned to max. angle - 2505.2 = 38.5ft  
 Time brake fully depressed - 2503.6 = 84.6ft  
 Time of full stop - 2518 = -211.8



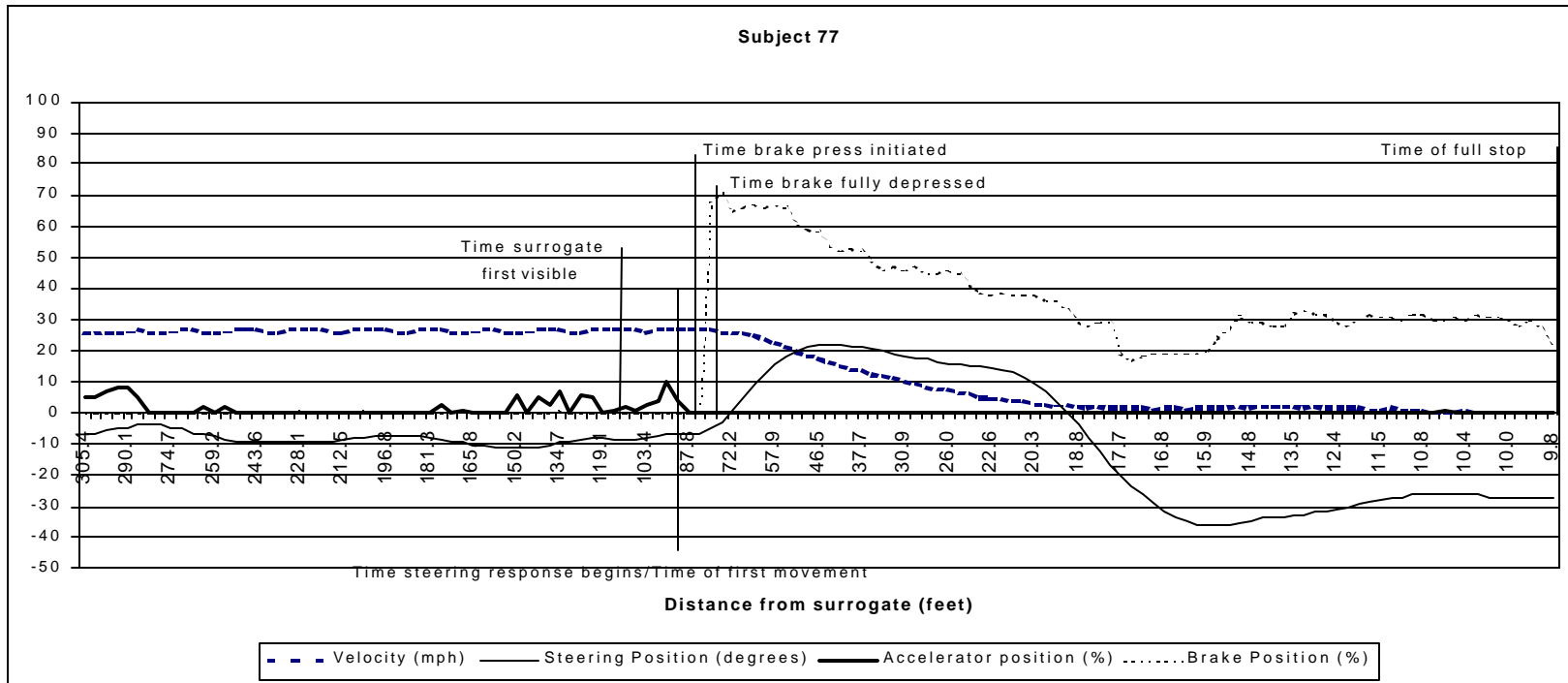
**Figure K-12. Subject 73, Strobe/Steer**

Time surrogate first visible - 3321.7 = 105.2ft  
 Time of first movement - 3322.1 = 89.8ft  
 Time brake press initiated - 3322.4 = 78.4ft  
 Time steering response begins - 3323.2 = 49.3ft  
 Time steering turned to max. angle - 3324.9 = 12.3ft  
 Time brake fully depressed - 3322.6 = 70.7ft  
 Time of full stop - 3339.6 = -219.1ft



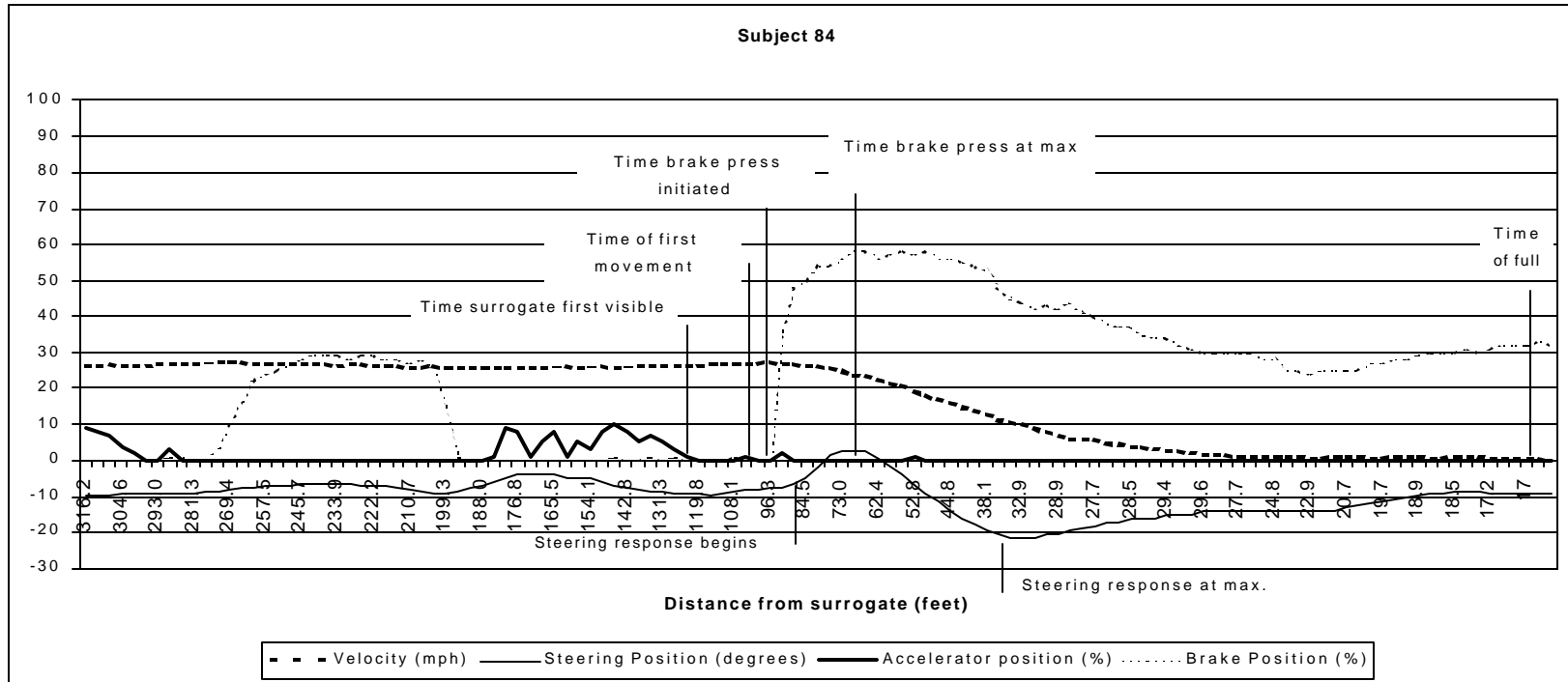
**Figure K-13. Subject 76, Strobe/Steer**

Time surrogate first visible - 3098.4 = 102.5ft  
 Time of first movement - 3098.9 = 81.3ft  
 Time brake press initiated - 3099.2 = 68.6ft  
 Time steering response begins - 3099.5 = 56.1ft  
 Time steering turned to max. angle - 3100.3 = 27.1ft  
 Time brake fully depressed - 3099.4 = 60.2ft  
 Time of full stop - 3114.9 = -190.7ft



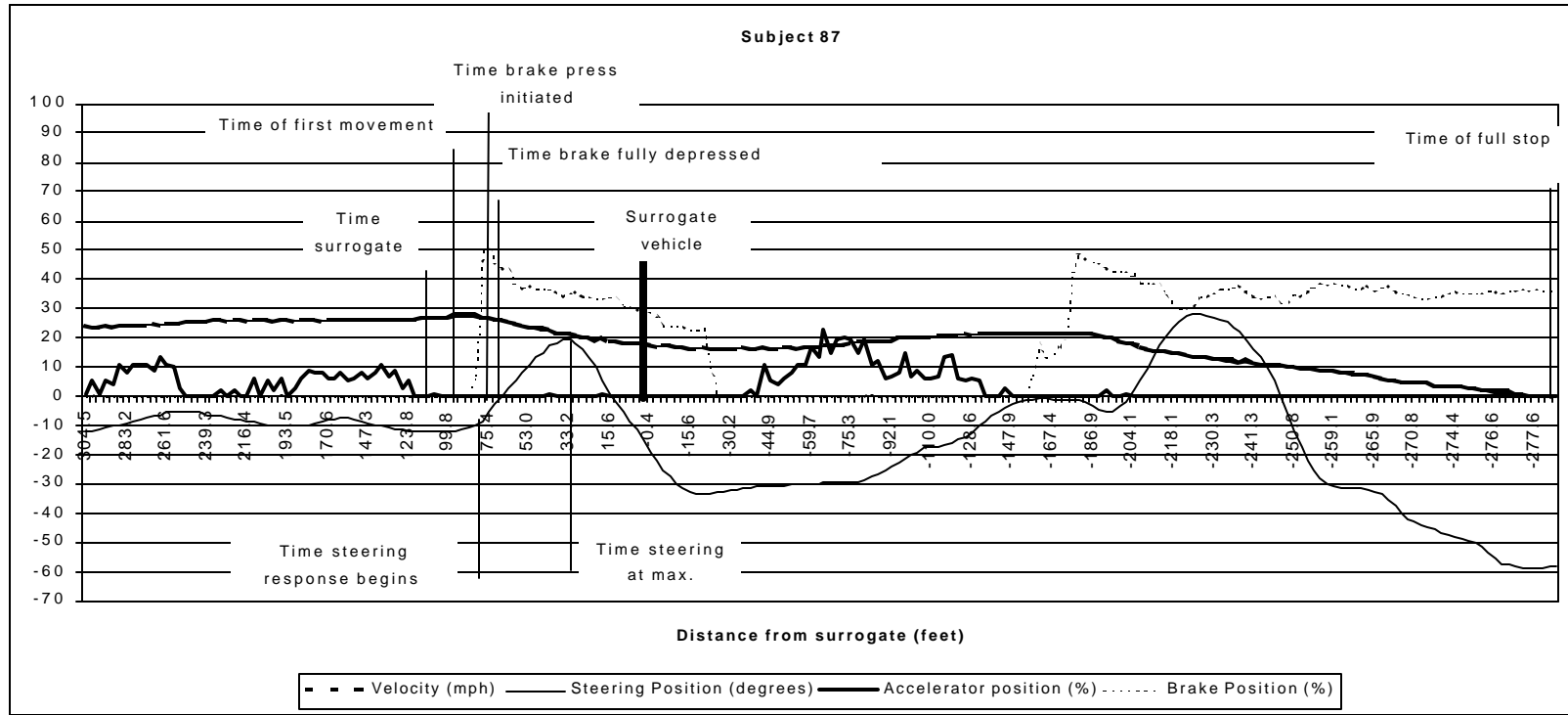
**Figure K-14. Subject 77, Strobe/Steer**

Time surrogate first visible - 3009.3 = 111.3ft  
 Time of first movement - 3009.9 = 87.8ft  
 Time brake press initiated - 3010 = 83.9ft  
 Time steering response begins - 3009.9 = 87.8ft  
 Time steering turned to max. angle - 3014.6 = 16.1ft  
 Time brake fully depressed - 3010.2 = 76ft  
 Time of full stop - 3017.9 = 9.8ft



**Figure K-15. Subject 84, Strobe/Steer**

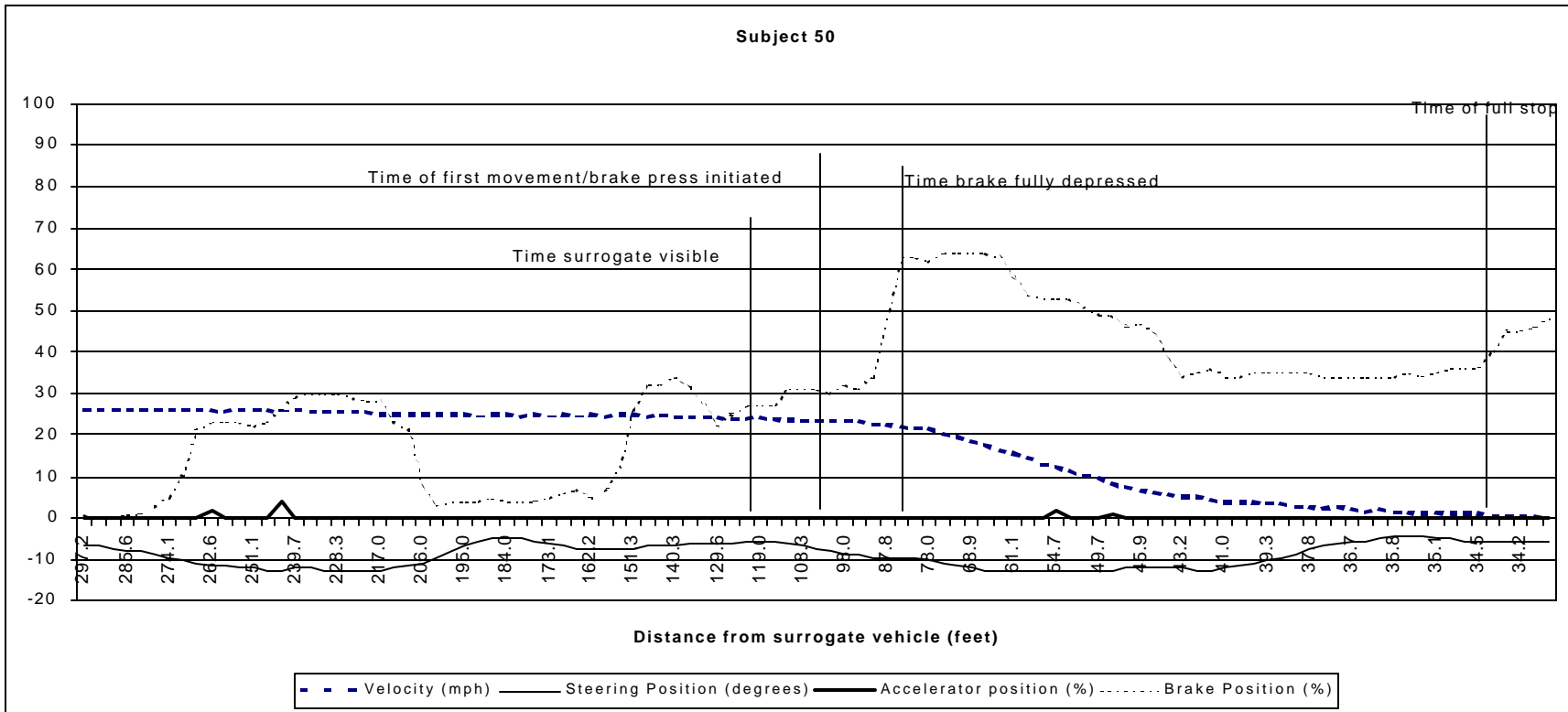
- Time surrogate first visible - 2532.1 = 123.6 ft
- Time of first movement - 2532.7 = 100.2 ft
- Time brake press initiated - 2532.8 = 96.3 ft
- Time steering response begins - 2533 = 88.4ft
- Time steering turned to max. angle - 2534.8 = 34.5ft
- Time brake fully depressed - 2533.5 = 69.3 ft
- Time of full stop - 2539.3 = 17.0 ft



**Figure K-16. Subject 87, Strobe/Steer**

Time surrogate first visible - 3185.0 = 115.9 ft  
 Time of first movement - 3185.5 = 95.7 ft  
 Time brake press initiated - 3185.8 = 83.4 ft  
 Time steering response begins - 3185.9 = 79.4ft  
 Time steering turned to max. angle - 3187.1 = 36.3ft  
 Time brake fully depressed - 3185.9 = 79.4 ft  
 Time of full stop - 3201.9 = -277.8 ft





**Figure K-17. Subject 50, No Strobe/No Steer**

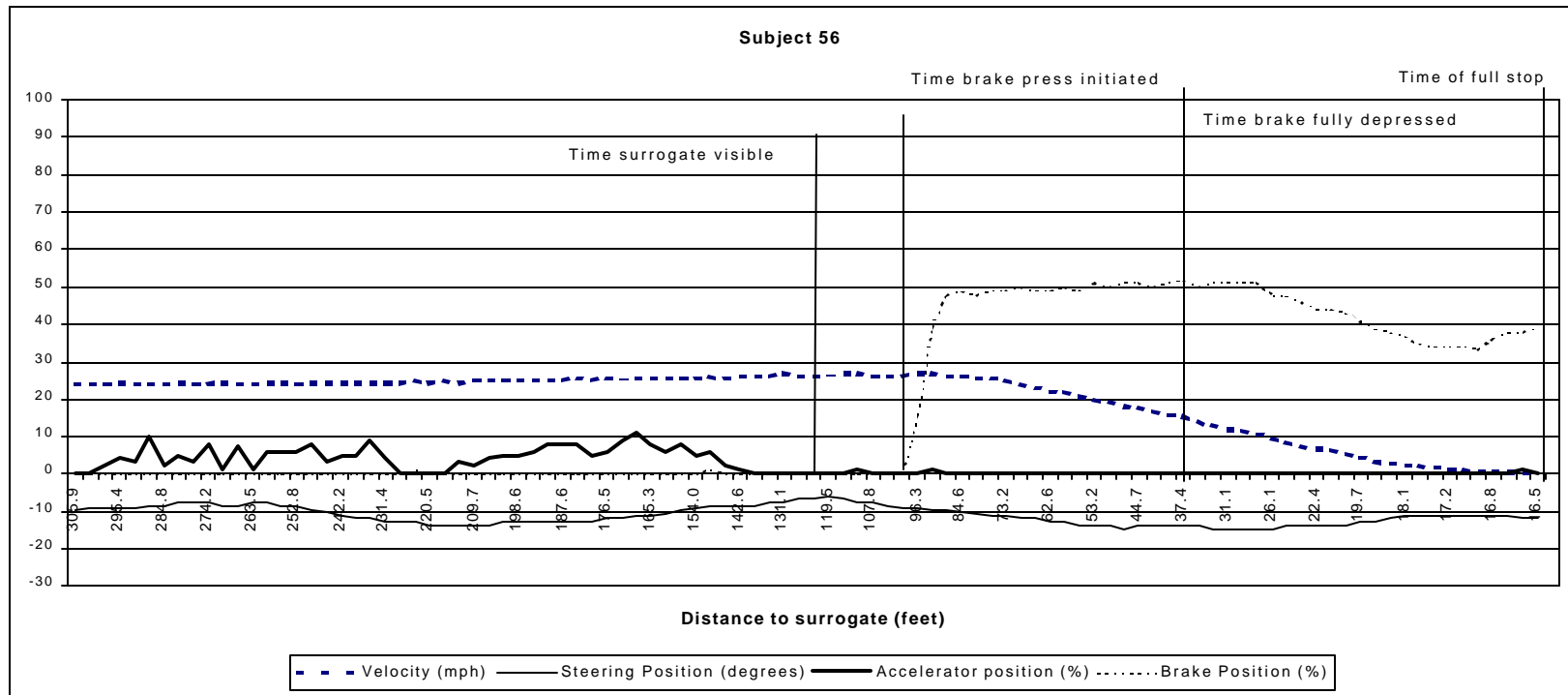
Time surrogate first visible - 3057.5 = 111.9ft

Time to first movement - 3058.0 = 94.6ft

Time brake press initiated - 3058.0 = 94.6ft

Time brake fully depressed - 3058.6 = 74.8ft

Time of full stop - 3062.9 = 34ft



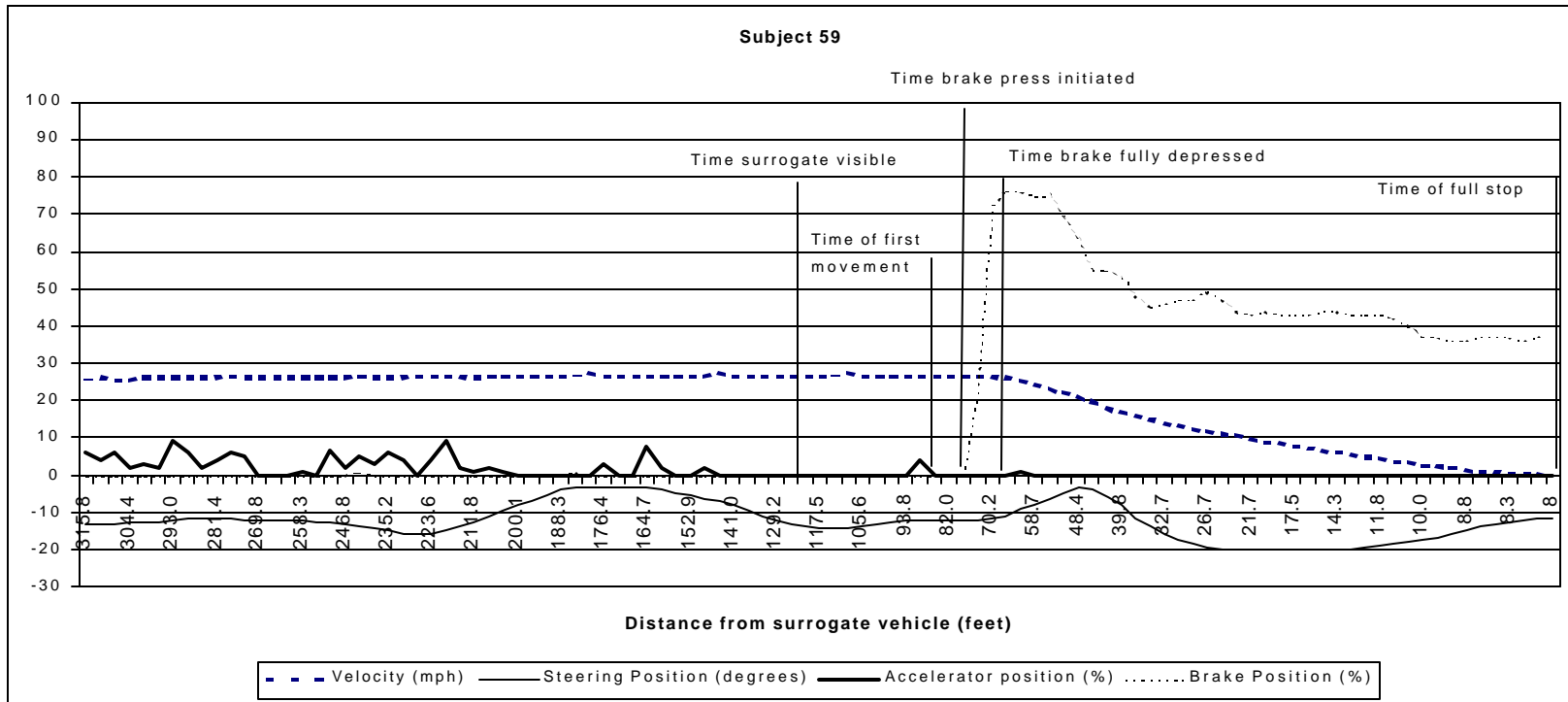
**Figure K-18. Subject 56. No Strobe/No Steer**

Time surrogate first visible - 2978.9 = 123.4ft

Time to first movement - 2979.5 = 100.1ft

Time brake fully depressed - 2981.4 = 37.4ft

Time of full stop - 2983.8 = 16.5ft



**Figure K-19. Subject 59, No Strobe/No Steer**

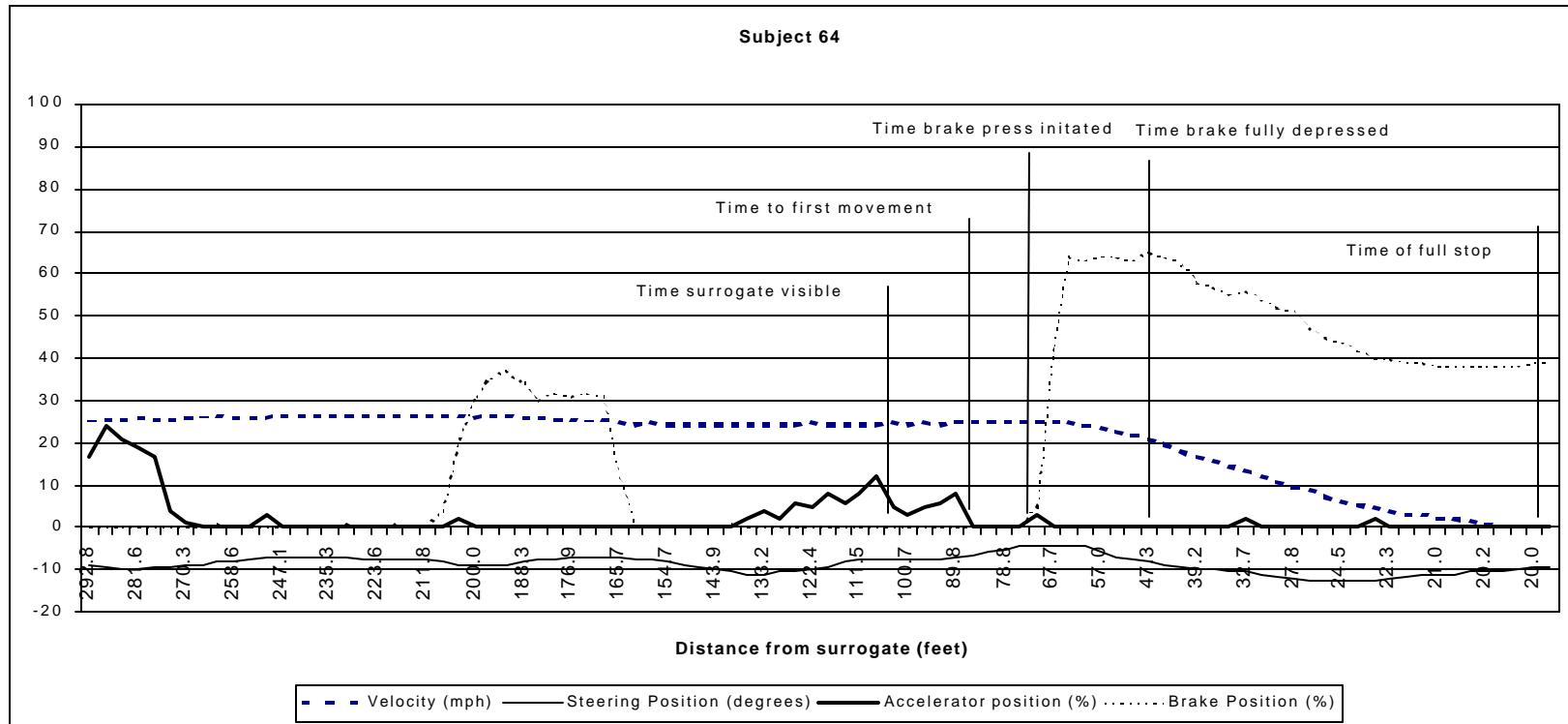
Time surrogate first visible - 3003.6 = 121.4ft

Time to first movement - 3004.5 = 86ft

Time brake press initiated - 3004.7 = 78ft

Time brake fully depressed - 3005 = 66.3ft

Time of full stop - 3008.8 = 8ft



**Figure K-20. Subject 64, No Strobe/No Steer**

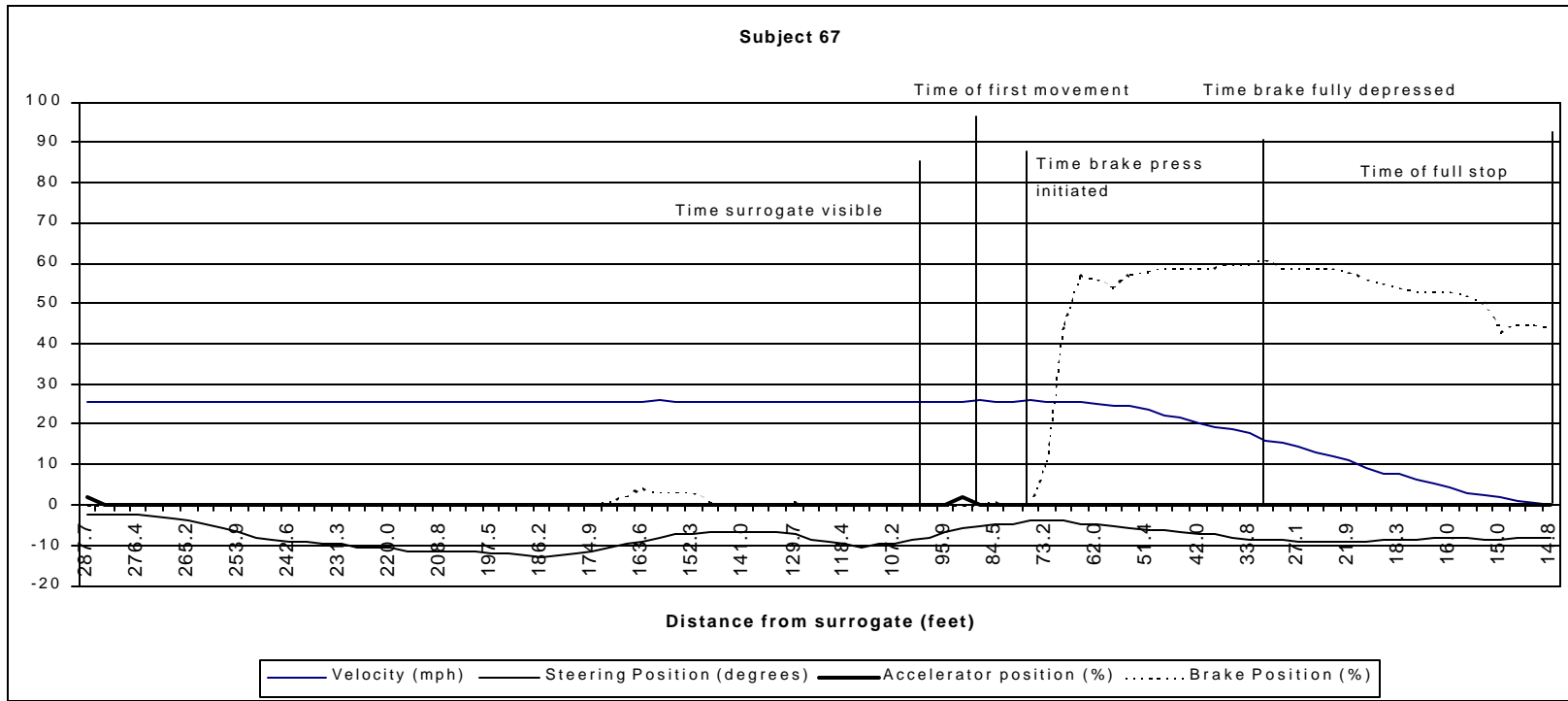
Time surrogate first visible - 3442.4 = 104.3ft

Time to first movement - 3442.9 = 86.1ft

Time brake press initiated - 3443.2 = 75.1ft

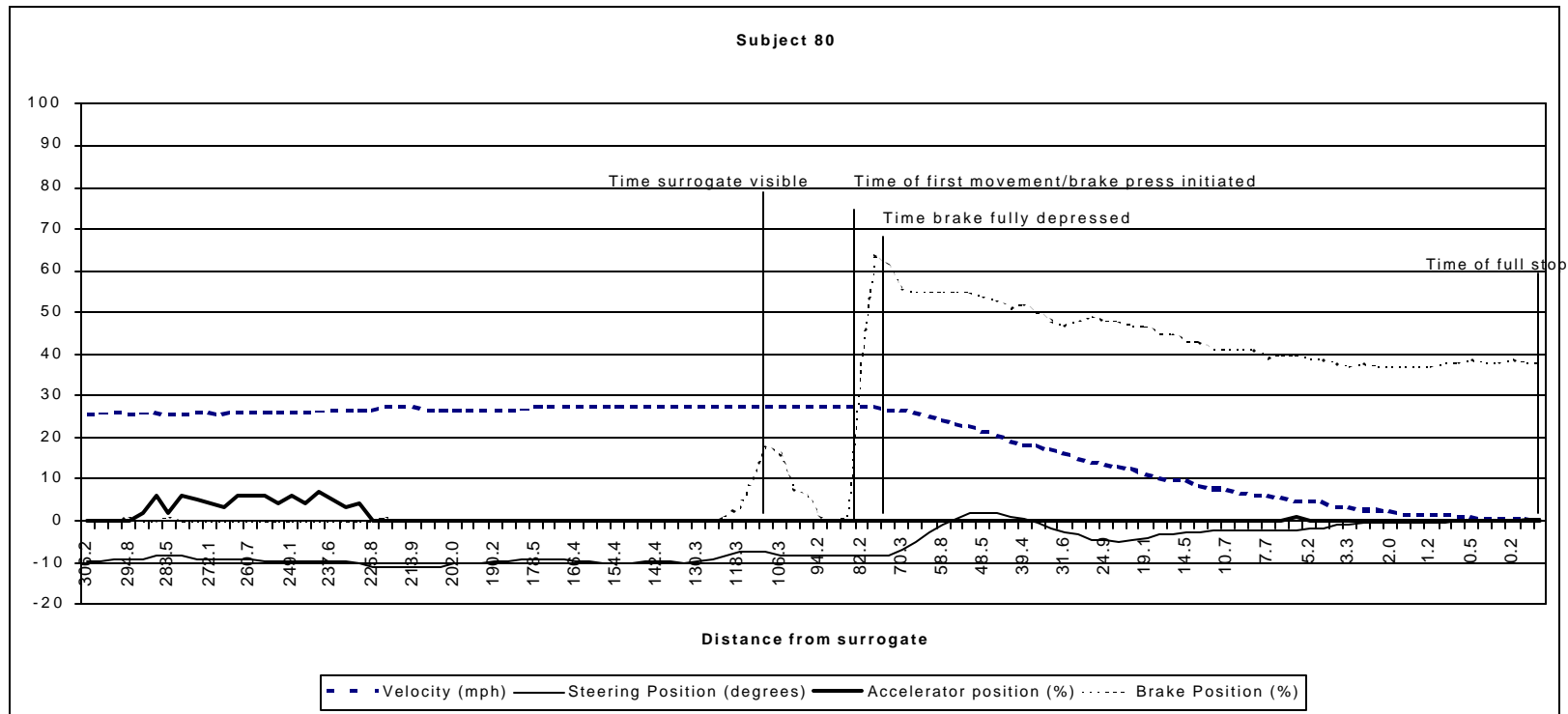
Time brake fully depressed - 3444 = 47.3ft

Time of full stop - 3446.5 = 20ft



**Figure K-21. Subject 67, No Strobe/No Steer**

Time surrogate first visible - 3402.3 = 99.6ft  
 Time to first movement - 3402.6 = 88.4ft  
 Time brake press initiated - 3403.0 = 73.2ft  
 Time brake fully depressed - 3404.3 = 31.5ft  
 Time of full stop - 3406 = 14.8ft



**Figure K-22. Subject 80, No Strobe/No Steer**

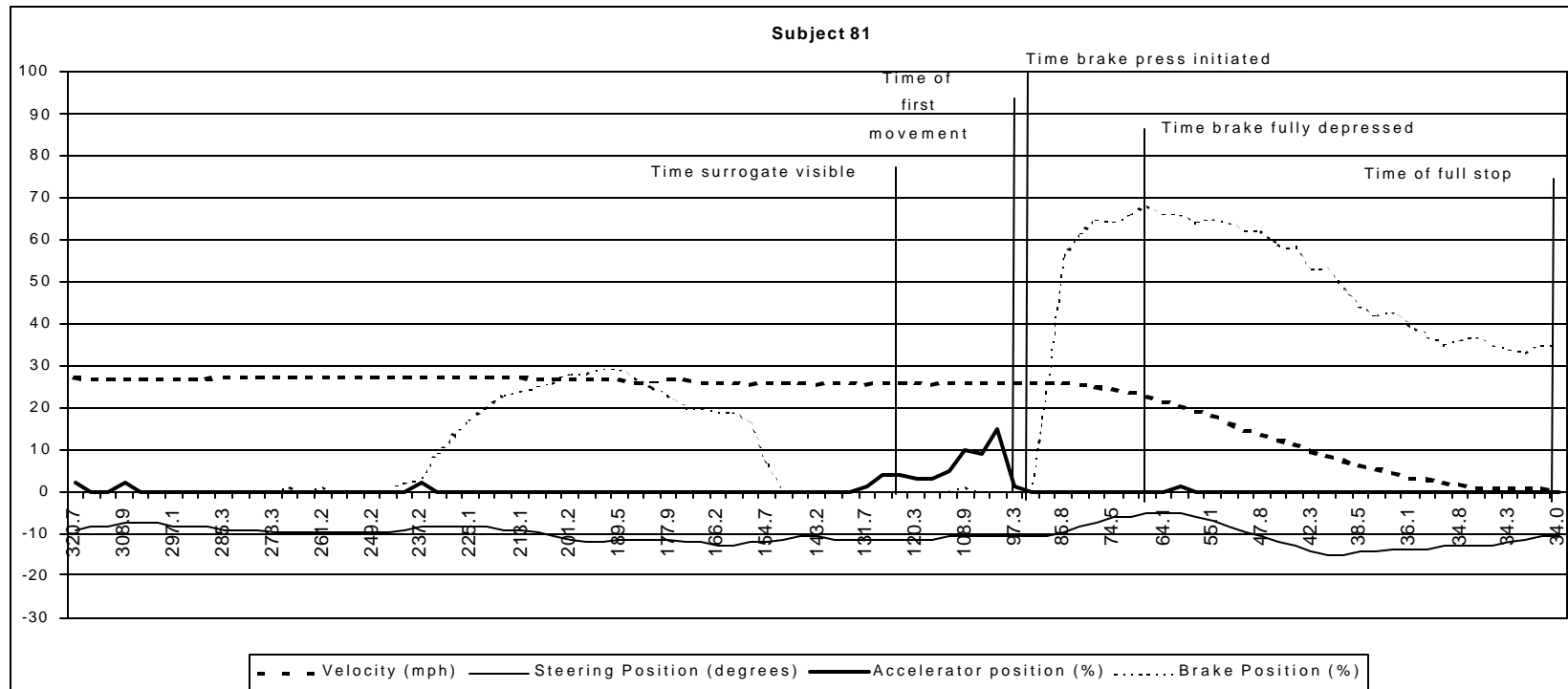
Time surrogate first visible - 3048.7 = 110.3ft

Time to first movement - 3049.3 = 86.2ft

Time brake press initiated - 3049.3 = 86.2ft

Time brake fully depressed - 3049.5 = 78.2ft

Time of full stop - 3054.4 = 0ft



**Figure K-23. Subject 81, No Strobe/No Steer**

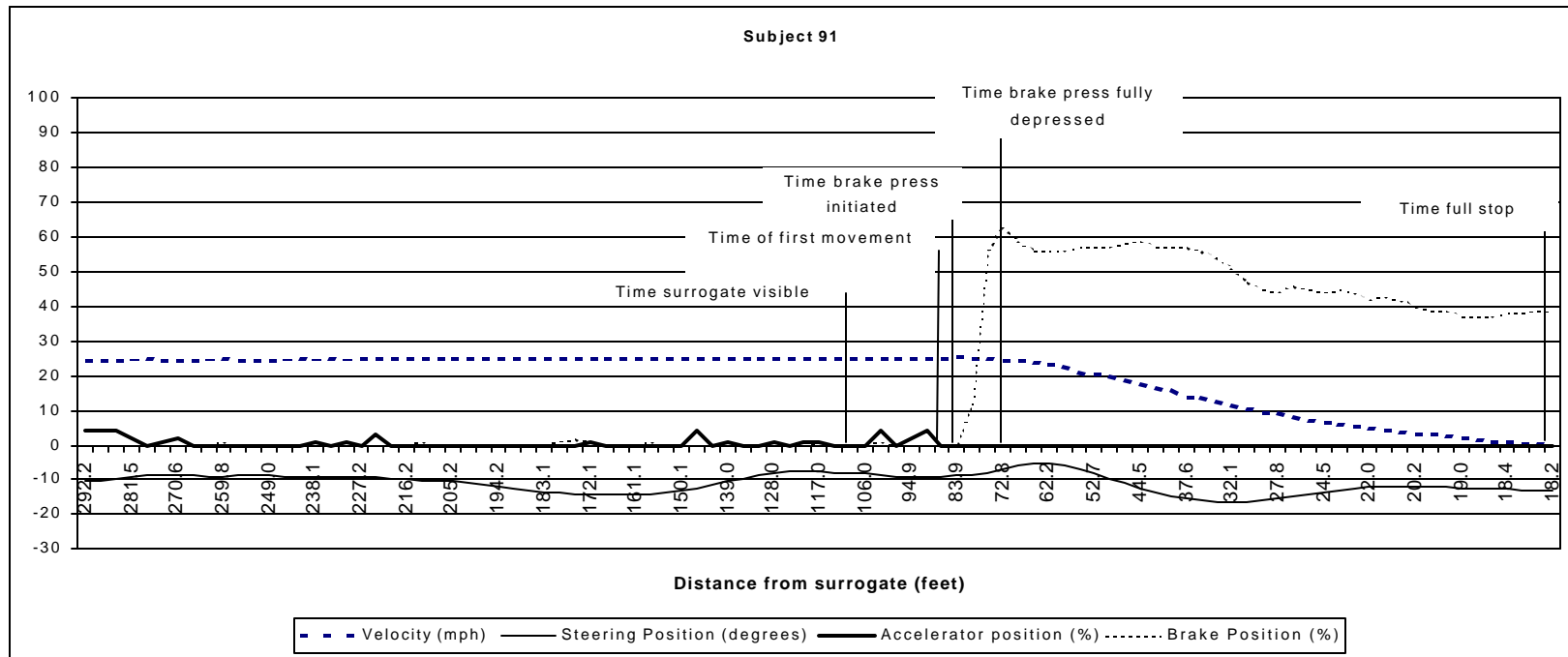
Time surrogate first visible - 3017.4 = 124.1ft

Time to first movement - 3018.1 = 97.3ft

Time brake press initiated - 3018.2 = 93.5ft

Time brake fully depressed - 3018.9 = 67.4ft

Time of full stop - 3021.4 = 34ft



**Figure K-24. Subject 91, No Strobe/No Steer**

Time surrogate first visible - 3665.2 = 109.6 ft

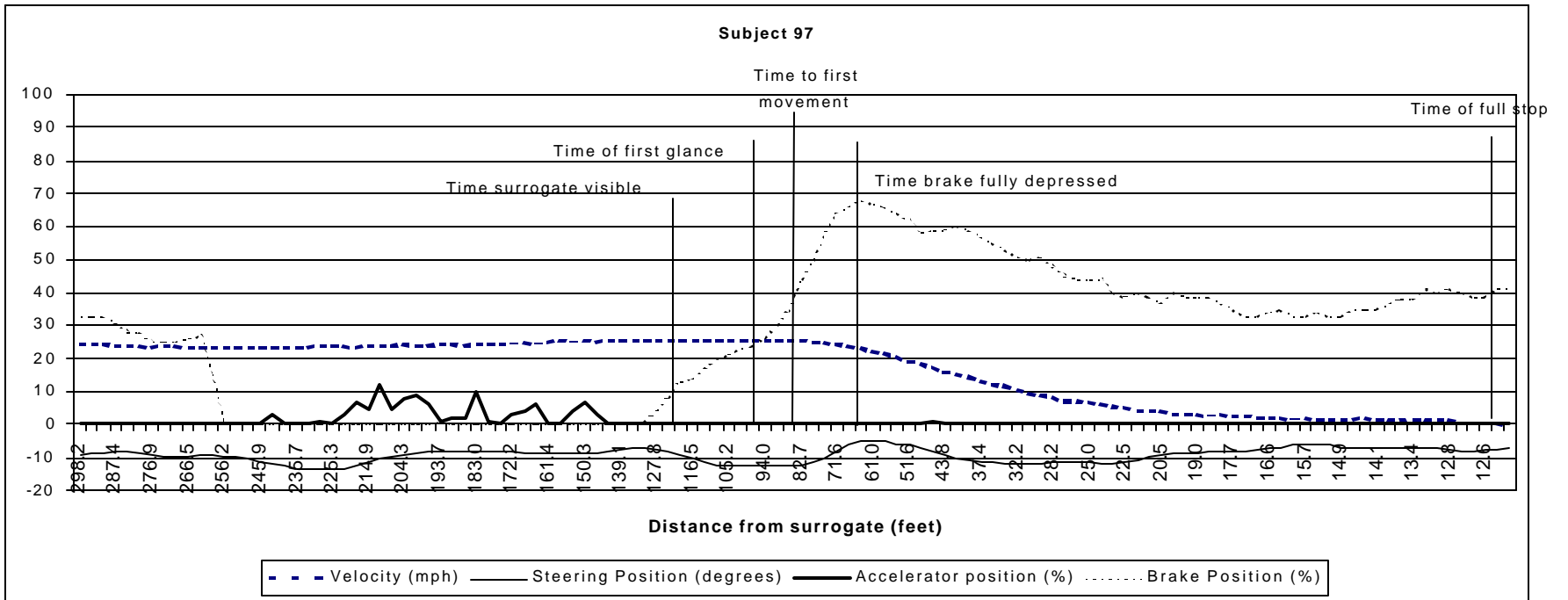
Time of first movement - 3665.8 = 87.6 ft

Time brake press initiated - 3665.9 = 83.9 ft

Time brake fully depressed - 3666.2 = 72.8 ft

Time of full stop - 3669.8 = 18.2 ft





**Figure K-25. Subject 97, No Strobe/No Steer**

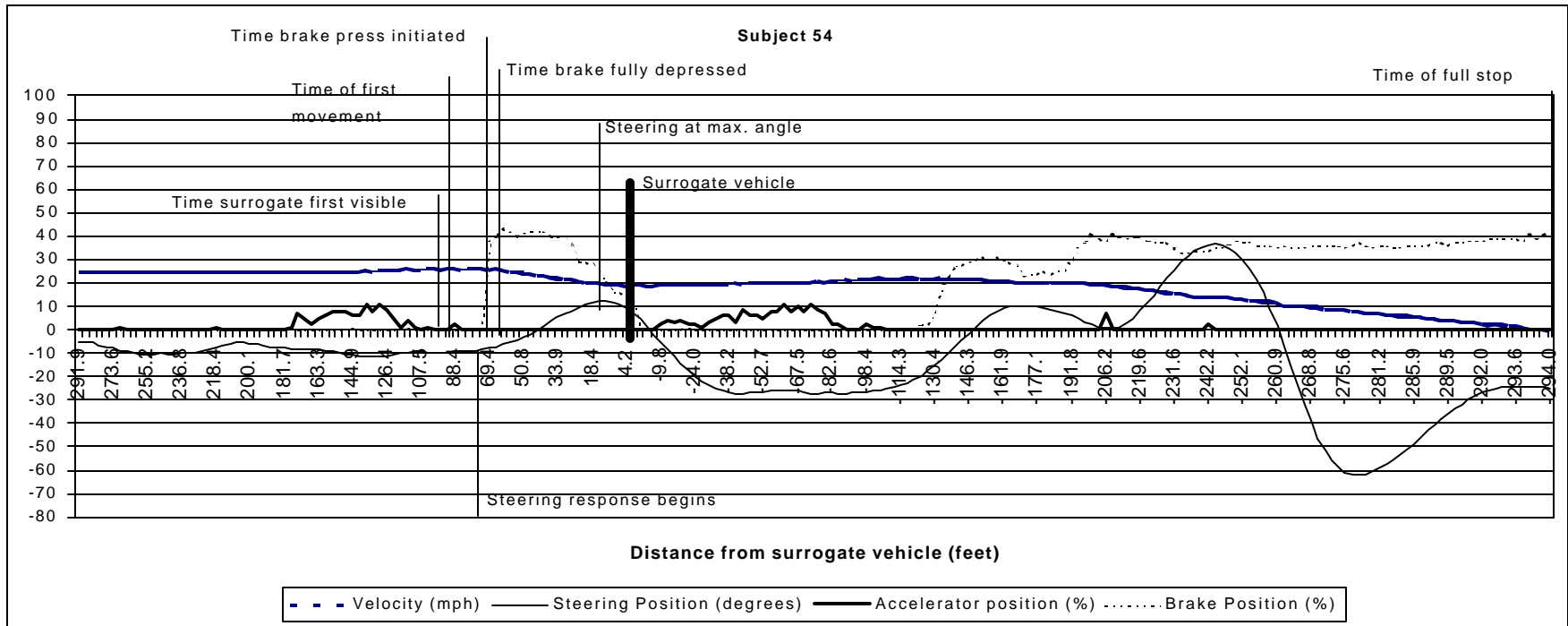
Time surrogate first visible - 3157.7 = 120.3ft

Time to first glance - 3158.4 = 94ft

Time to first movement - 3158.7 = 82.7ft

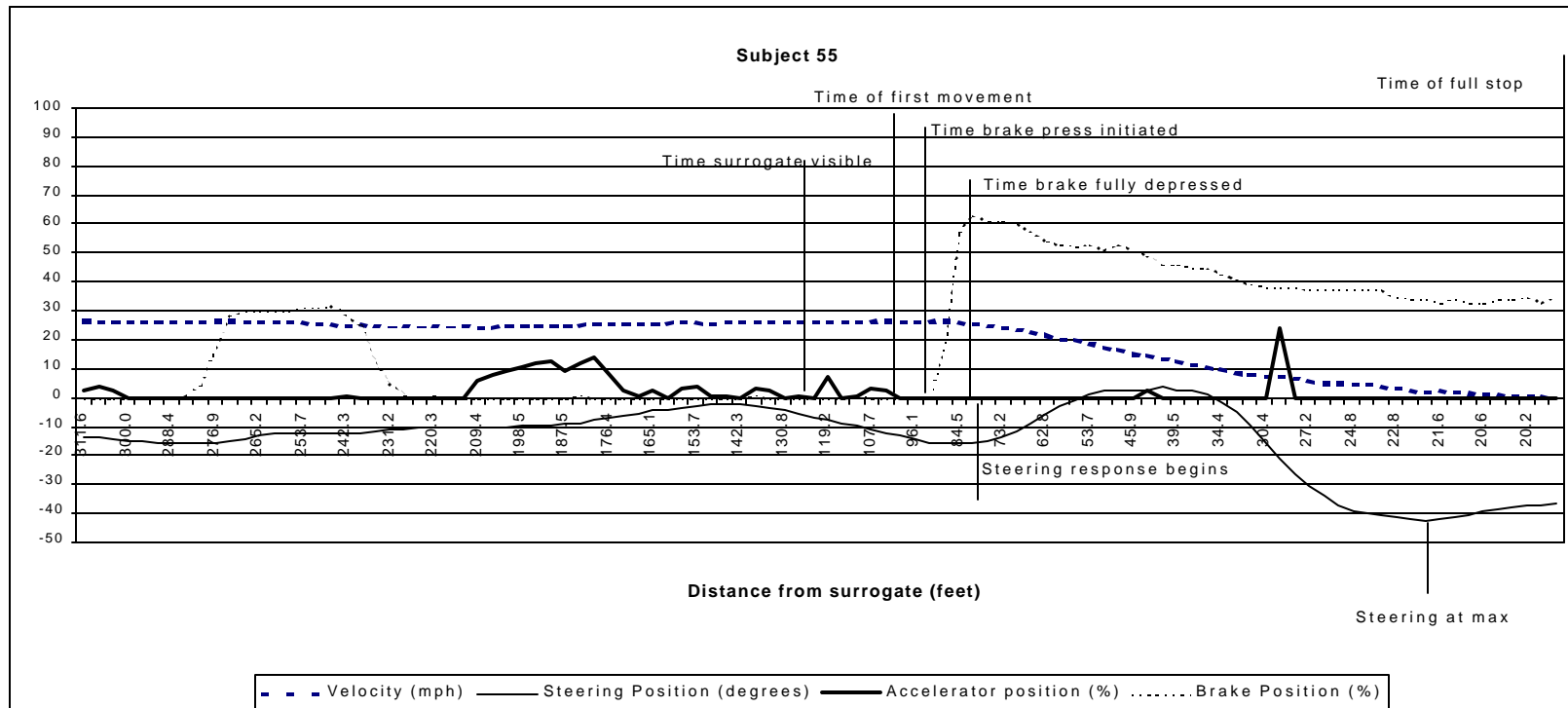
Time brake fully depressed - 3159.2 = 64.5ft

Time of full stop - 3164.6 = 12.5ft



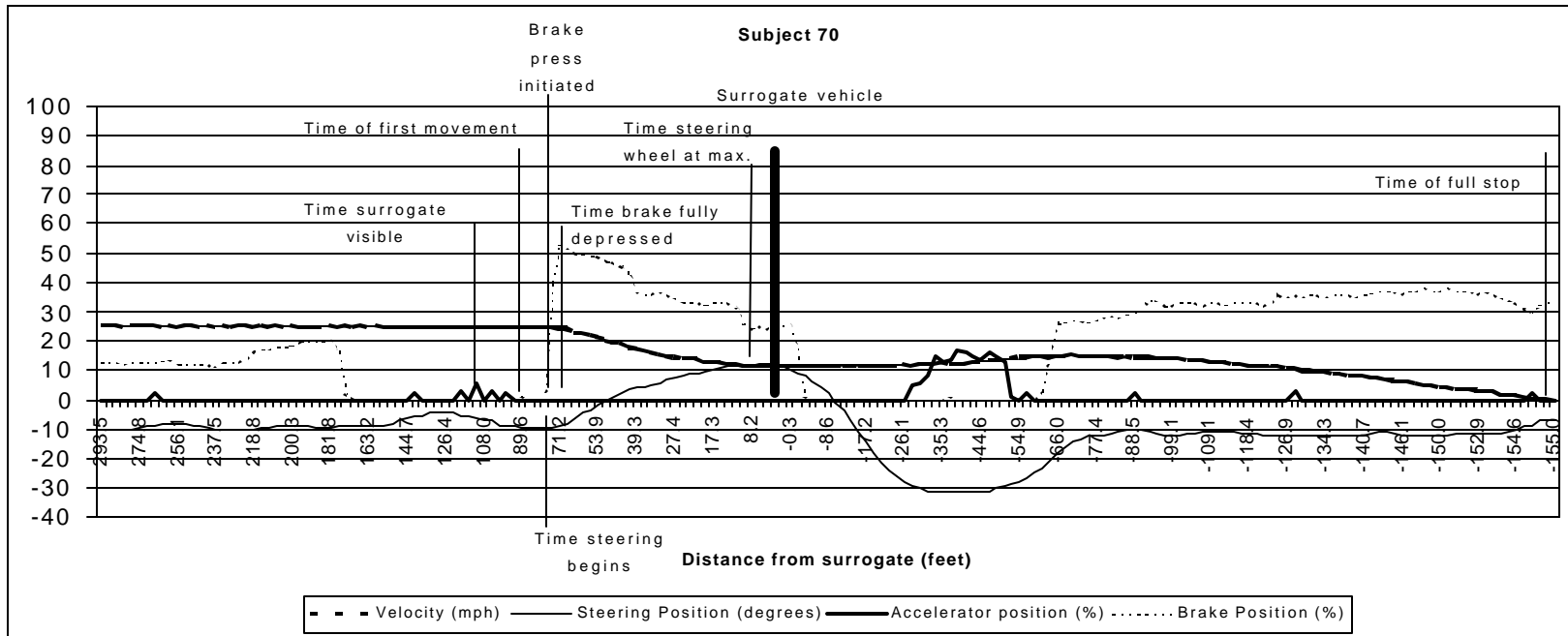
**Figure K-26. Subject 54, No Strobe/Steer**

Time surrogate first visible - 3043.3 = 107.5ft  
 Time to first movement - 3043.9 = 84.6ft  
 Time brake press initiated - 3044.1 = 77ft  
 Time steering response begins - 3044.2 = 73.2ft  
 Time steering turned to max. angle - 3045.9 = 15.5ft  
 Time brake fully depressed - 3044.5 = 61.8ft  
 Time of full stop - 3059.8 = -294.0ft



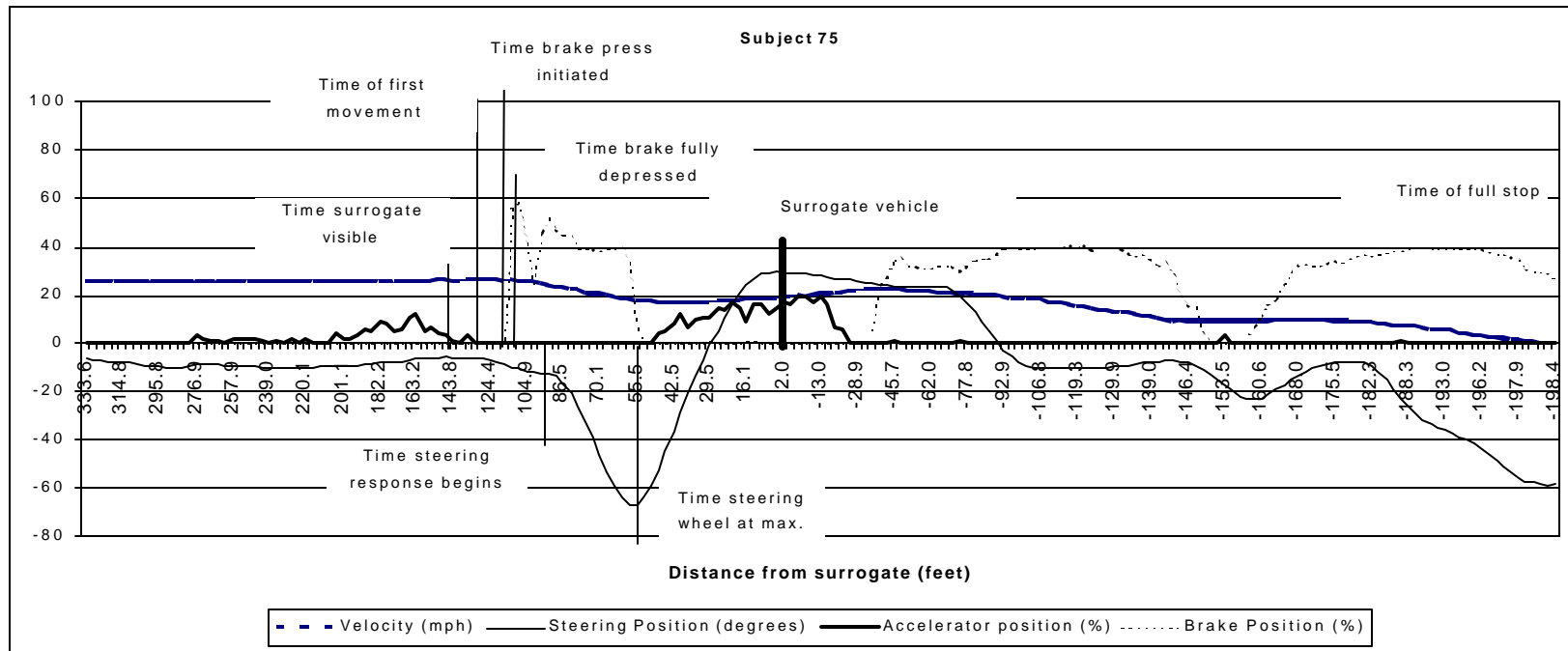
**Figure K-27. Subject 55, No Strobe/Steer**

- Time surrogate first visible - 3050.1 = 123.1ft
- Time to first movement - 3050.7 = 100ft
- Time brake press initiated - 3050.9 = 92.3ft
- Time steering response begins - 3051.2 = 80.7ft
- Time steering turned to max. angle - 3054.3 = 21.9ft
- Time brake fully depressed - 3051.2 = 80.7ft
- Time of full stop - 3055.2 = 20ft



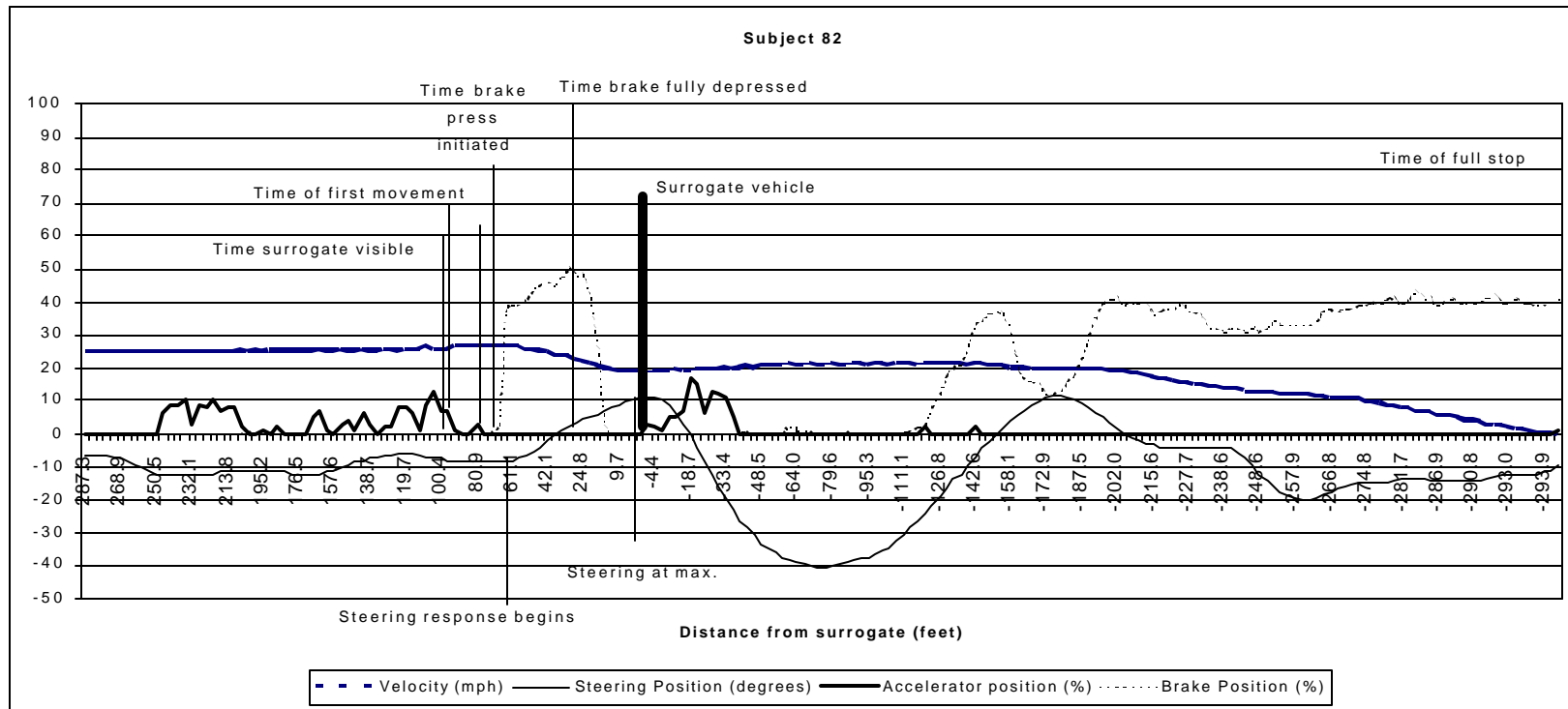
**Figure K-28. Subject 70, No Strobe/Steer**

- Time surrogate first visible - 3010.9 = 108ft
- Time to first movement - 3011.4 = 89.6ft
- Time brake press initiated - 3011.7 = 78.6ft
- Time steering response begins - 3011.9 = 71.2ft
- Time steering turned to max. angle - 3014.5 = 6.5ft
- Time brake fully depressed - 3011.9 = 71.2ft
- Time of full stop - 3024.9 = -155ft



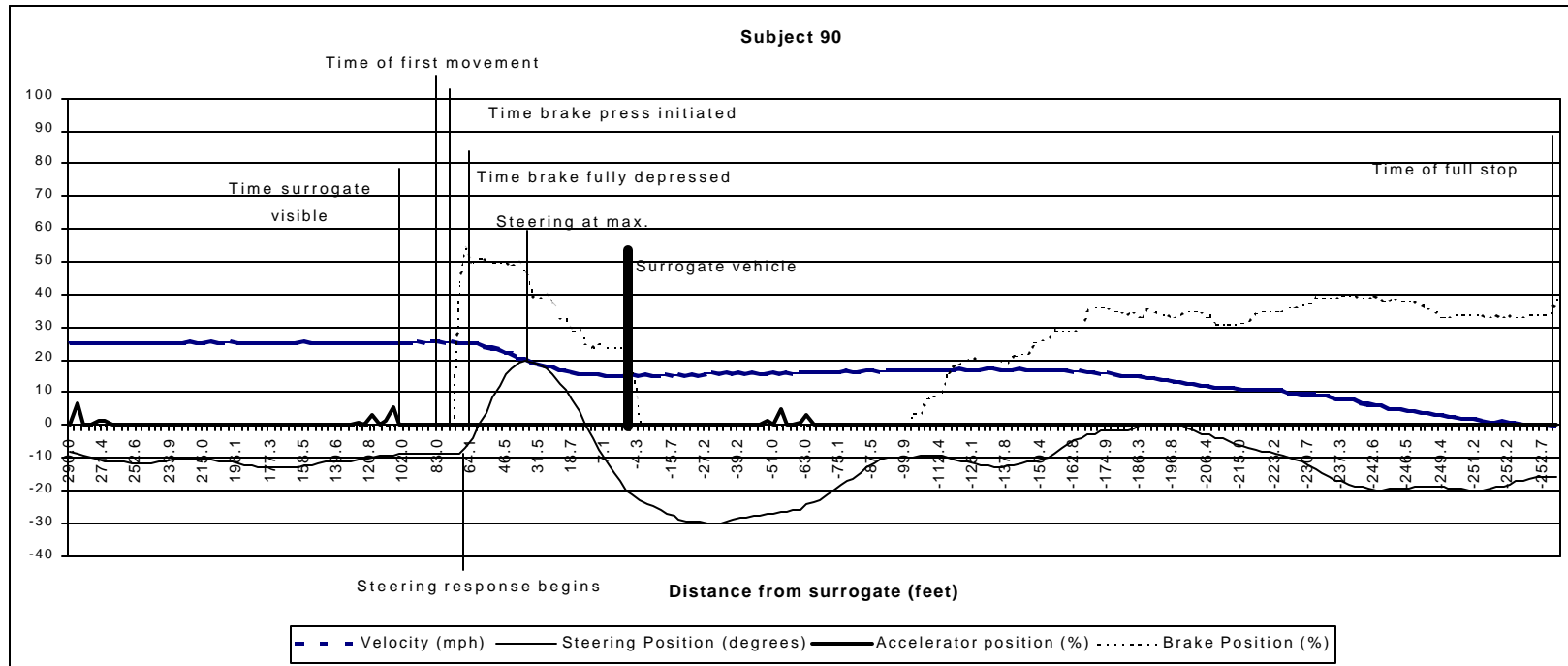
**Figure K-29. Subject 75, No Strobe/Steer**

Time surrogate first visible - 3006.9 = 143.8 ft  
 Time of first movement - 3007.3 = 128.3 ft  
 Time brake press initiated - 3007.6 = 116.5 ft  
 Time steering response begins - 3008.2 = 93.6ft  
 Time steering turned to max. angle - 3009.3 = 58.3ft  
 Time brake fully depressed - 3007.8 = 108.7 ft  
 Time of full stop - 3021.9 = -198.4 ft



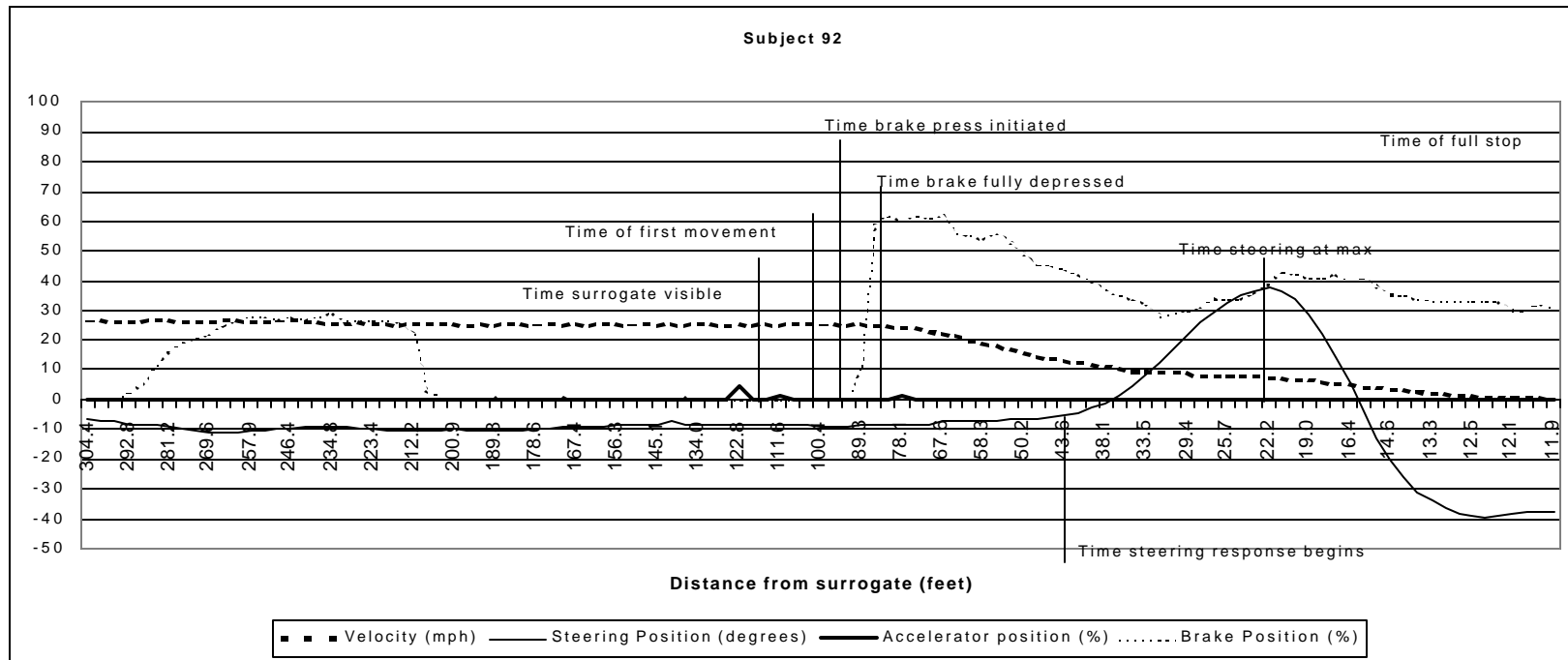
**Figure K-30. Subject 82, No Strobe, Steer**

Time surrogate first visible - 2946.4 = 100.4ft  
 Time to first movement - 2947 = 77ft  
 Time brake press initiated - 2947.1 = 73ft  
 Time steering response begins - 2947.4 = 61.1ft  
 Time steering turned to max. angle - 2949.2 = 10.89ft  
 Time brake fully depressed - 2948.2 = 31.4ft  
 Time of full stop - 2962.1 = -293.9ft



**Figure K-31. Subject 90, No Strobe/Steer**

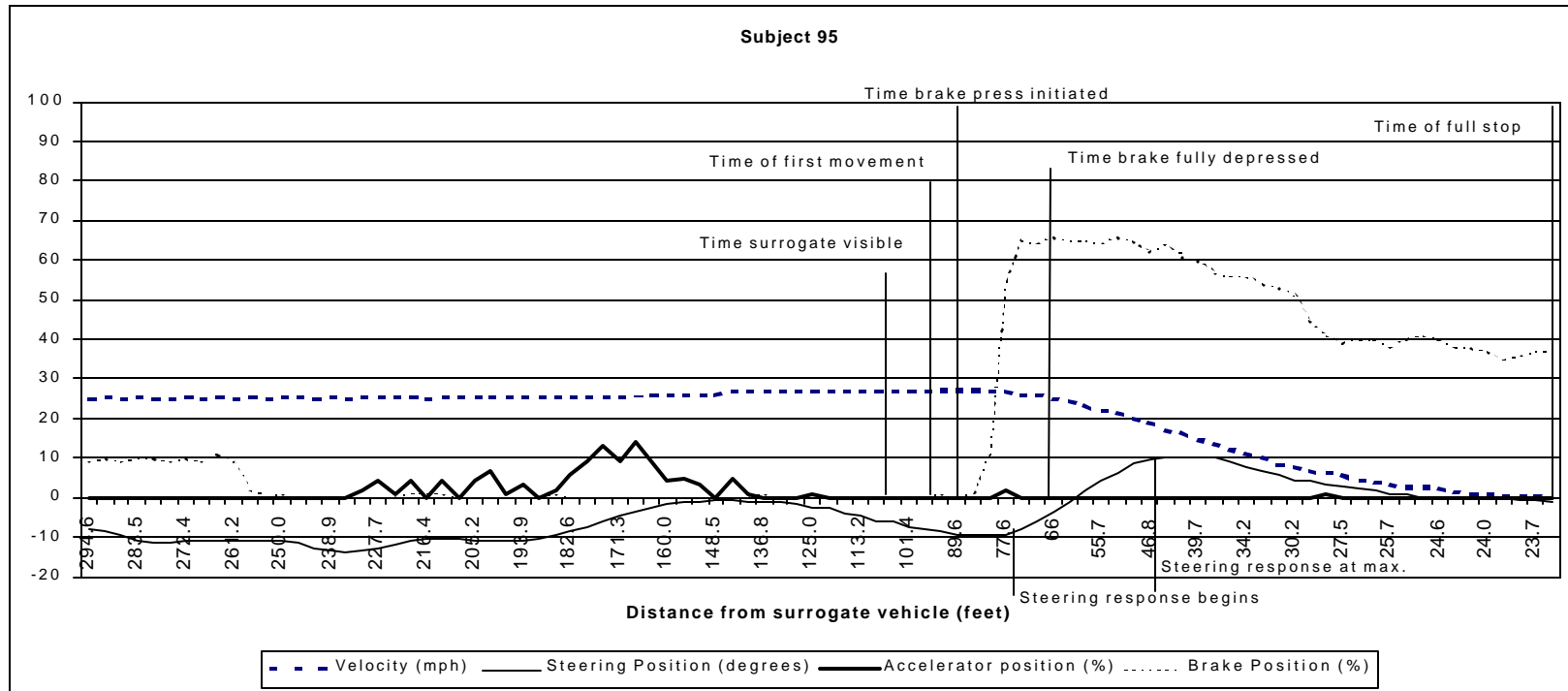
- Time surrogate first visible - 3120.8 = 102ft
- Time to first movement - 3121.3 = 83ft
- Time brake press initiated - 3121.5 = 75.4ft
- Time steering response begins - 3121.6 = 71.6ft
- Time steering turned to max. angle - 3122.6 = 37.2ft
- Time brake fully depressed - 3121.7 = 67.8ft
- Time of full stop - 3138 = -252.8ft



**Figure K-32. Subject 92, No Strobe/Steer**

Time surrogate first visible - 3309.0 = 115.3 ft  
 Time of first movement - 3309.4 = 100.4 ft  
 Time brake press initiated - 3309.6 = 92.9 ft  
 Time steering response begins - 3311.2 = 43.6ft  
 Time steering turned to max. angle - 3312.7 = 22.2ft  
 Time brake fully depressed - 3309.9 = 81.8 ft  
 Time of full stop - 3314.8 = 11.9 ft





**Figure K-33. Subject 95, No Strobe/Steer**

Time surrogate first visible - 3027.6 = 105.3ft  
 Time to first movement - 3027.9 = 93.6ft  
 Time brake press initiated - 3028.1 = 85.6ft  
 Time steering response begins - 3028.4 = 73.7ft  
 Time steering turned to max. angle - 3029.3 = 44.3ft  
 Time brake fully depressed - 3028.6 = 66ft  
 Time of full stop - 3031.7 = 23.7ft