

Braking Analysis Report

Total events found:	61
Max speed across all events:	74.97 km/h
Average speed across all events:	42.81 km/h
Maximum distance covered:	124.2 m
Minimum distance covered:	124.2 m
Average distance covered:	60.5 m
Maximum duration:	15.0 s
Minimum duration:	5.5 s
Average duration:	12.9 s
Maximum BPP:	55.6
Average BPP:	20.0

DETAILED BRAKING EVENT TABLE (Page 1)

idx	start	end	duration_s	max_bpp	avg_bpp	ttl_dist_m	start_vel	avg_decel_mps2	braking_force_kgf
1	22/09/25 00:04:30	22/09/25 00:04:44	13.44	32.40	22.48	89.53	49.02	1.01	1394.61
2	22/09/25 01:01:57	22/09/25 01:02:11	13.92	22.80	14.60	51.43	35.50	0.71	975.21
3	22/09/25 01:06:56	22/09/25 01:07:11	15.00	49.20	28.34	124.22	74.97	1.39	1911.20
4	22/09/25 01:10:36	22/09/25 01:10:45	9.12	50.80	25.50	42.55	50.75	1.55	2127.90
5	22/09/25 01:51:03	22/09/25 01:51:17	13.60	28.00	21.83	67.42	49.59	1.01	1394.33
6	22/09/25 01:54:53	22/09/25 01:55:07	14.26	25.20	18.13	34.58	44.72	0.87	1199.20
7	22/09/25 02:03:30	22/09/25 02:03:44	14.92	29.60	26.75	61.05	43.72	0.81	1120.53
8	22/09/25 06:16:43	22/09/25 06:16:56	12.36	32.80	19.68	33.52	50.75	1.14	1570.10
9	22/09/25 06:27:52	22/09/25 06:28:06	13.72	34.40	14.10	75.12	46.69	0.95	1301.31
10	22/09/25 06:58:36	22/09/25 06:58:44	7.90	40.80	28.40	19.69	47.02	1.65	2275.97
11	22/09/25 07:01:18	22/09/25 07:01:31	13.08	46.80	21.30	110.27	55.04	1.17	1609.09
12	22/09/25 07:04:41	22/09/25 07:04:55	13.94	26.40	11.89	26.40	28.97	0.58	794.69
13	22/09/25 07:06:27	22/09/25 07:06:42	14.72	34.40	19.37	64.35	44.47	0.84	1155.23
14	22/09/25 07:22:49	22/09/25 07:23:02	12.48	27.60	13.27	16.94	25.21	0.56	772.45
15	22/09/25 08:46:47	22/09/25 08:47:01	14.42	17.60	10.62	46.30	29.15	0.56	773.01
16	22/09/25 09:41:53	22/09/25 09:42:07	14.14	18.80	11.53	47.24	28.73	0.56	776.96
17	22/09/25 09:49:50	22/09/25 09:50:05	14.74	24.80	9.57	44.84	27.90	0.53	723.80
18	22/09/25 12:04:16	22/09/25 12:04:30	14.88	32.40	21.67	101.46	51.46	0.96	1322.53
19	22/09/25 12:29:49	22/09/25 12:30:04	14.44	30.80	21.51	71.41	49.19	0.95	1302.45
20	22/09/25 12:38:38	22/09/25 12:38:51	13.60	39.20	23.85	104.34	59.23	1.21	1665.38
21	22/09/25 12:43:42	22/09/25 12:43:56	14.14	34.00	21.20	93.72	55.91	1.10	1512.00
22	22/09/25 13:01:38	22/09/25 13:01:51	12.24	35.20	23.66	69.08	43.92	1.00	1372.23
23	22/09/25 13:02:23	22/09/25 13:02:31	7.88	55.60	33.95	32.20	49.48	1.74	2401.12

DETAILED BRAKING EVENT TABLE (Page 2)

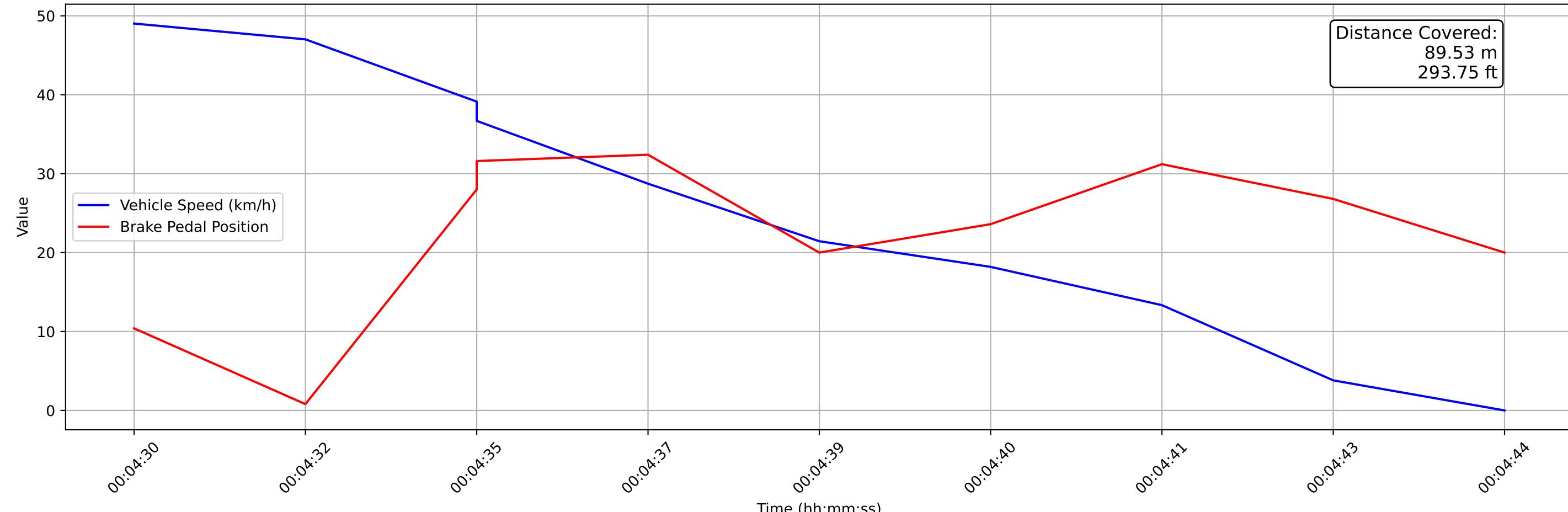
idx	start	end	duration_s	max_bpp	avg_bpp	ttl_dist_m	start_vel	avg_decel_mps2	braking_force_kgf
24	22/09/25 13:42:42	22/09/25 13:42:53	11.26	39.20	27.84	74.20	55.83	1.38	1896.01
25	22/09/25 13:47:32	22/09/25 13:47:44	11.80	35.20	18.24	73.97	44.72	1.05	1449.21
26	22/09/25 13:52:14	22/09/25 13:52:29	14.84	27.20	14.09	77.81	41.71	0.78	1074.56
27	22/09/25 17:09:53	22/09/25 17:10:08	14.70	23.60	11.36	76.56	37.00	0.70	962.42
28	22/09/25 17:30:42	22/09/25 17:30:57	14.28	24.40	14.51	41.61	26.77	0.52	716.80
29	22/09/25 18:03:12	22/09/25 18:03:26	13.78	38.00	24.15	87.45	53.51	1.08	1484.90
30	22/09/25 18:50:33	22/09/25 18:50:48	14.76	26.80	13.83	59.98	36.43	0.69	943.81
31	22/09/25 19:42:01	22/09/25 19:42:15	14.22	37.20	22.12	96.92	44.93	0.88	1208.14
32	22/09/25 21:42:46	22/09/25 21:43:00	13.98	32.80	19.43	67.31	38.48	0.76	1052.61
33	22/09/25 22:00:43	22/09/25 22:00:57	14.08	36.00	25.36	61.53	50.78	1.00	1379.12
34	22/09/25 22:04:19	22/09/25 22:04:33	13.80	34.80	15.91	74.75	40.70	0.82	1127.78
35	22/09/25 23:03:02	22/09/25 23:03:13	11.30	32.00	23.07	42.55	38.93	0.96	1317.40
36	22/09/25 23:16:25	22/09/25 23:16:33	8.72	34.40	20.48	14.27	28.45	0.91	1247.60
37	23/09/25 00:23:00	23/09/25 00:23:14	14.22	20.80	16.40	64.59	37.70	0.74	1013.80
38	23/09/25 07:33:23	23/09/25 07:33:37	13.78	22.40	15.67	36.43	29.58	0.60	820.90
39	23/09/25 07:45:54	23/09/25 07:46:08	13.44	36.80	18.10	67.82	38.55	0.80	1096.82
40	23/09/25 09:23:20	23/09/25 09:23:34	14.37	38.00	22.57	105.50	49.95	0.97	1329.47
41	23/09/25 09:24:49	23/09/25 09:25:03	14.14	28.00	12.74	42.18	34.31	0.67	927.86
42	23/09/25 09:29:10	23/09/25 09:29:22	11.58	45.20	26.40	86.35	62.71	1.50	2070.80
43	23/09/25 10:21:04	23/09/25 10:21:19	14.80	37.60	21.17	109.18	43.79	0.89	1229.09
44	23/09/25 10:30:42	23/09/25 10:30:50	7.50	42.80	26.64	17.25	37.65	1.39	1919.10
45	23/09/25 11:42:29	23/09/25 11:42:42	13.11	34.40	18.00	53.54	45.43	0.96	1324.80
46	23/09/25 12:09:00	23/09/25 12:09:12	12.00	33.60	23.13	80.65	53.25	1.23	1696.87

DETAILED BRAKING EVENT TABLE (Page 3)

idx	start	end	duration_s	max_bpp	avg_bpp	ttl_dist_m	start_vel	avg_decel_mps2	braking_force_kgf
47	23/09/25 12:22:42	23/09/25 12:22:55	13.42	25.60	14.73	52.80	35.54	0.74	1012.69
48	23/09/25 12:51:03	23/09/25 12:51:08	5.50	42.80	30.07	18.32	35.59	1.80	2474.43
49	23/09/25 12:57:53	23/09/25 12:58:03	9.53	31.20	25.20	35.72	37.54	1.09	1506.93
50	23/09/25 13:10:29	23/09/25 13:10:38	8.98	54.00	39.11	70.64	72.47	2.24	3085.98
51	23/09/25 17:23:51	23/09/25 17:24:03	12.32	18.00	10.10	35.79	29.86	0.67	926.81
52	23/09/25 17:44:58	23/09/25 17:45:12	13.06	33.60	15.30	57.38	27.43	0.58	803.21
53	23/09/25 18:25:07	23/09/25 18:25:19	12.24	29.60	19.20	50.37	34.67	0.79	1083.22
54	23/09/25 19:17:34	23/09/25 19:17:49	14.80	36.40	20.58	64.61	48.57	0.91	1254.92
55	23/09/25 20:31:13	23/09/25 20:31:23	10.24	24.00	20.75	23.10	25.14	0.68	938.81
56	23/09/25 21:30:19	23/09/25 21:30:33	14.40	25.60	12.74	53.65	26.11	0.50	693.35
57	23/09/25 21:44:27	23/09/25 21:44:41	14.02	33.20	24.00	75.92	47.02	0.93	1282.28
58	23/09/25 22:39:49	23/09/25 22:40:03	13.58	36.80	29.03	71.22	60.94	1.25	1715.86
59	23/09/25 23:29:28	23/09/25 23:29:43	14.94	29.60	9.38	22.62	27.67	0.51	708.22
60	23/09/25 23:45:38	23/09/25 23:45:53	14.92	40.80	22.89	57.20	52.86	0.98	1354.78
61	23/09/25 23:55:56	23/09/25 23:56:10	14.58	18.40	13.65	59.76	33.74	0.64	884.91

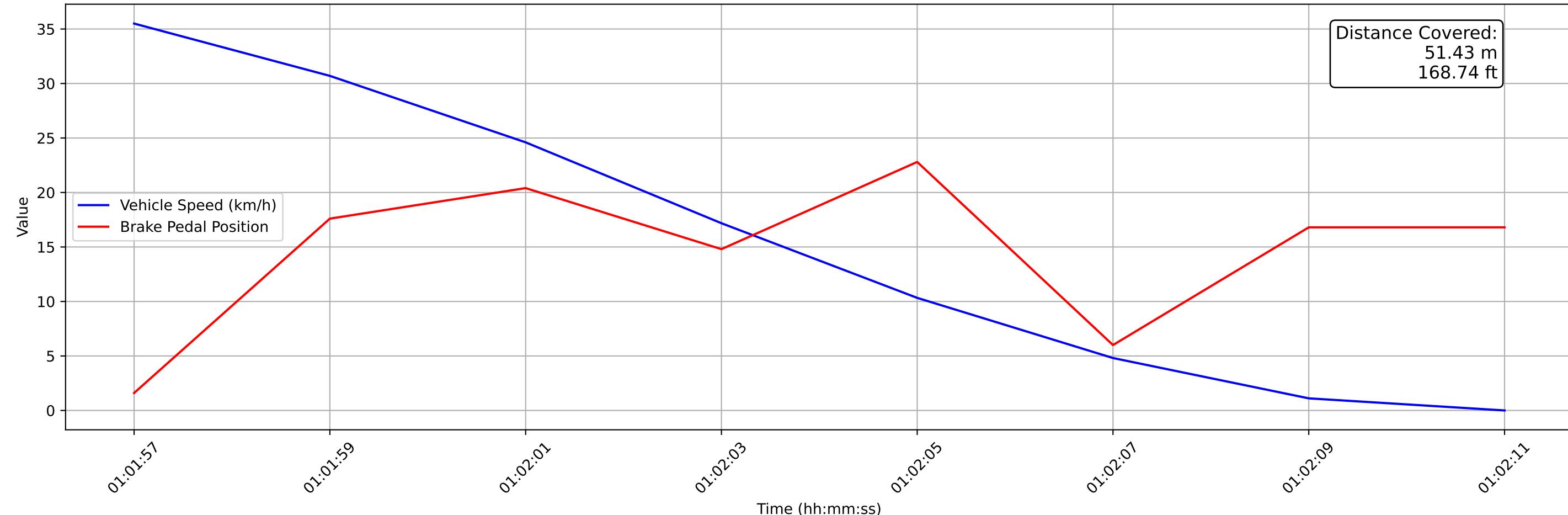
Analysis of Braking Events (13.44s to stop)

Event: 22/09/25 00:04:30 to 22/09/25 00:04:44



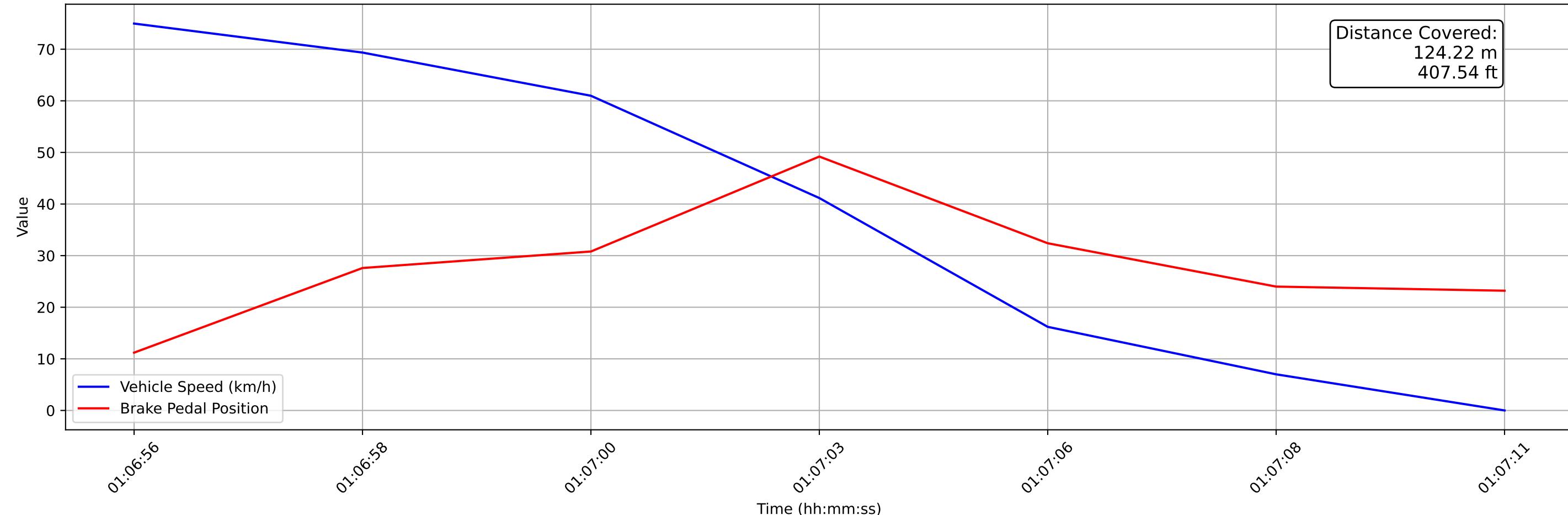
Analysis of Braking Events (13.92s to stop)

Event: 22/09/25 01:01:57 to 22/09/25 01:02:11



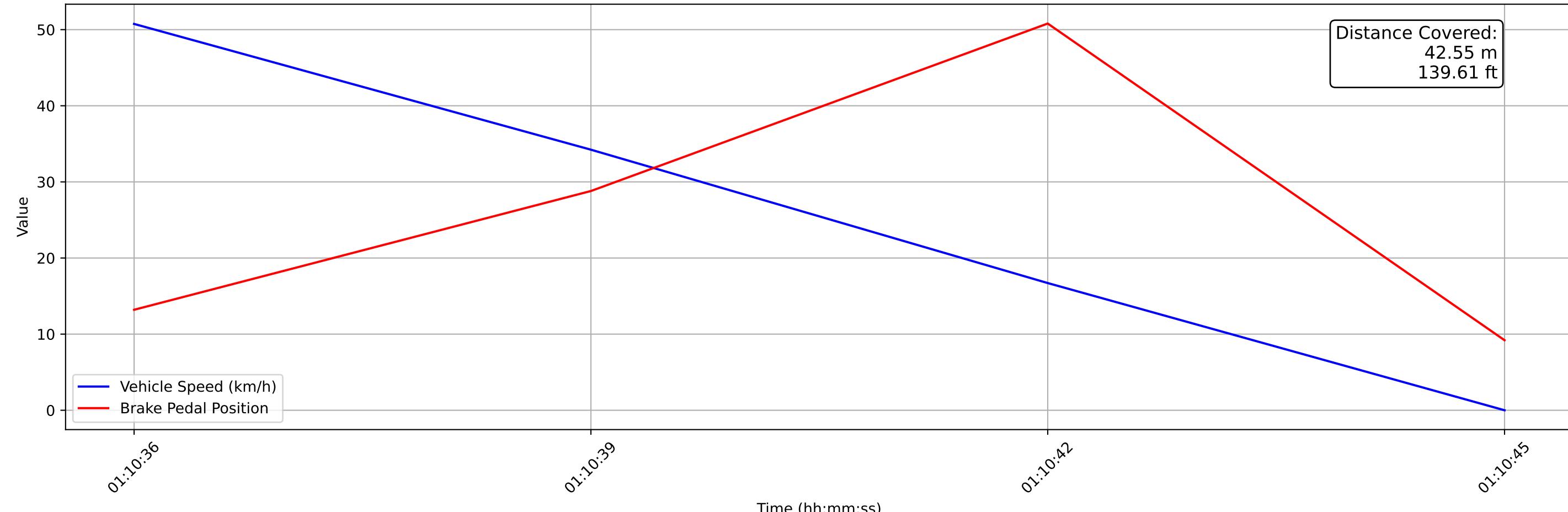
Analysis of Braking Events (15.00s to stop)

Event: 22/09/25 01:06:56 to 22/09/25 01:07:11



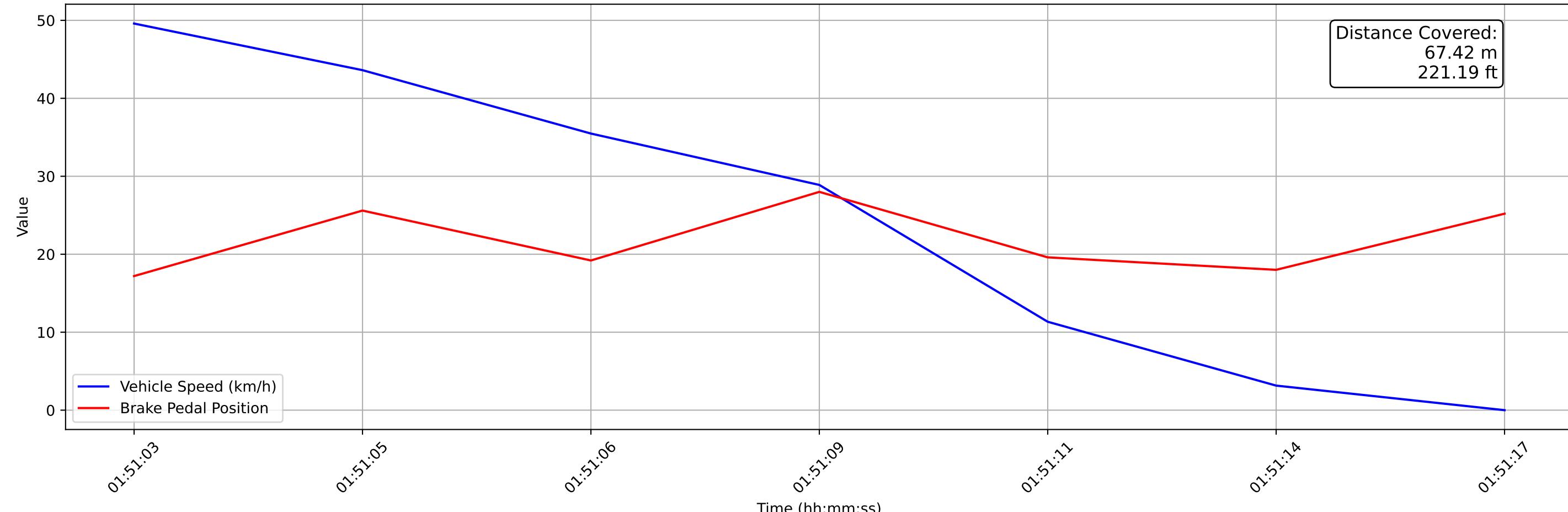
Analysis of Braking Events (9.12s to stop)

Event: 22/09/25 01:10:36 to 22/09/25 01:10:45



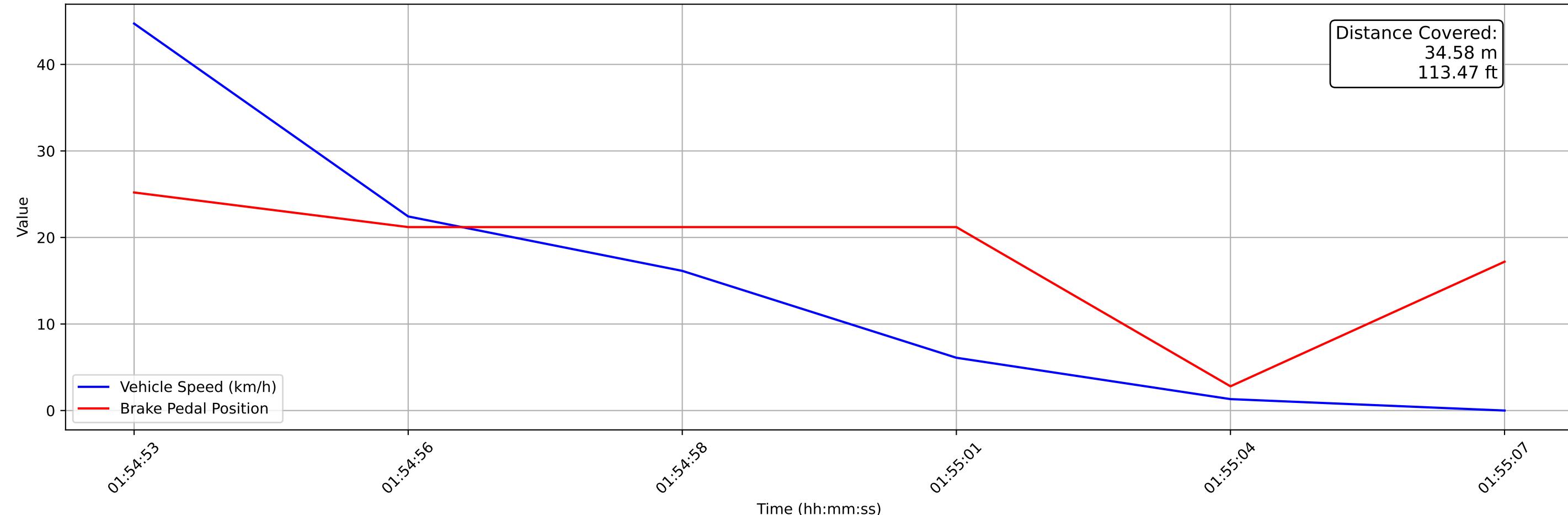
Analysis of Braking Events (13.60s to stop)

Event: 22/09/25 01:51:03 to 22/09/25 01:51:17



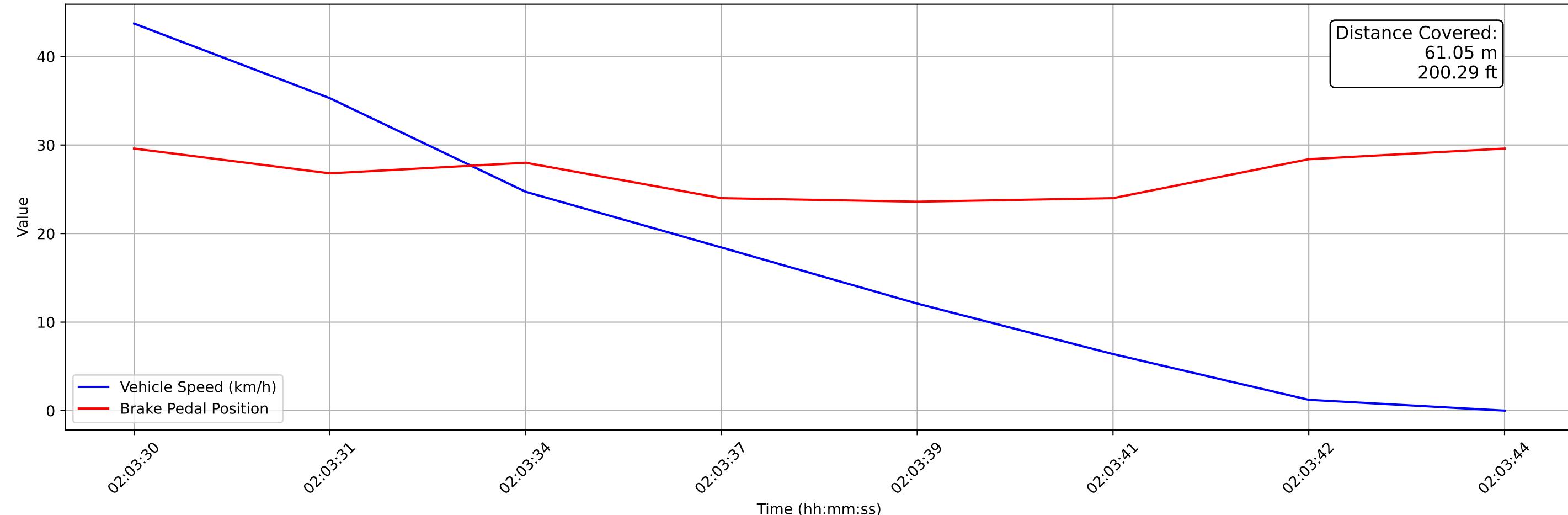
Analysis of Braking Events (14.26s to stop)

Event: 22/09/25 01:54:53 to 22/09/25 01:55:07



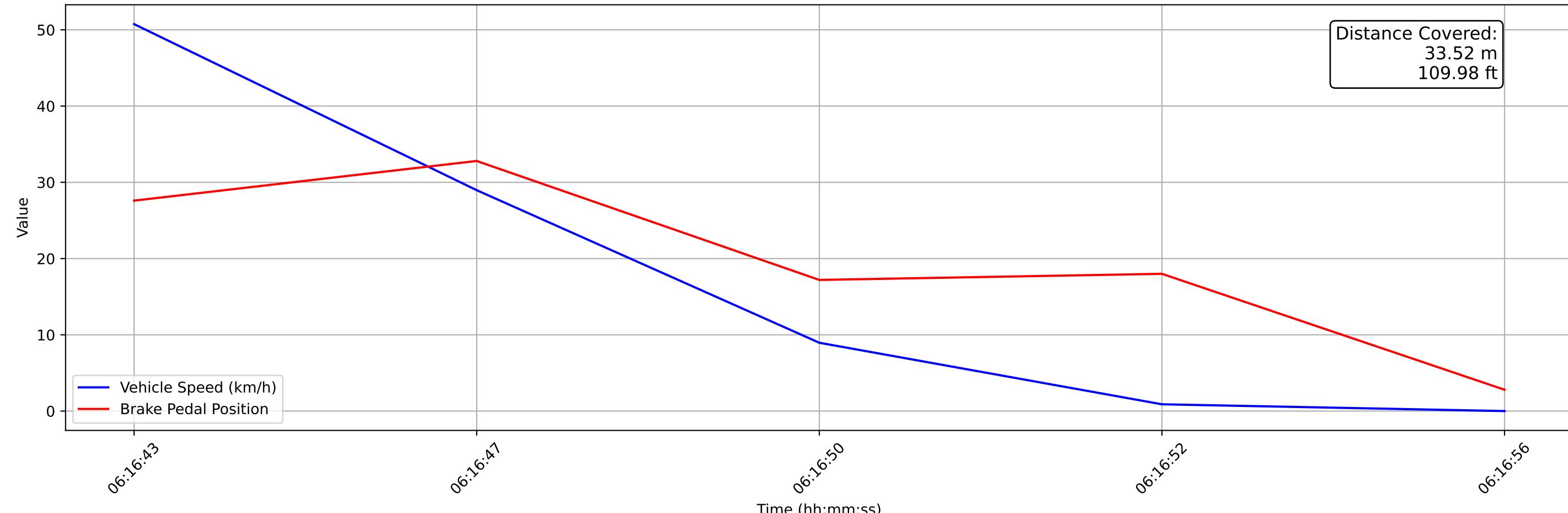
Analysis of Braking Events (14.92s to stop)

Event: 22/09/25 02:03:30 to 22/09/25 02:03:44



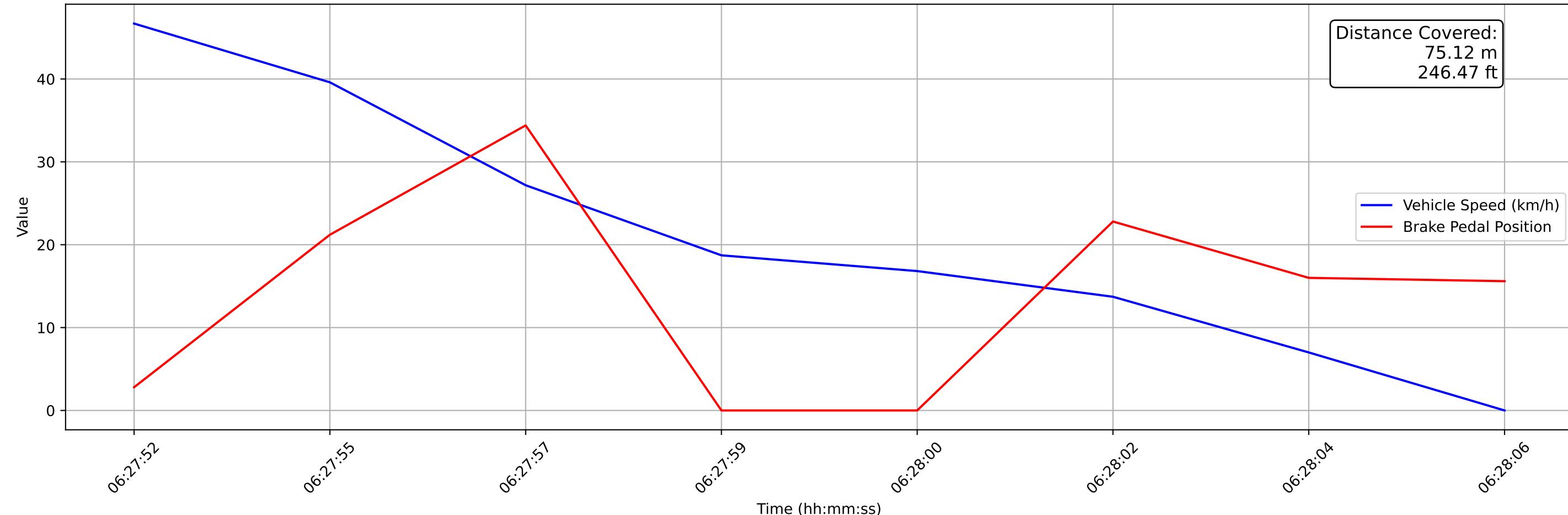
Analysis of Braking Events (12.36s to stop)

Event: 22/09/25 06:16:43 to 22/09/25 06:16:56



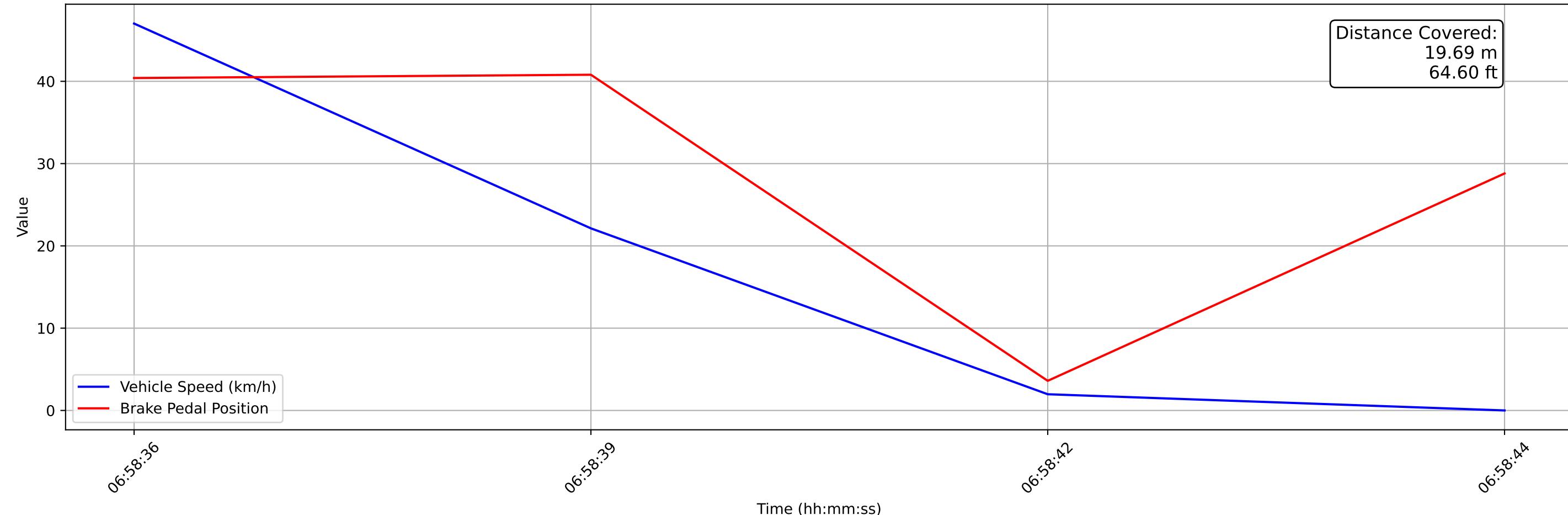
Analysis of Braking Events (13.72s to stop)

Event: 22/09/25 06:27:52 to 22/09/25 06:28:06



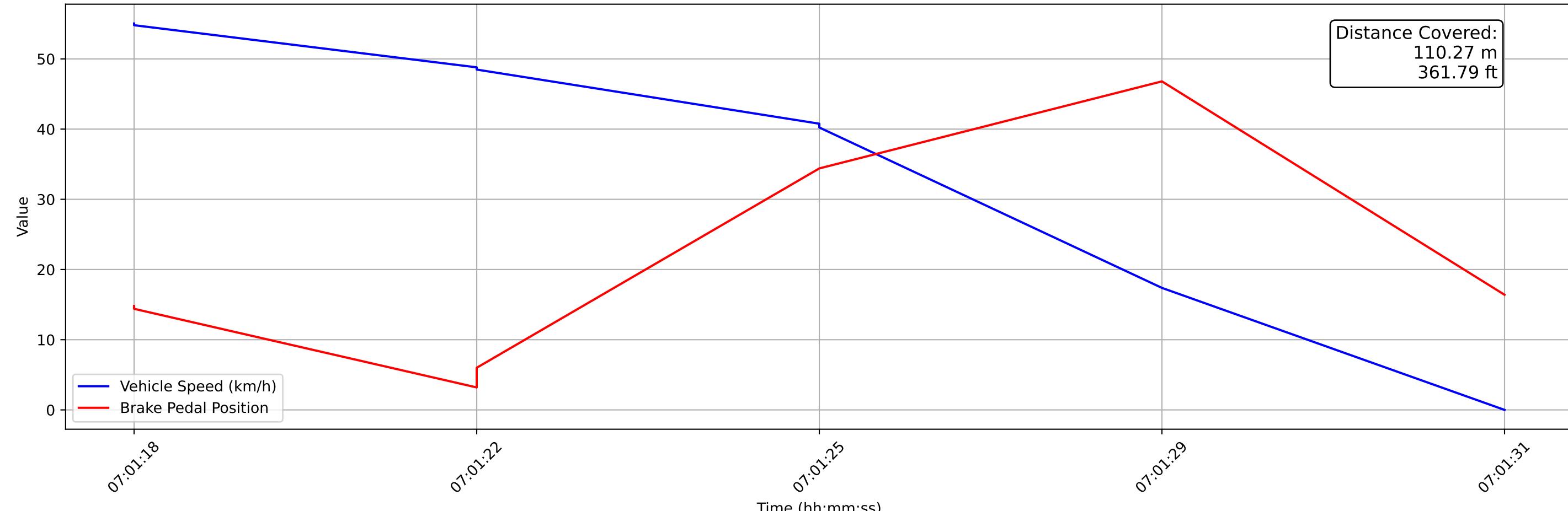
Analysis of Braking Events (7.90s to stop)

Event: 22/09/25 06:58:36 to 22/09/25 06:58:44



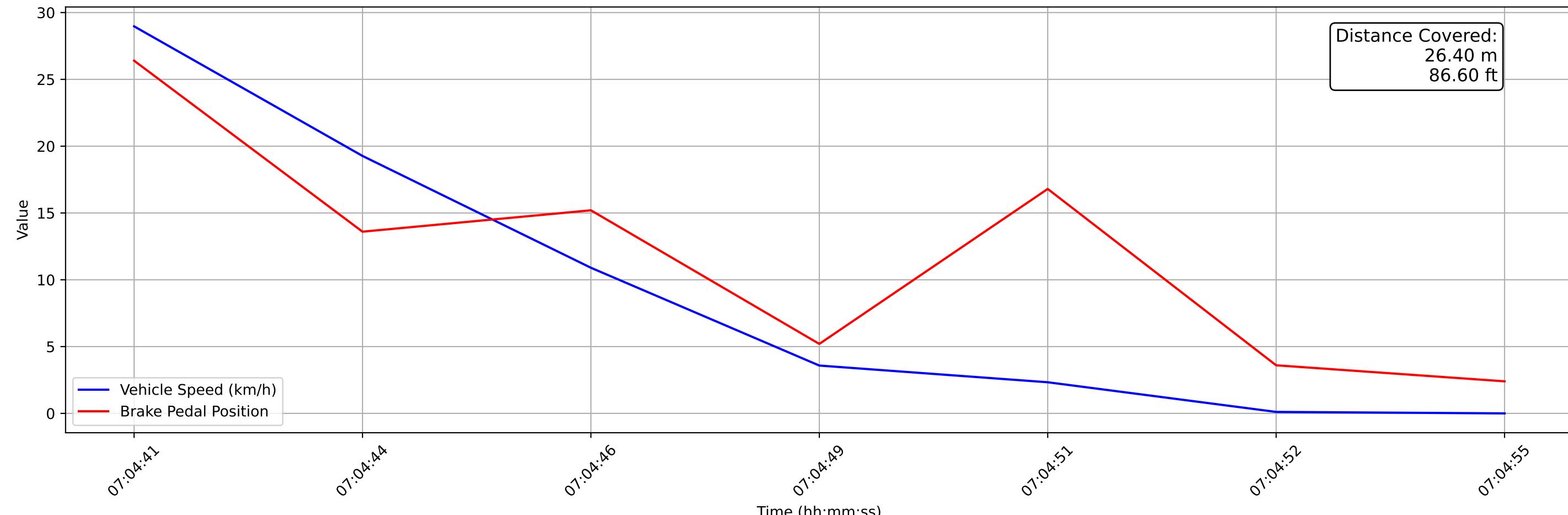
Analysis of Braking Events (13.08s to stop)

Event: 22/09/25 07:01:18 to 22/09/25 07:01:31



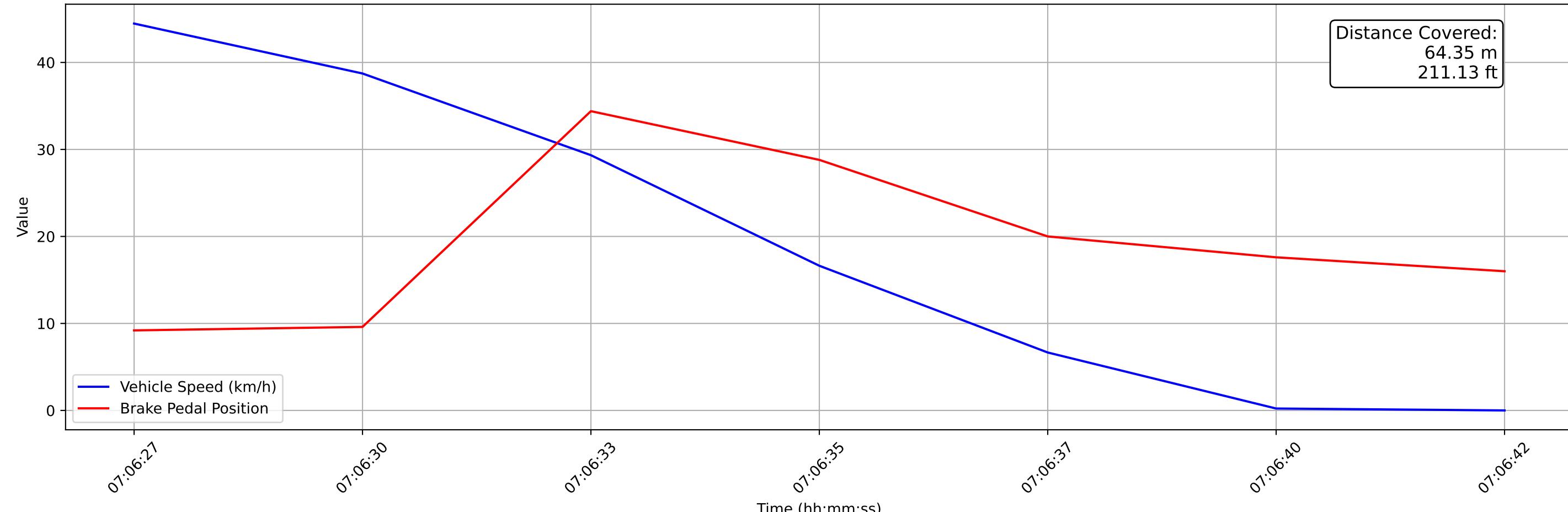
Analysis of Braking Events (13.94s to stop)

Event: 22/09/25 07:04:41 to 22/09/25 07:04:55



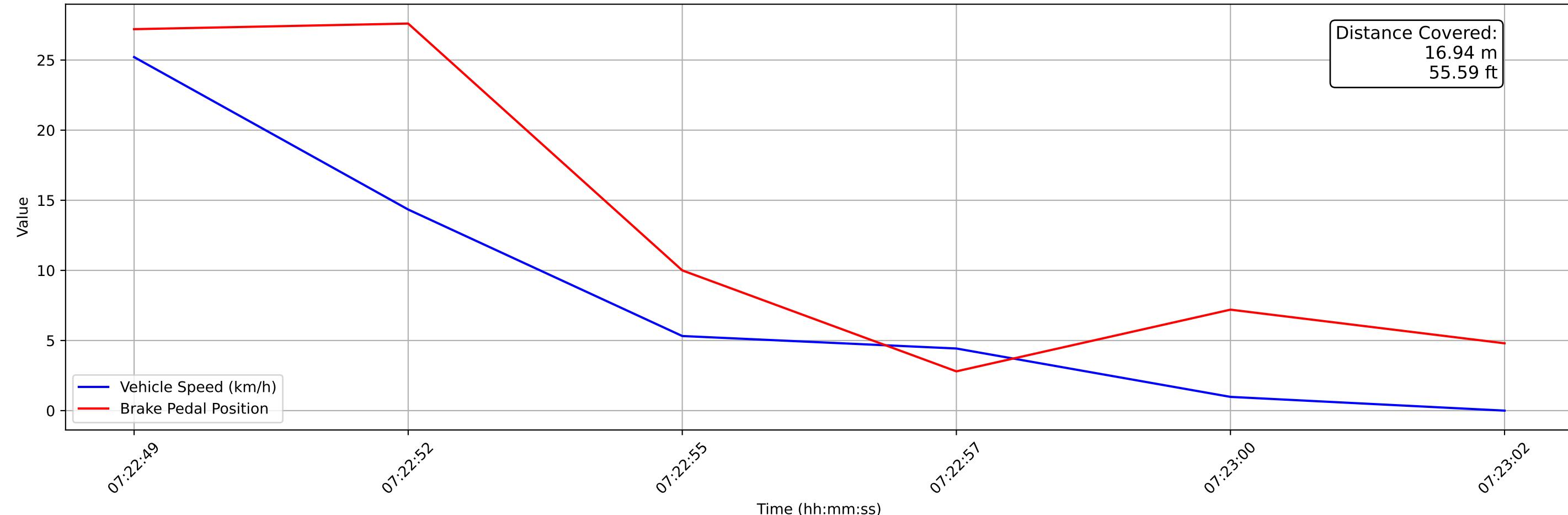
Analysis of Braking Events (14.72s to stop)

Event: 22/09/25 07:06:27 to 22/09/25 07:06:42



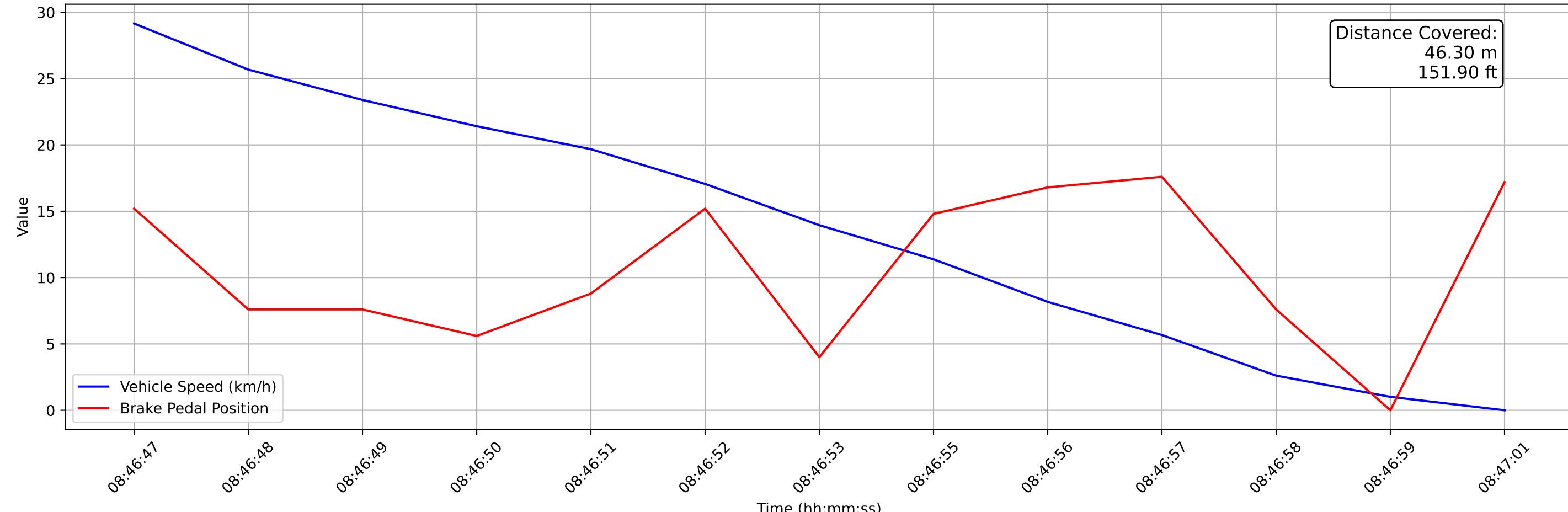
Analysis of Braking Events (12.48s to stop)

Event: 22/09/25 07:22:49 to 22/09/25 07:23:02



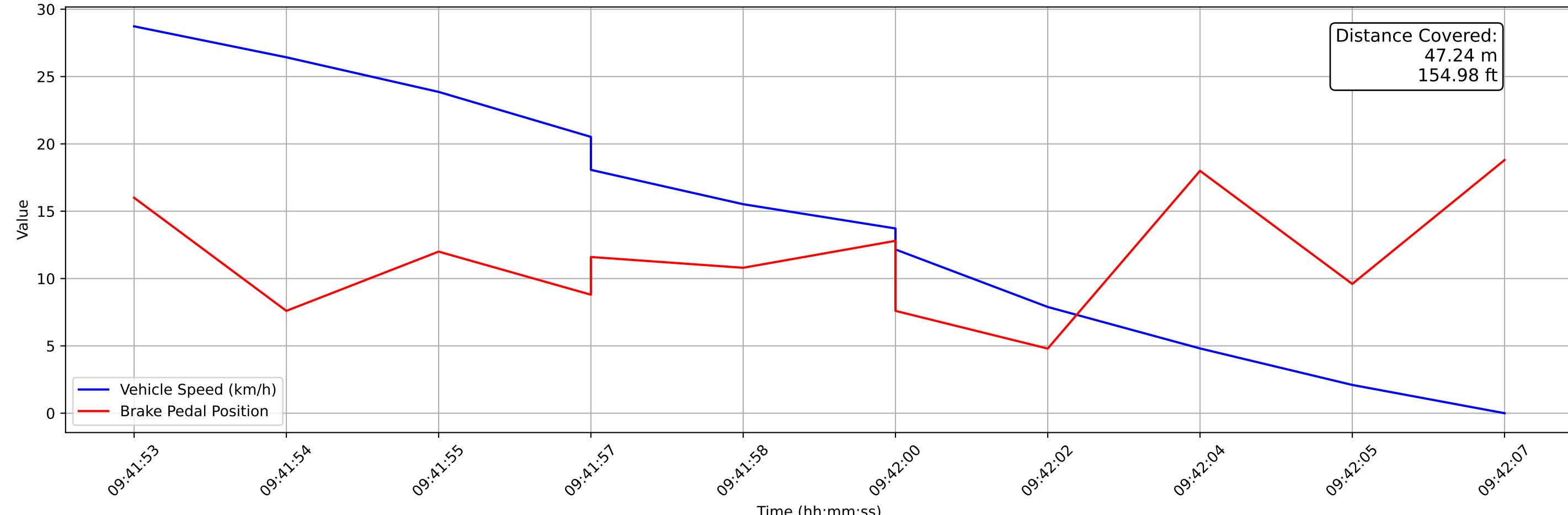
Analysis of Braking Events (14.42s to stop)

Event: 22/09/25 08:46:47 to 22/09/25 08:47:01



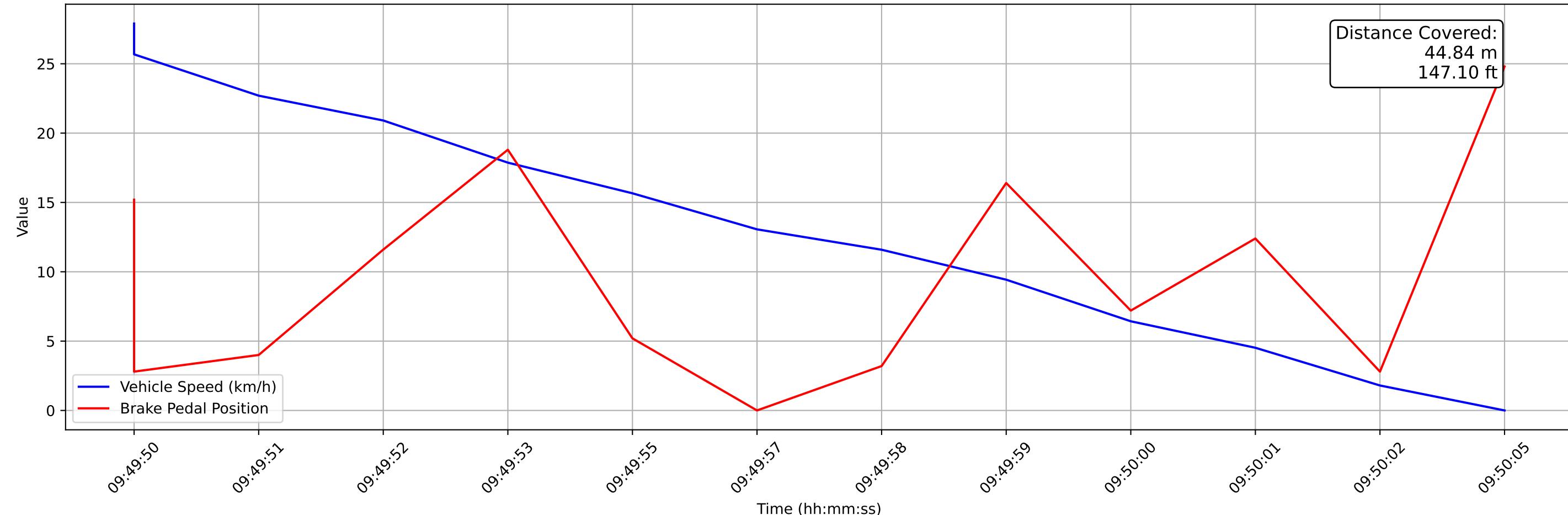
Analysis of Braking Events (14.14s to stop)

Event: 22/09/25 09:41:53 to 22/09/25 09:42:07



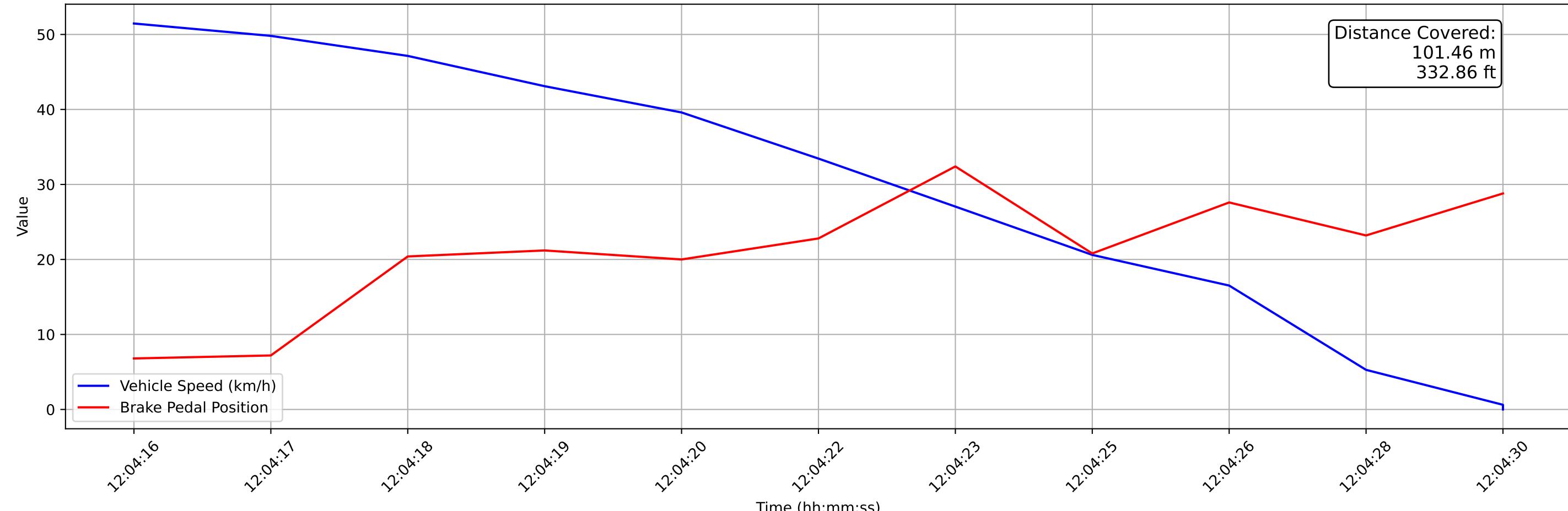
Analysis of Braking Events (14.74s to stop)

Event: 22/09/25 09:49:50 to 22/09/25 09:50:05



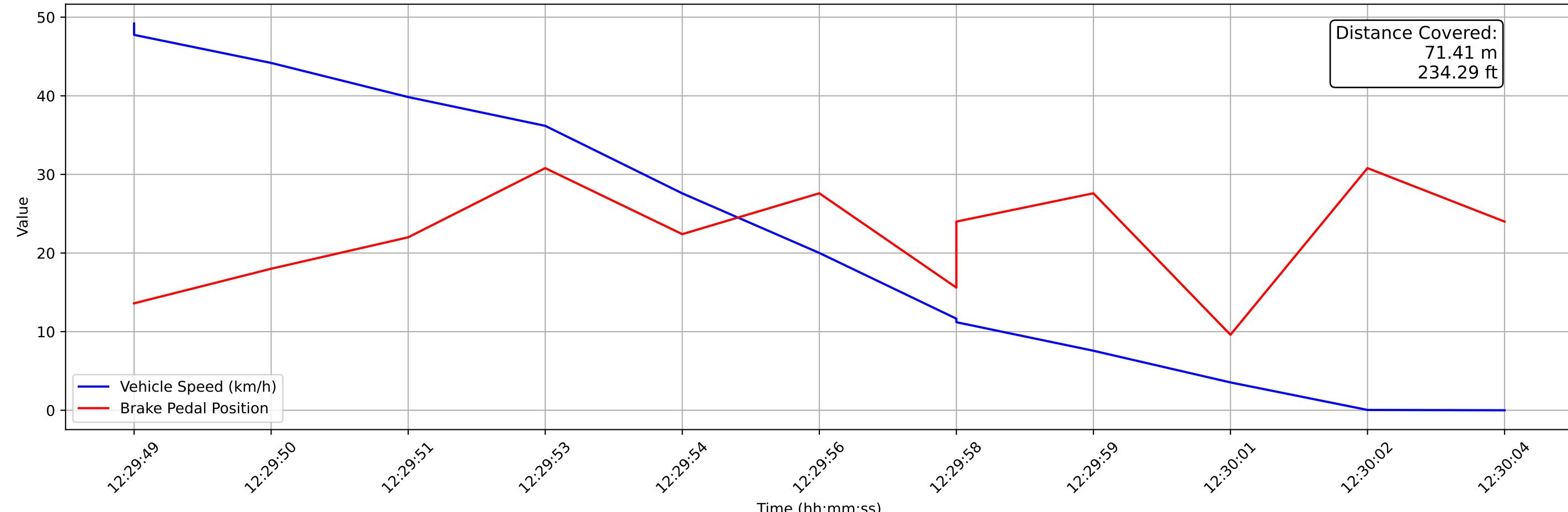
Analysis of Braking Events (14.88s to stop)

Event: 22/09/25 12:04:16 to 22/09/25 12:04:30



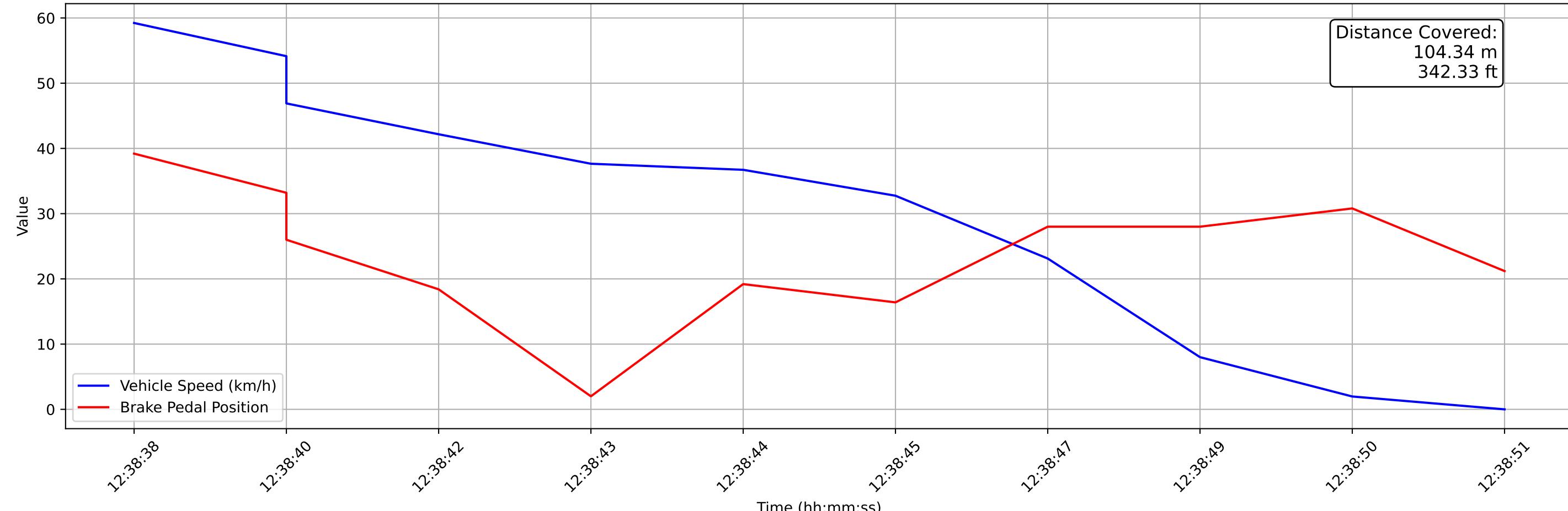
Analysis of Braking Events (14.44s to stop)

Event: 22/09/25 12:29:49 to 22/09/25 12:30:04



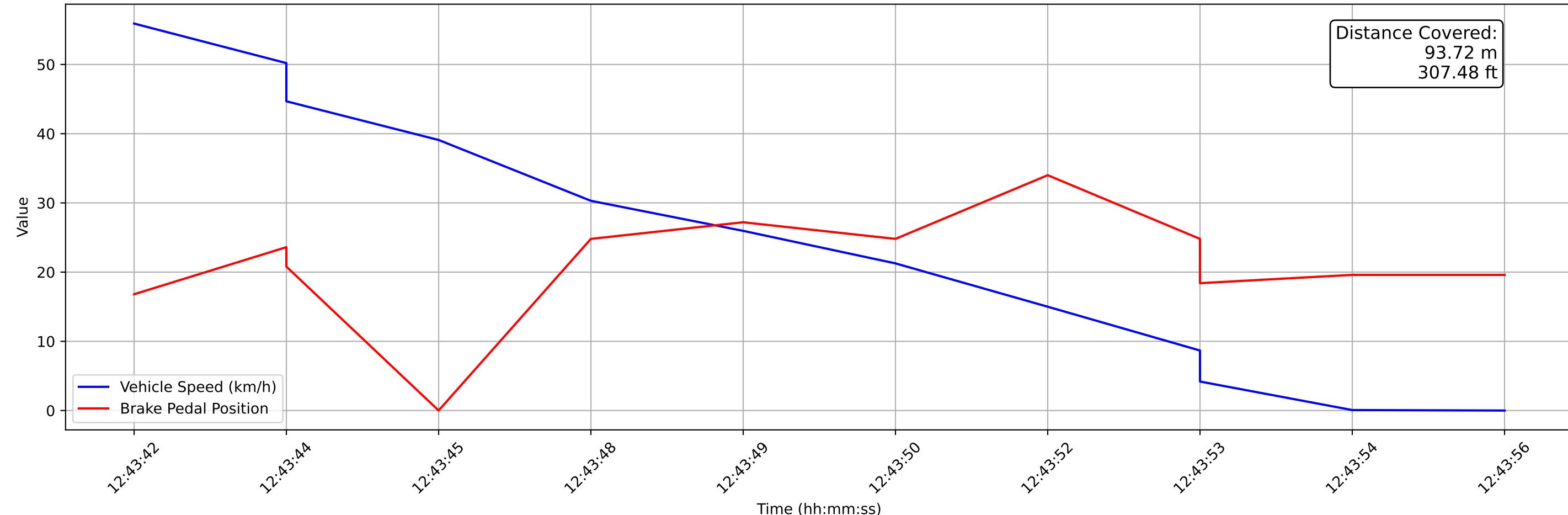
Analysis of Braking Events (13.60s to stop)

Event: 22/09/25 12:38:38 to 22/09/25 12:38:51



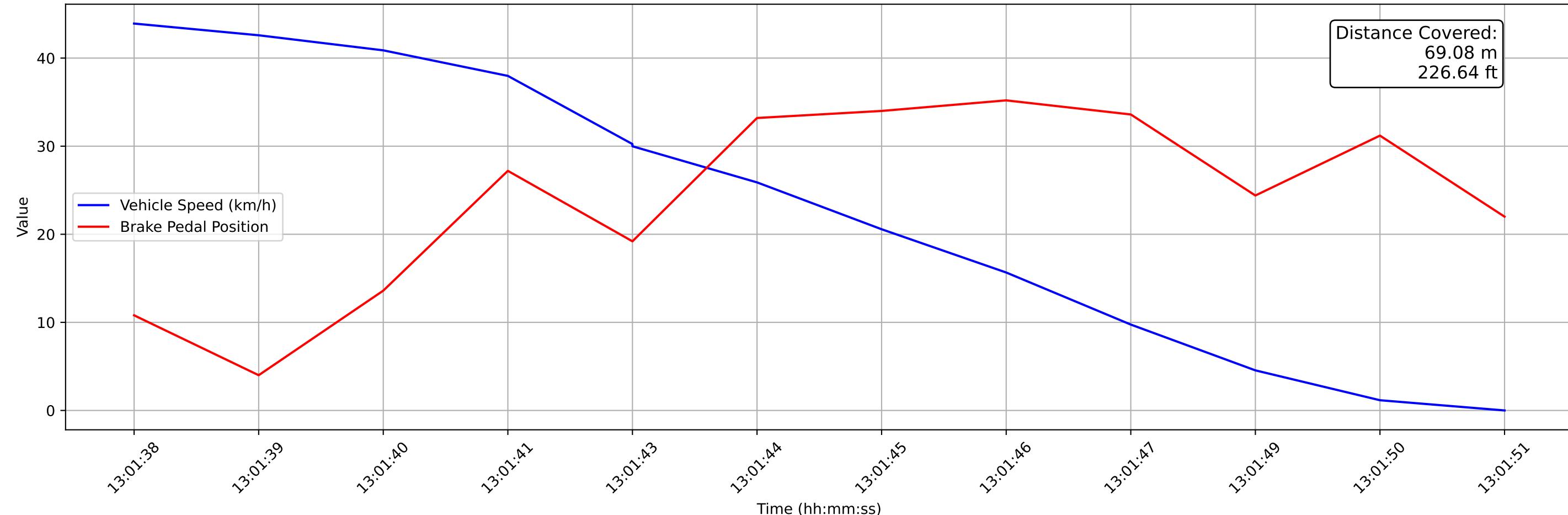
Analysis of Braking Events (14.14s to stop)

Event: 22/09/25 12:43:42 to 22/09/25 12:43:56



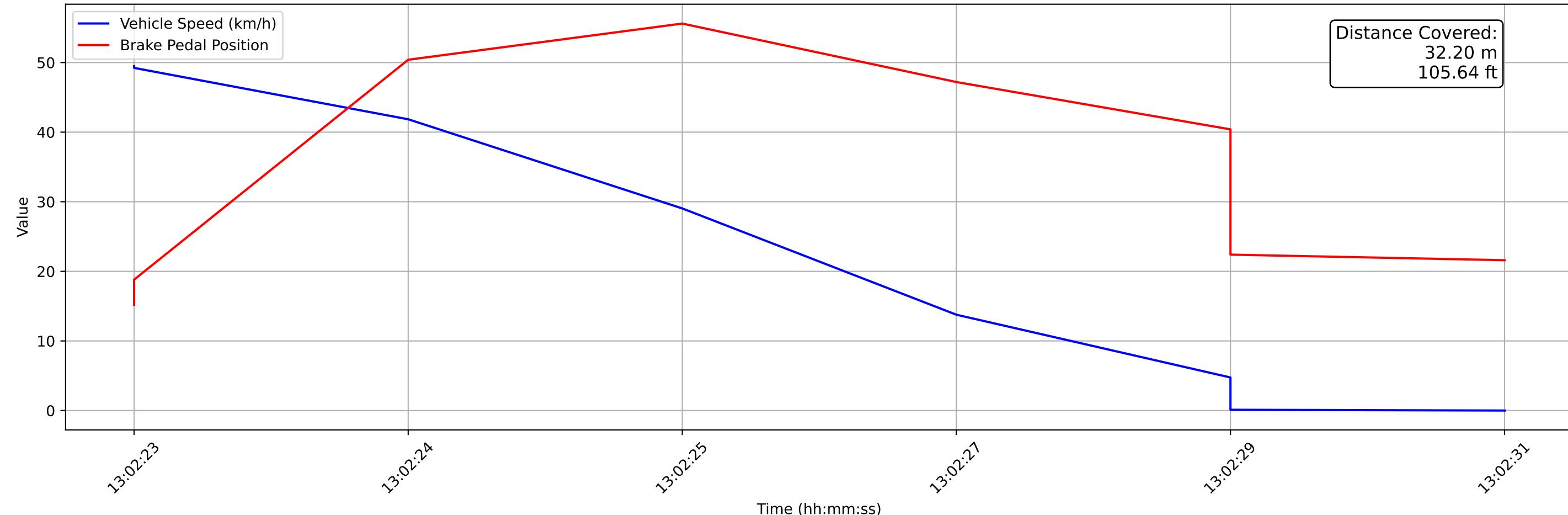
Analysis of Braking Events (12.24s to stop)

Event: 22/09/25 13:01:38 to 22/09/25 13:01:51



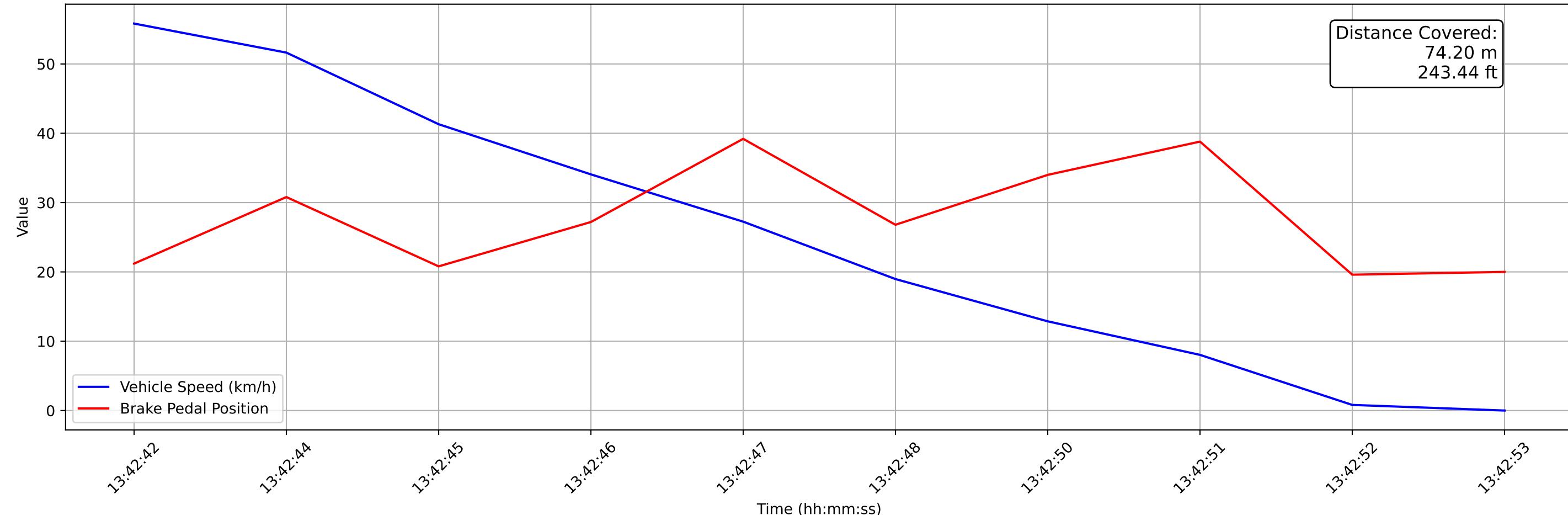
Analysis of Braking Events (7.88s to stop)

Event: 22/09/25 13:02:23 to 22/09/25 13:02:31



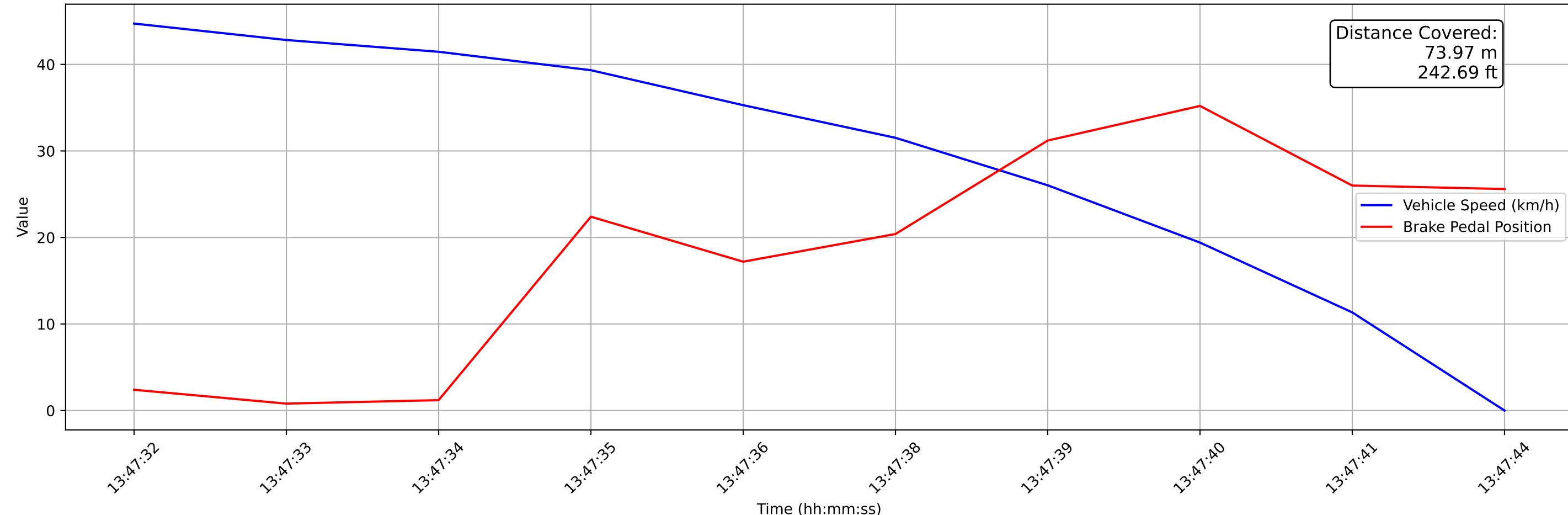
Analysis of Braking Events (11.26s to stop)

Event: 22/09/25 13:42:42 to 22/09/25 13:42:53



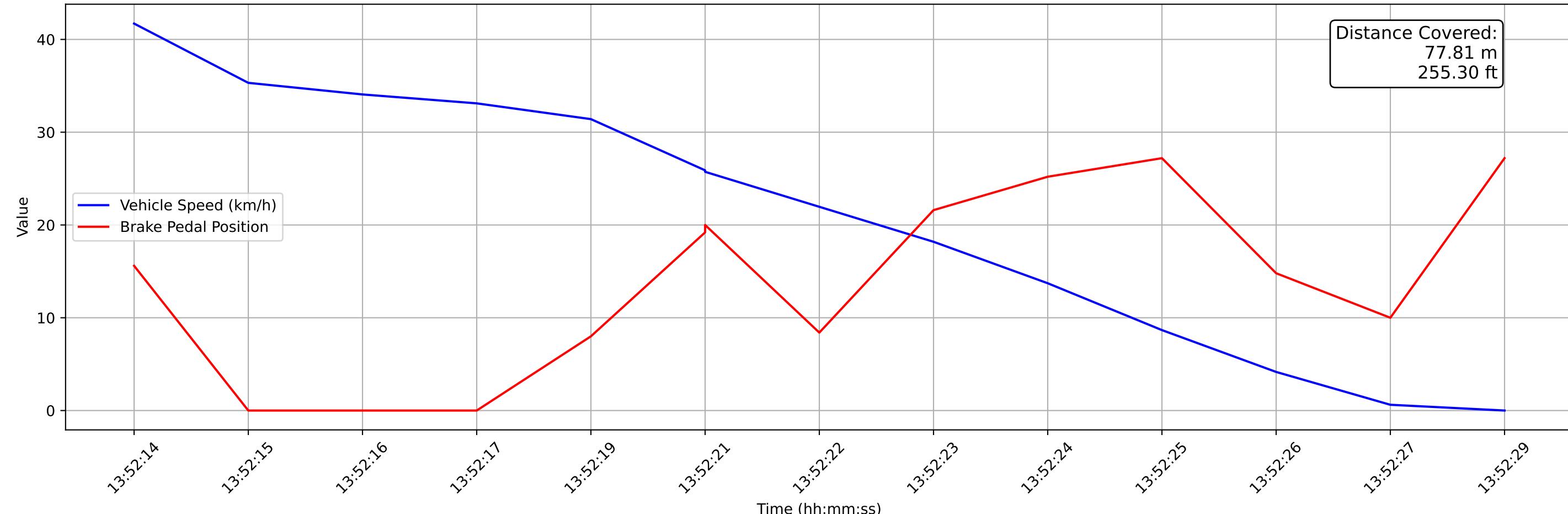
Analysis of Braking Events (11.80s to stop)

Event: 22/09/25 13:47:32 to 22/09/25 13:47:44



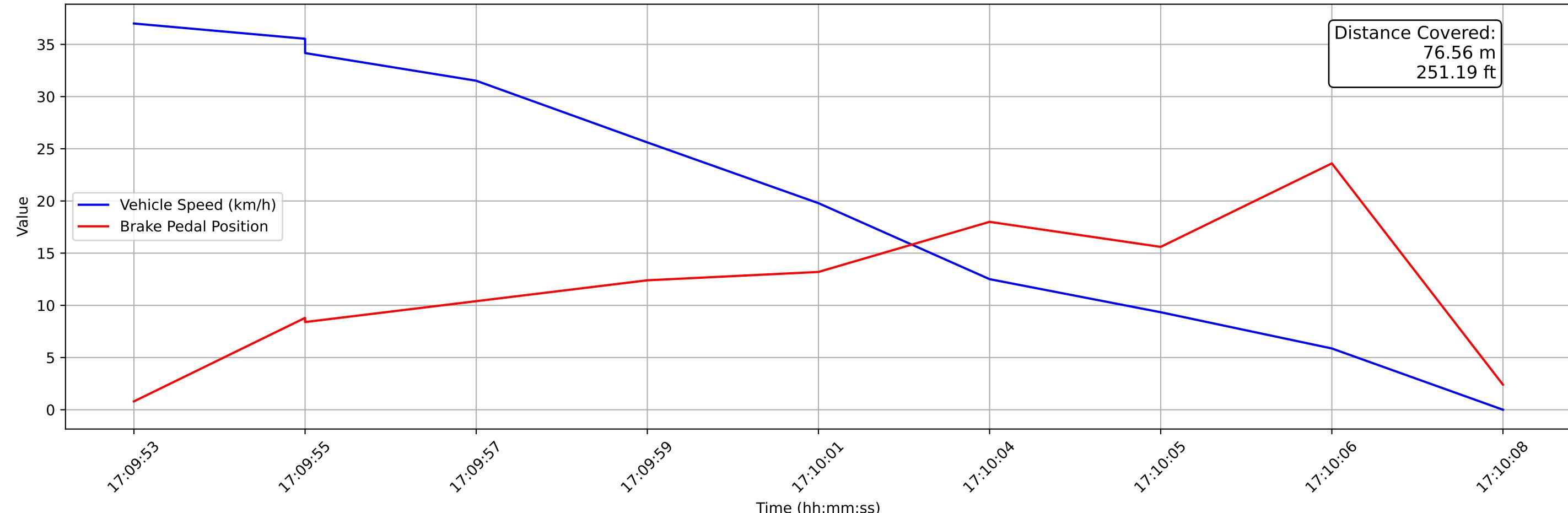
Analysis of Braking Events (14.84s to stop)

Event: 22/09/25 13:52:14 to 22/09/25 13:52:29



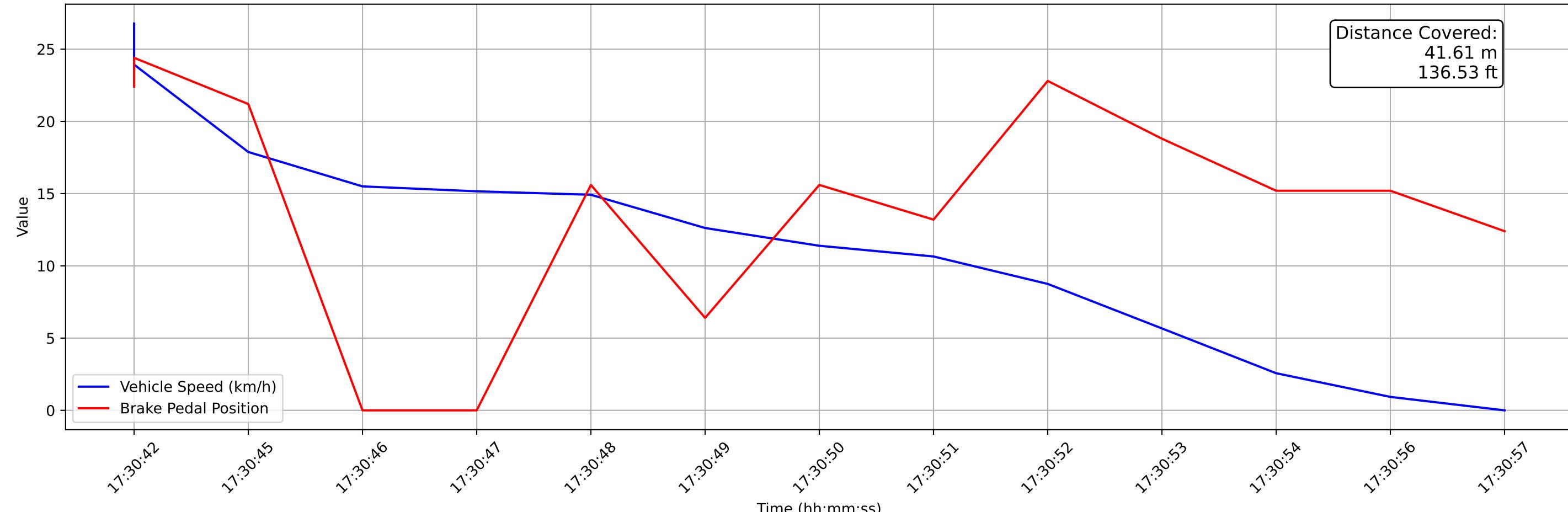
Analysis of Braking Events (14.70s to stop)

Event: 22/09/25 17:09:53 to 22/09/25 17:10:08



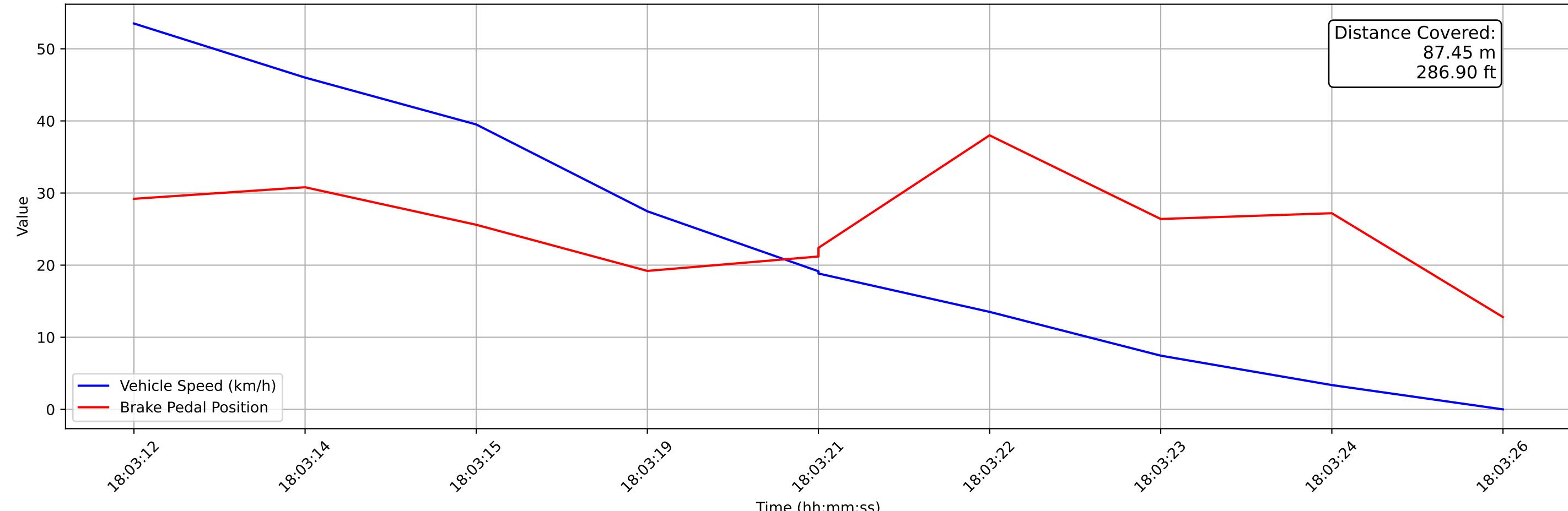
Analysis of Braking Events (14.28s to stop)

Event: 22/09/25 17:30:42 to 22/09/25 17:30:57



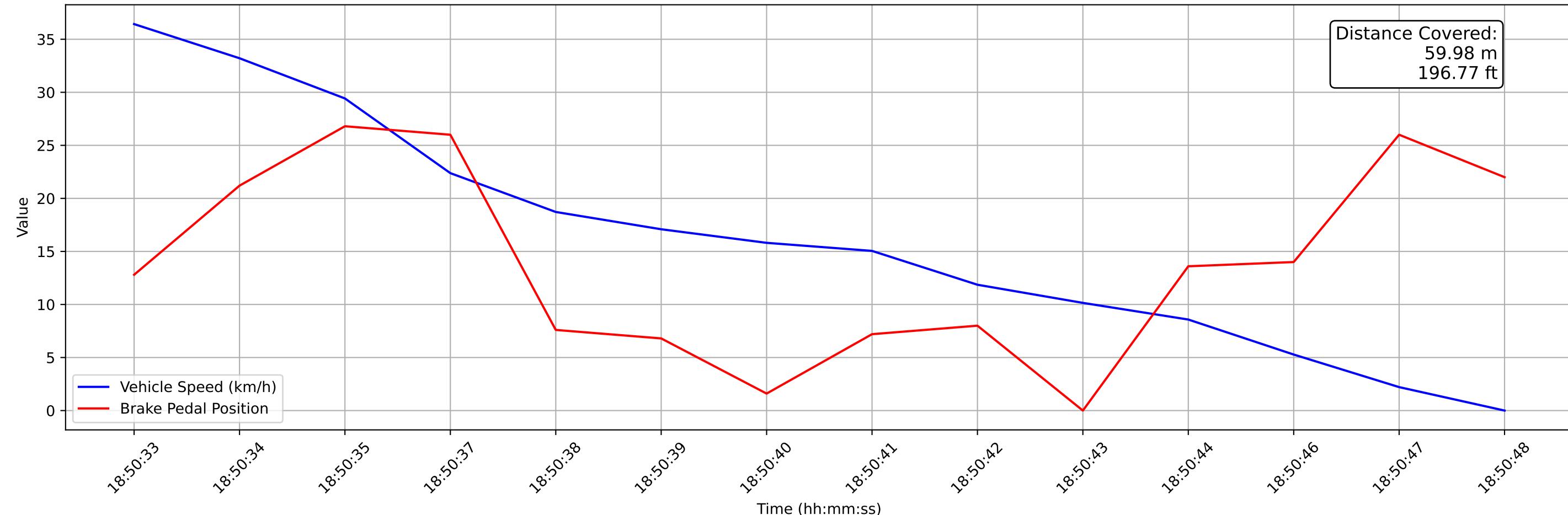
Analysis of Braking Events (13.78s to stop)

Event: 22/09/25 18:03:12 to 22/09/25 18:03:26



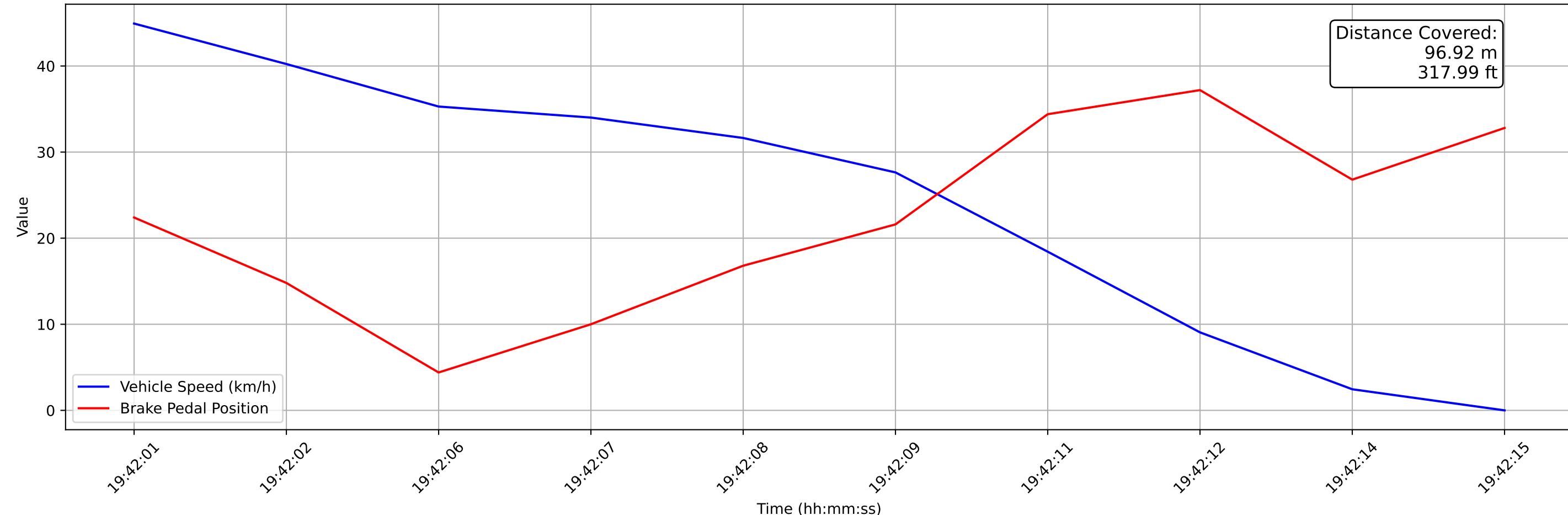
Analysis of Braking Events (14.76s to stop)

Event: 22/09/25 18:50:33 to 22/09/25 18:50:48



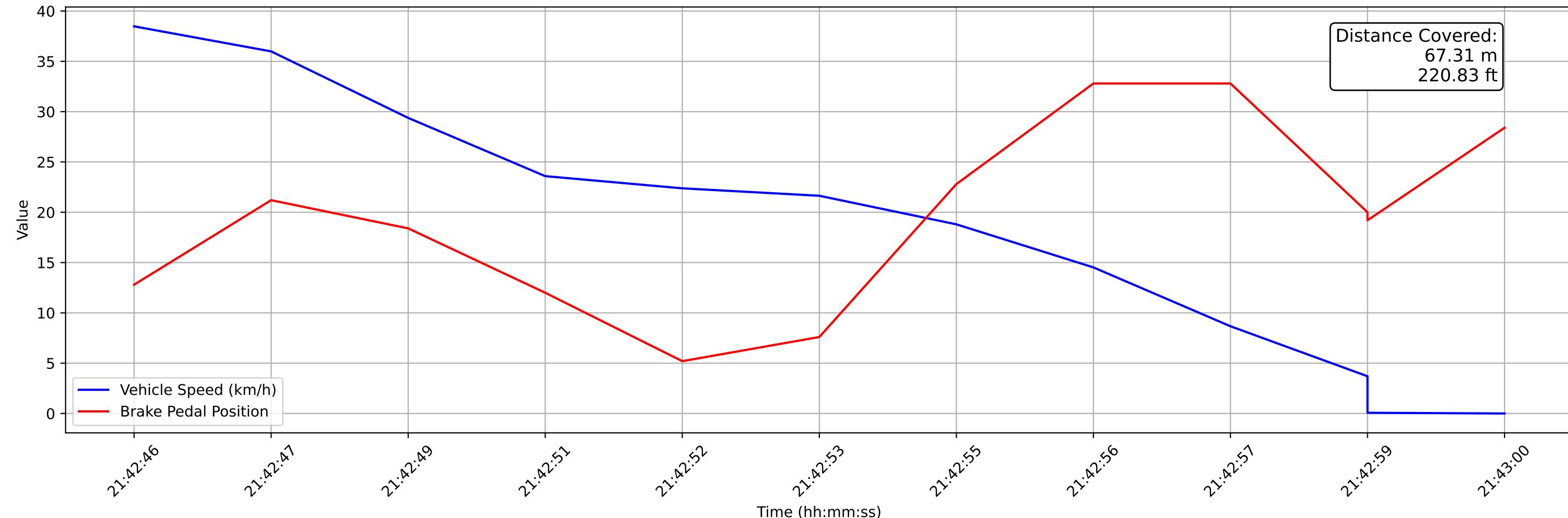
Analysis of Braking Events (14.22s to stop)

Event: 22/09/25 19:42:01 to 22/09/25 19:42:15



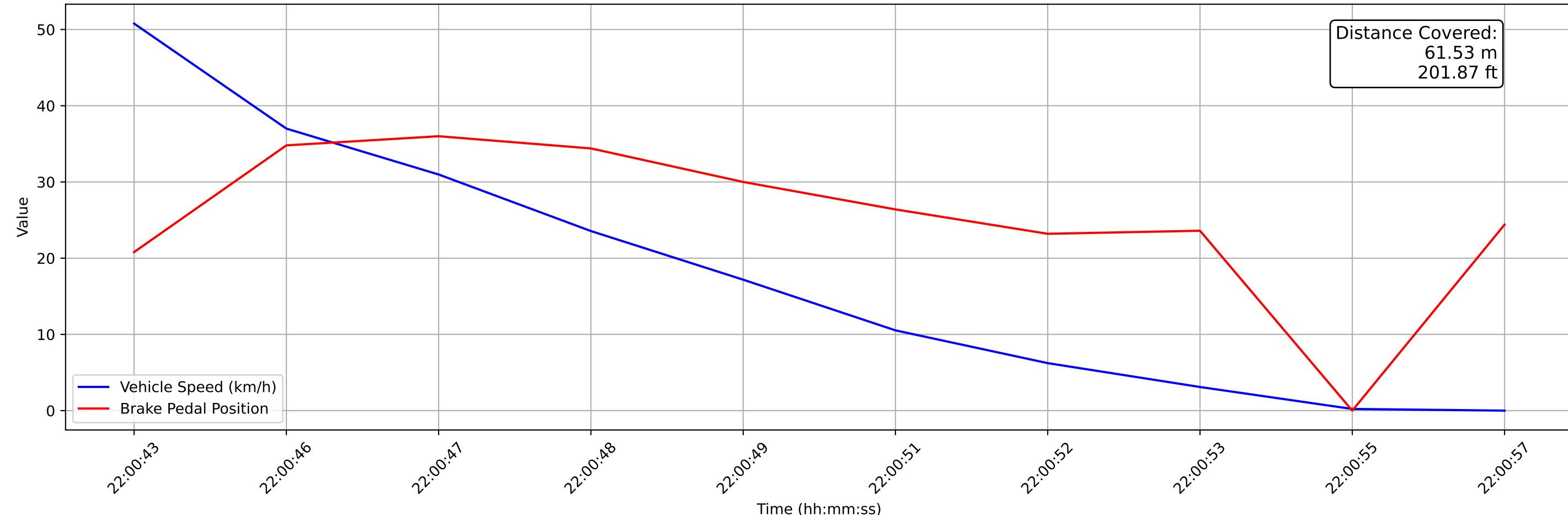
Analysis of Braking Events (13.98s to stop)

Event: 22/09/25 21:42:46 to 22/09/25 21:43:00



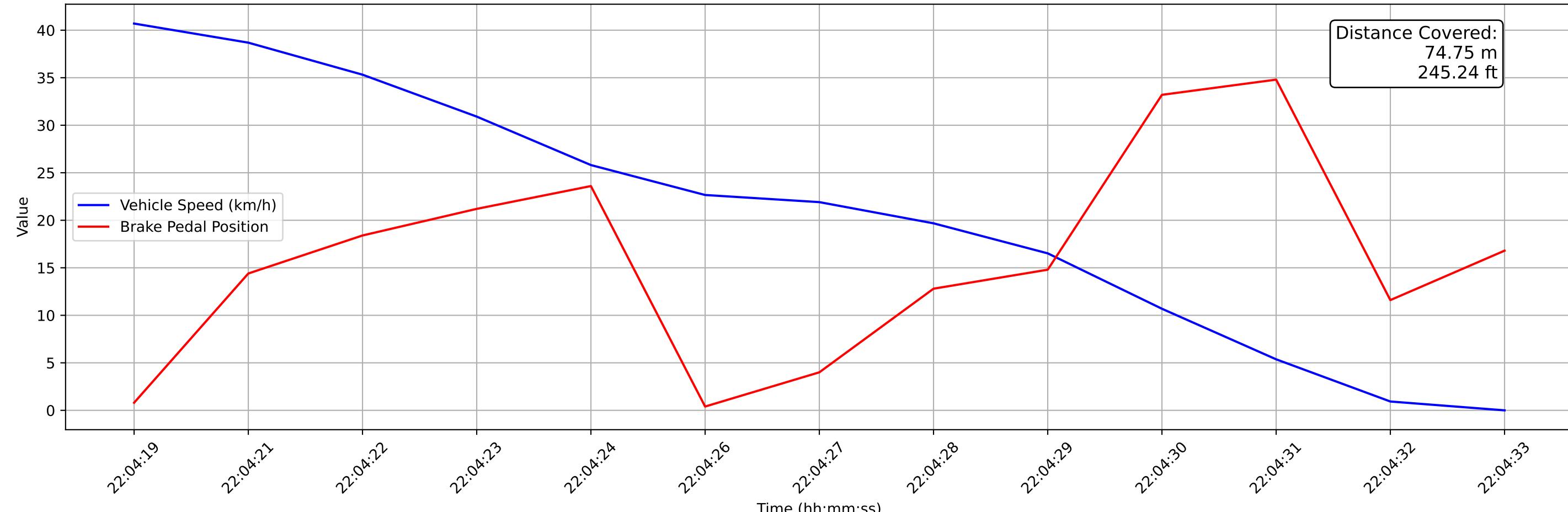
Analysis of Braking Events (14.08s to stop)

Event: 22/09/25 22:00:43 to 22/09/25 22:00:57



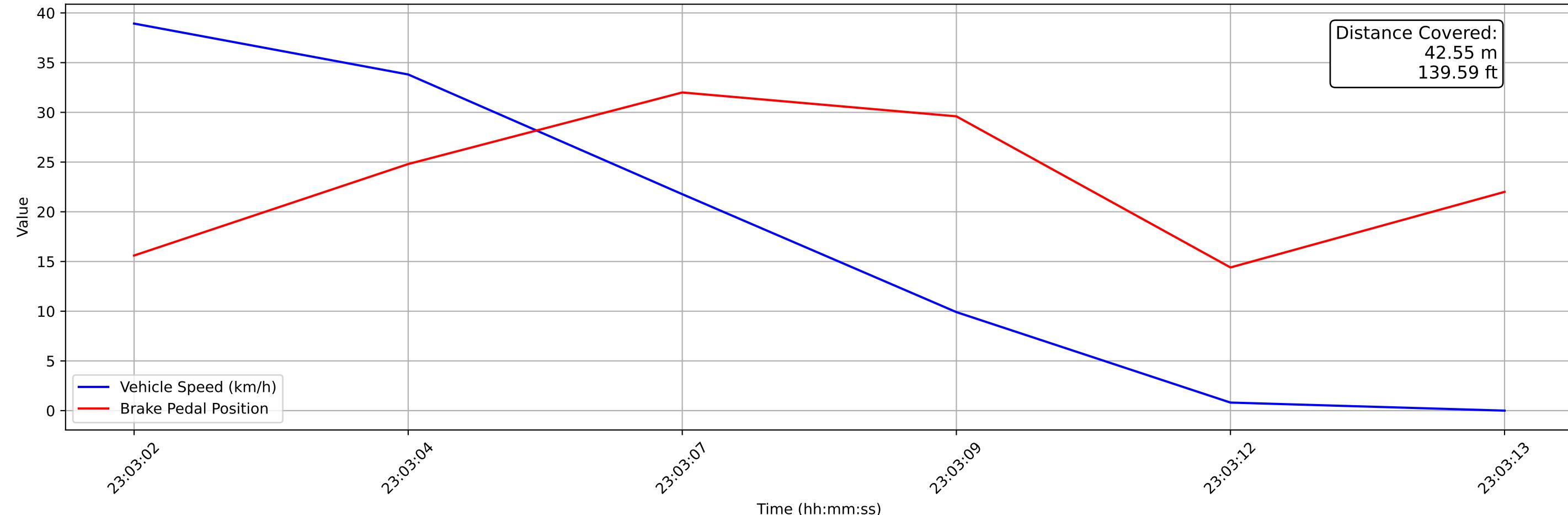
Analysis of Braking Events (13.80s to stop)

Event: 22/09/25 22:04:19 to 22/09/25 22:04:33



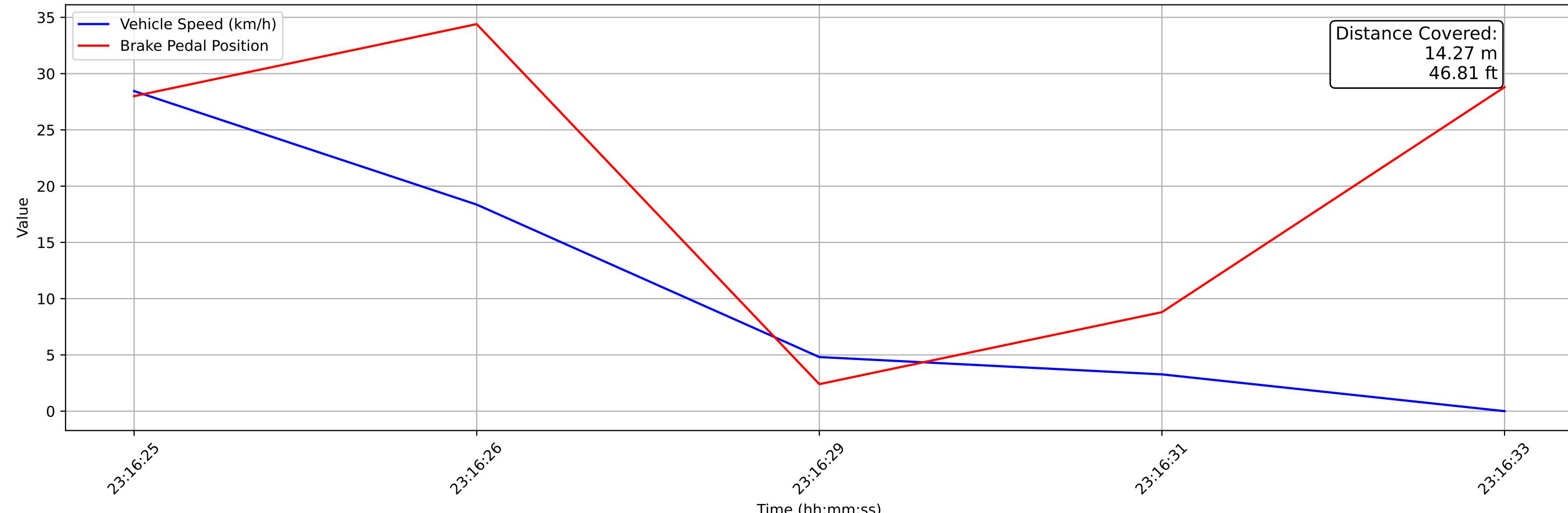
Analysis of Braking Events (11.30s to stop)

Event: 22/09/25 23:03:02 to 22/09/25 23:03:13



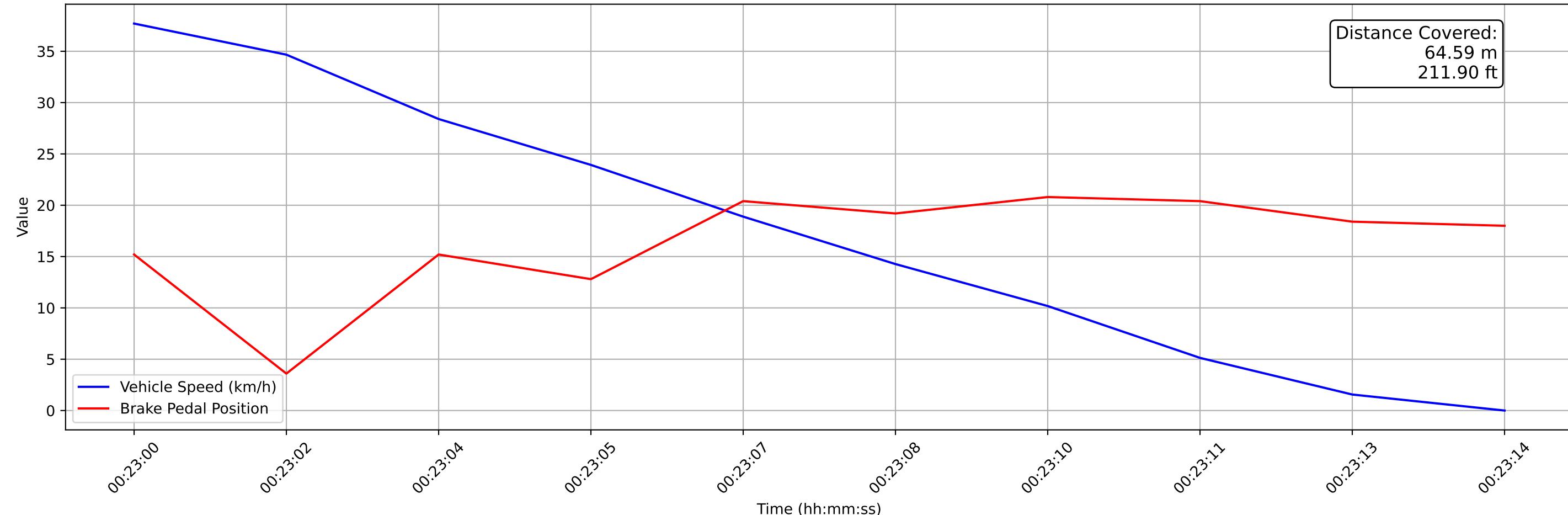
Analysis of Braking Events (8.72s to stop)

Event: 22/09/25 23:16:25 to 22/09/25 23:16:33



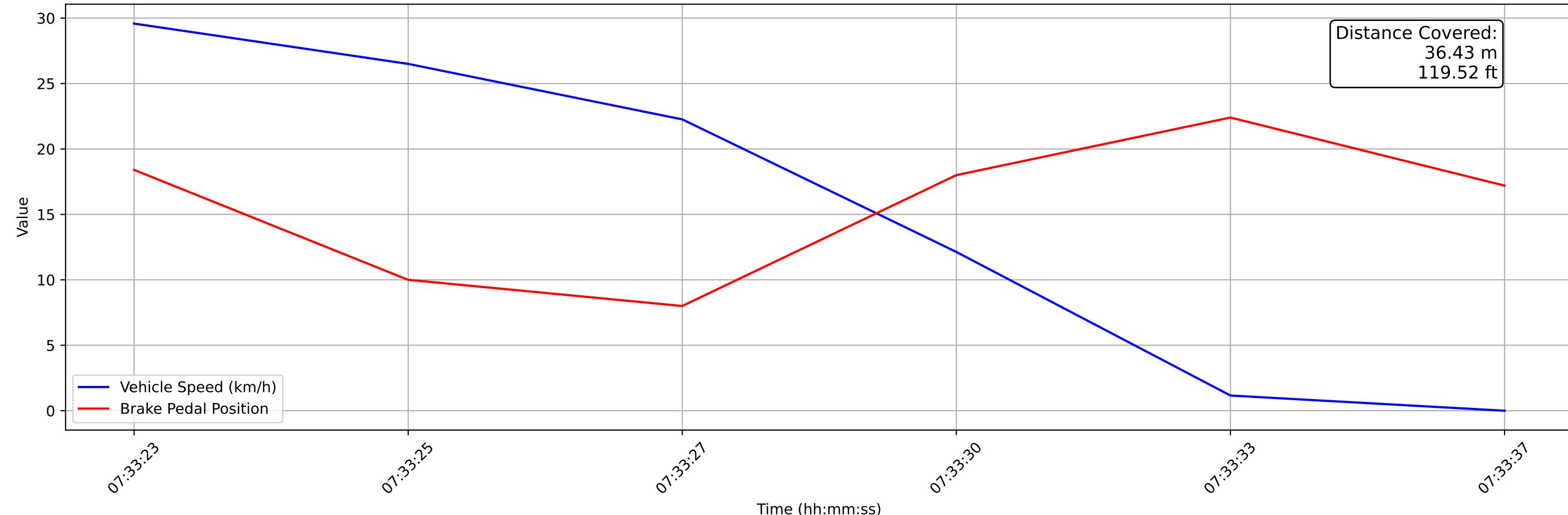
Analysis of Braking Events (14.22s to stop)

Event: 23/09/25 00:23:00 to 23/09/25 00:23:14



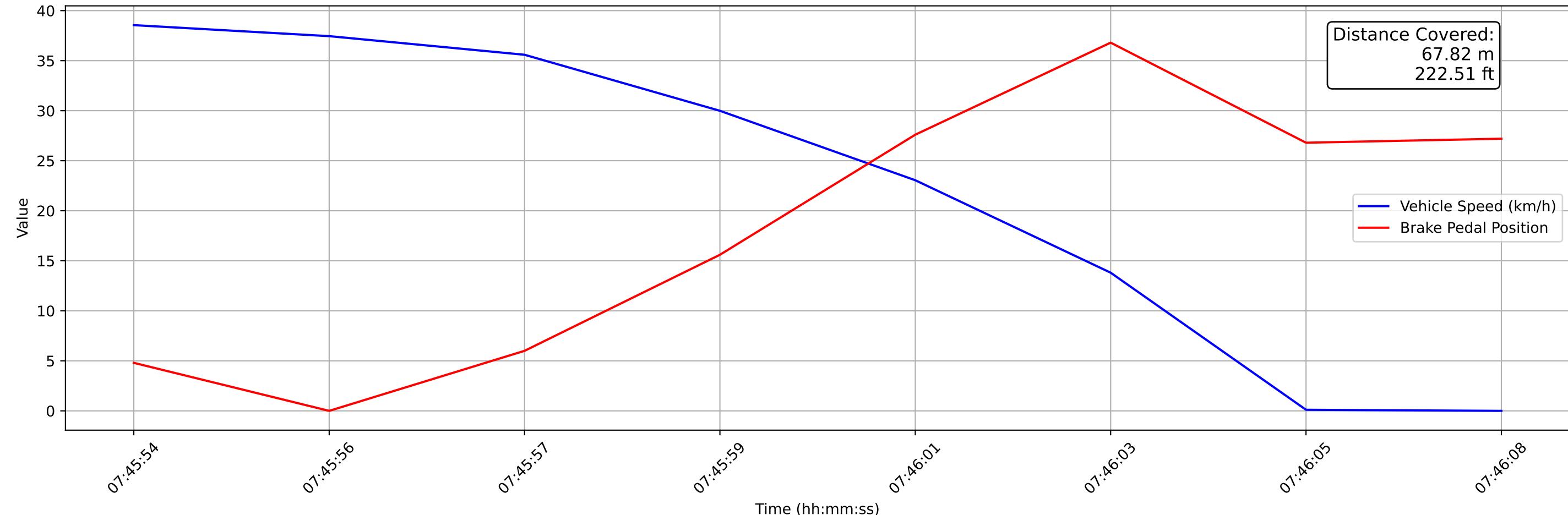
Analysis of Braking Events (13.78s to stop)

Event: 23/09/25 07:33:23 to 23/09/25 07:33:37



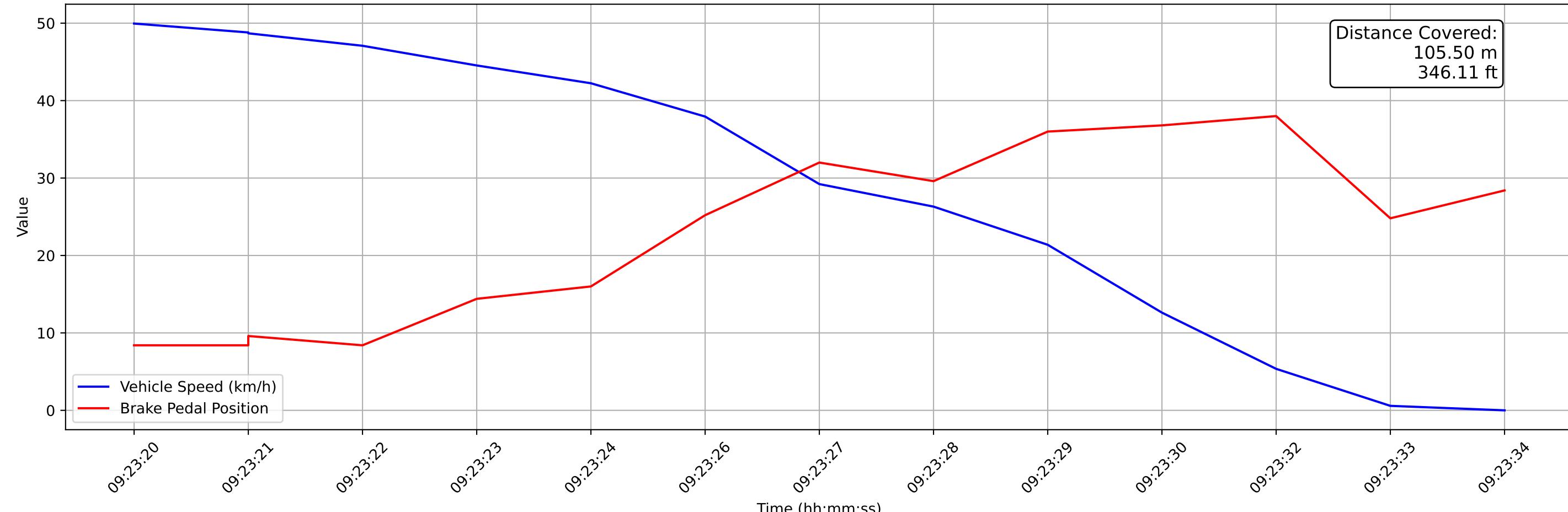
Analysis of Braking Events (13.44s to stop)

Event: 23/09/25 07:45:54 to 23/09/25 07:46:08



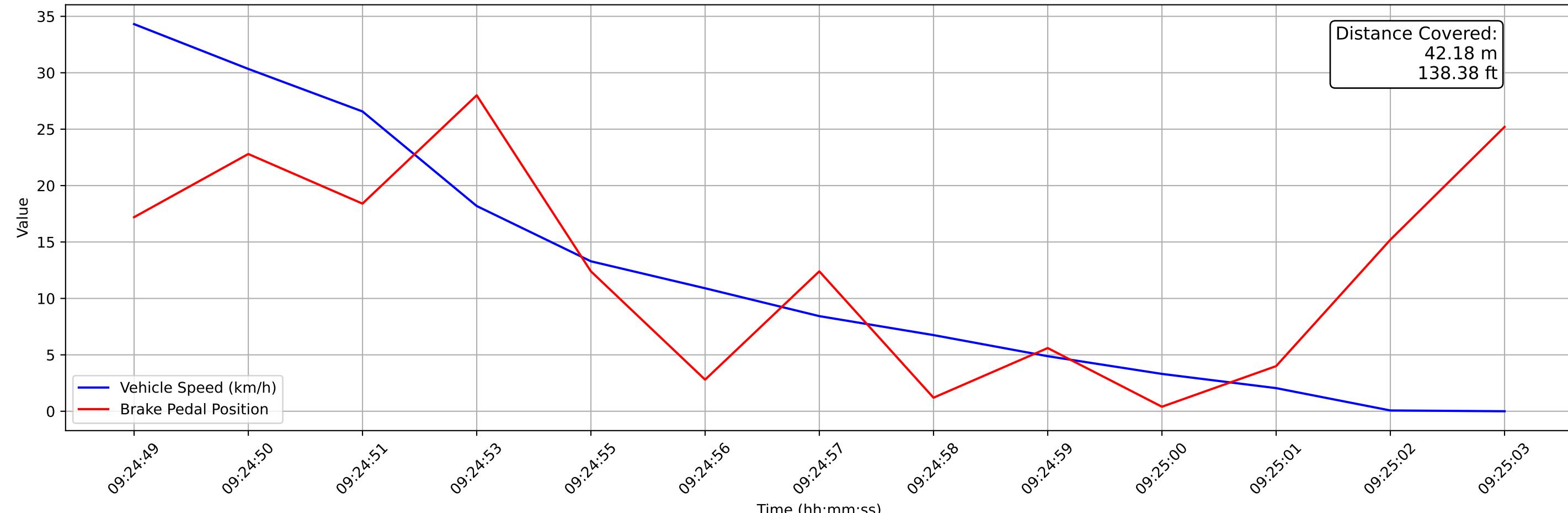
Analysis of Braking Events (14.37s to stop)

Event: 23/09/25 09:23:20 to 23/09/25 09:23:34



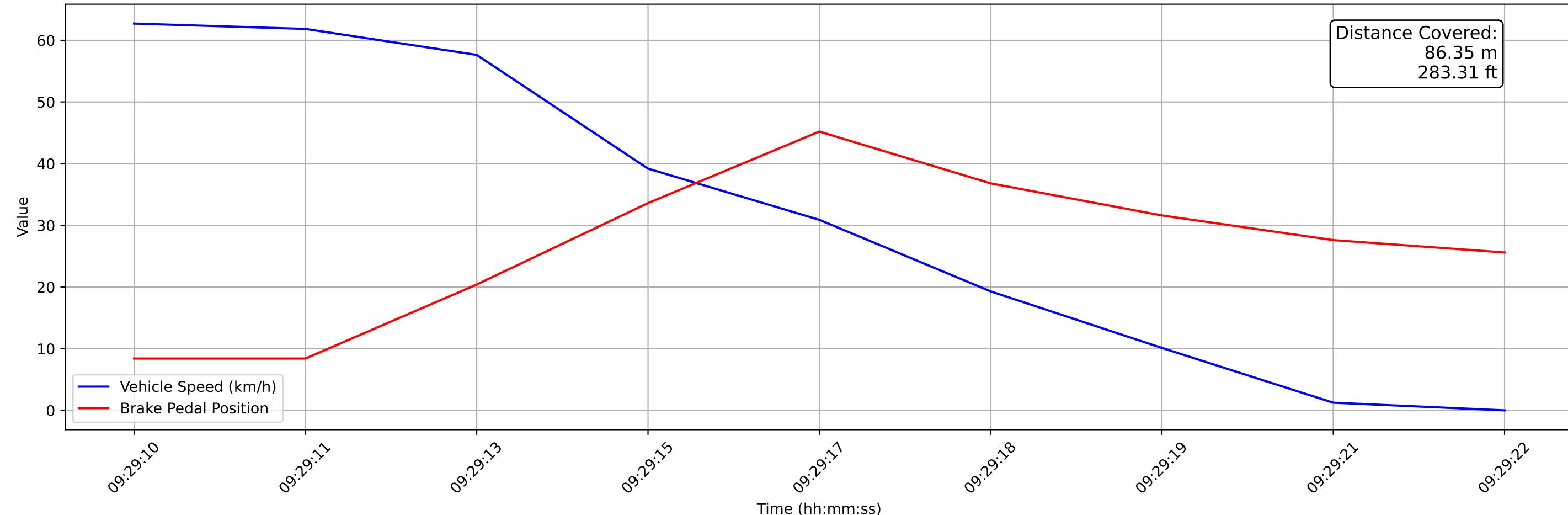
Analysis of Braking Events (14.14s to stop)

Event: 23/09/25 09:24:49 to 23/09/25 09:25:03



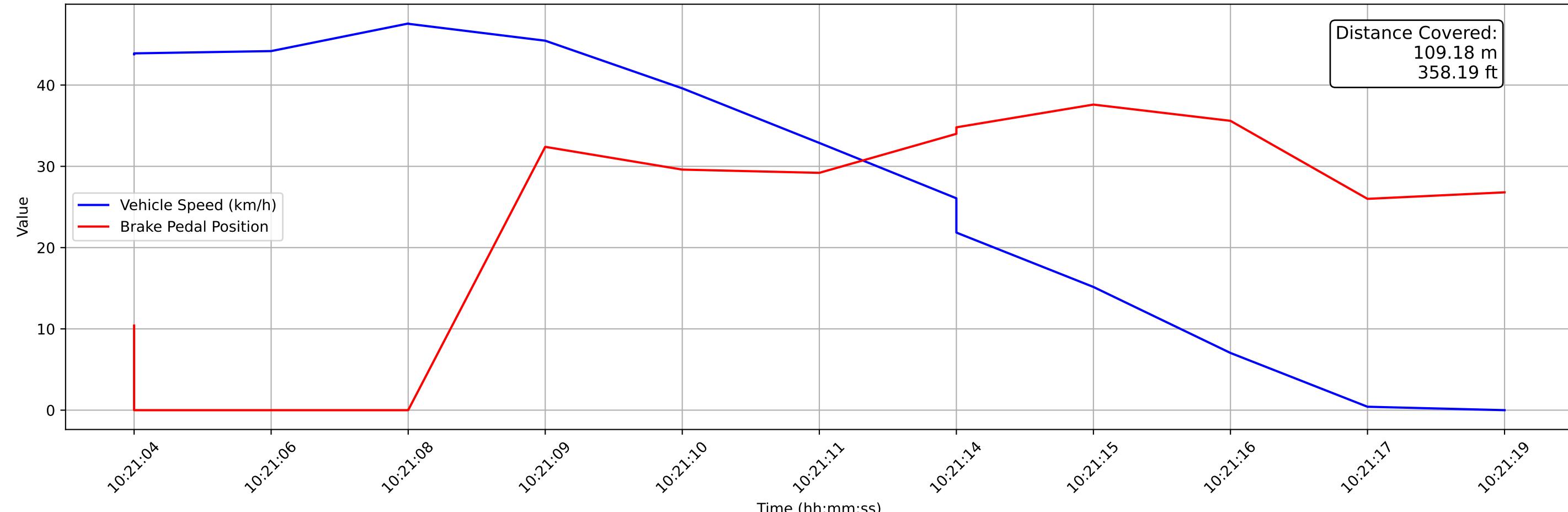
Analysis of Braking Events (11.58s to stop)

Event: 23/09/25 09:29:10 to 23/09/25 09:29:22



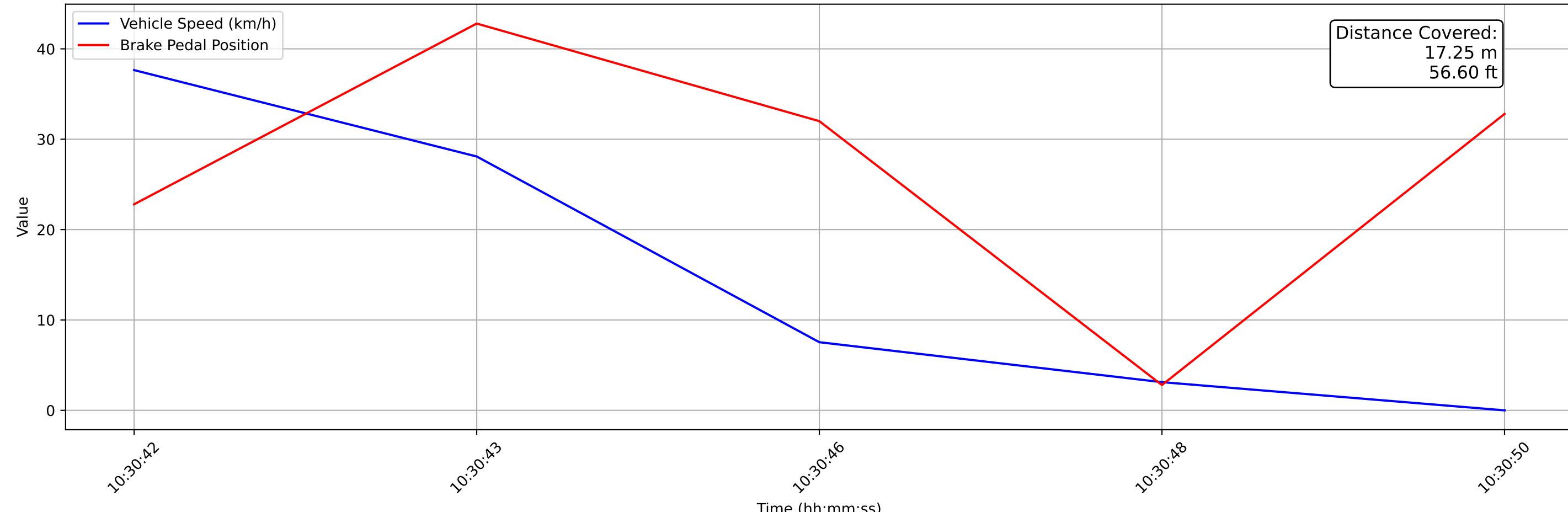
Analysis of Braking Events (14.80s to stop)

Event: 23/09/25 10:21:04 to 23/09/25 10:21:19



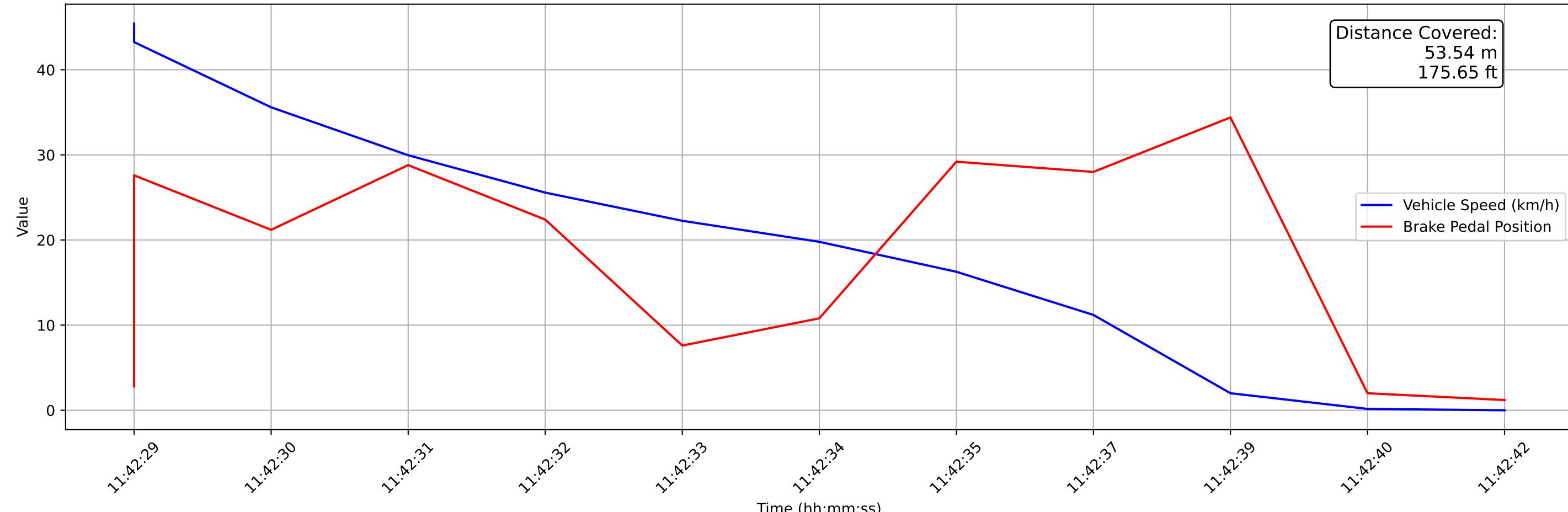
Analysis of Braking Events (7.50s to stop)

Event: 23/09/25 10:30:42 to 23/09/25 10:30:50



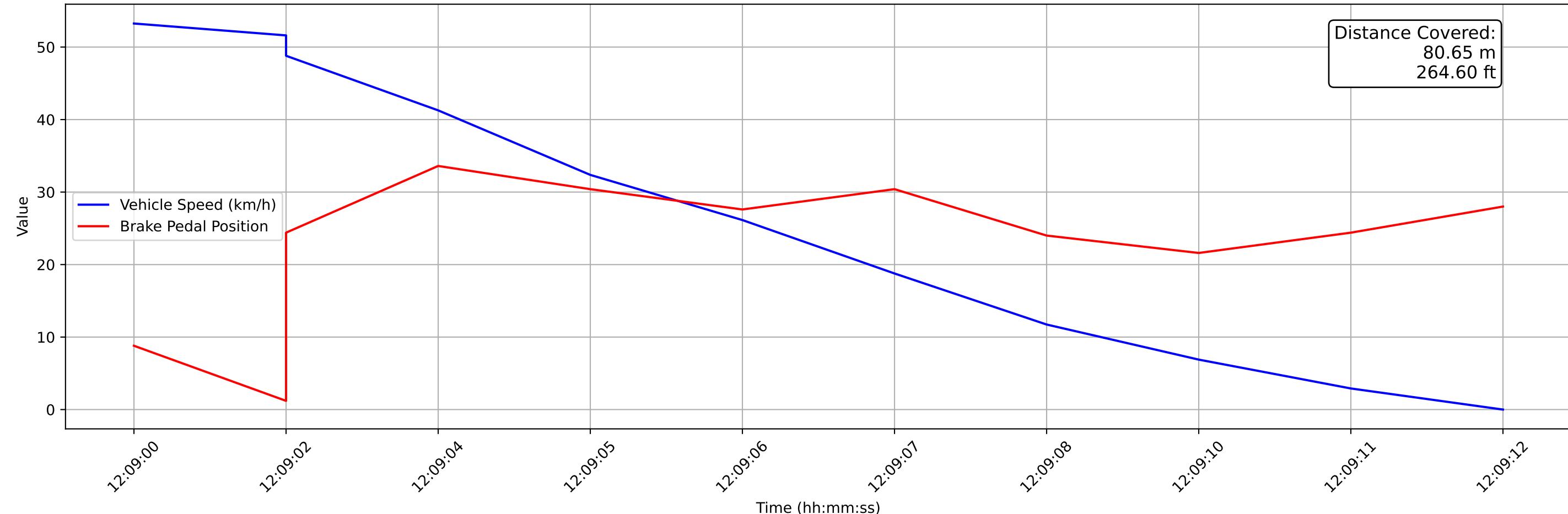
Analysis of Braking Events (13.11s to stop)

Event: 23/09/25 11:42:29 to 23/09/25 11:42:42



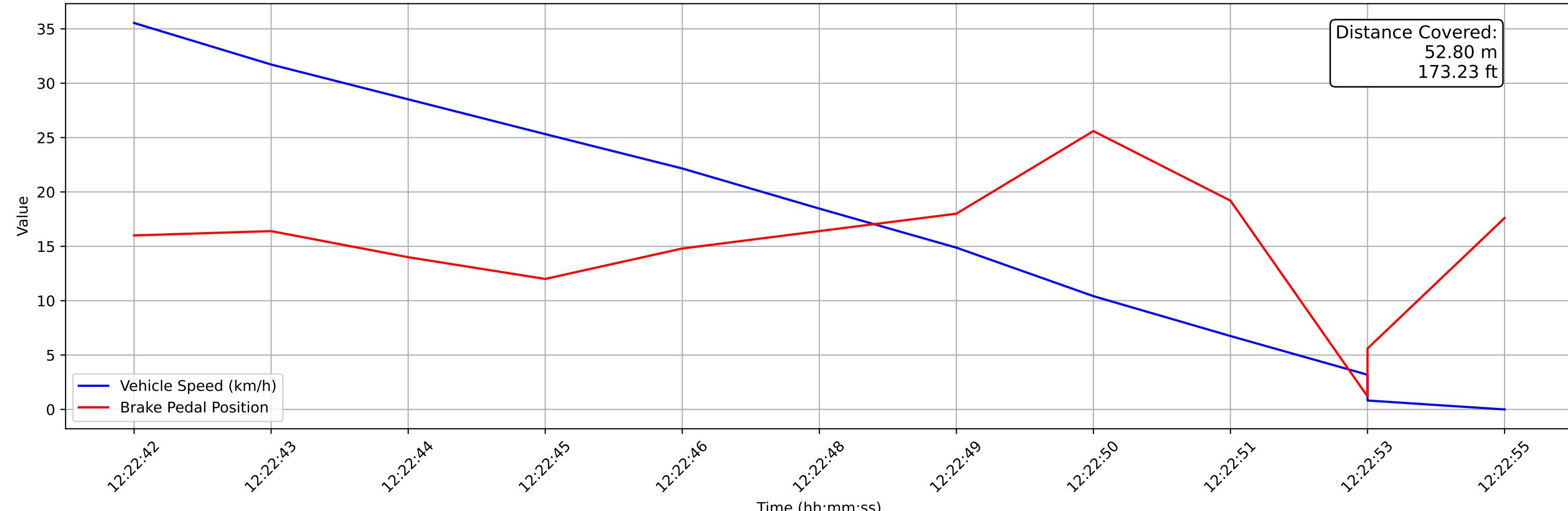
Analysis of Braking Events (12.00s to stop)

Event: 23/09/25 12:09:00 to 23/09/25 12:09:12



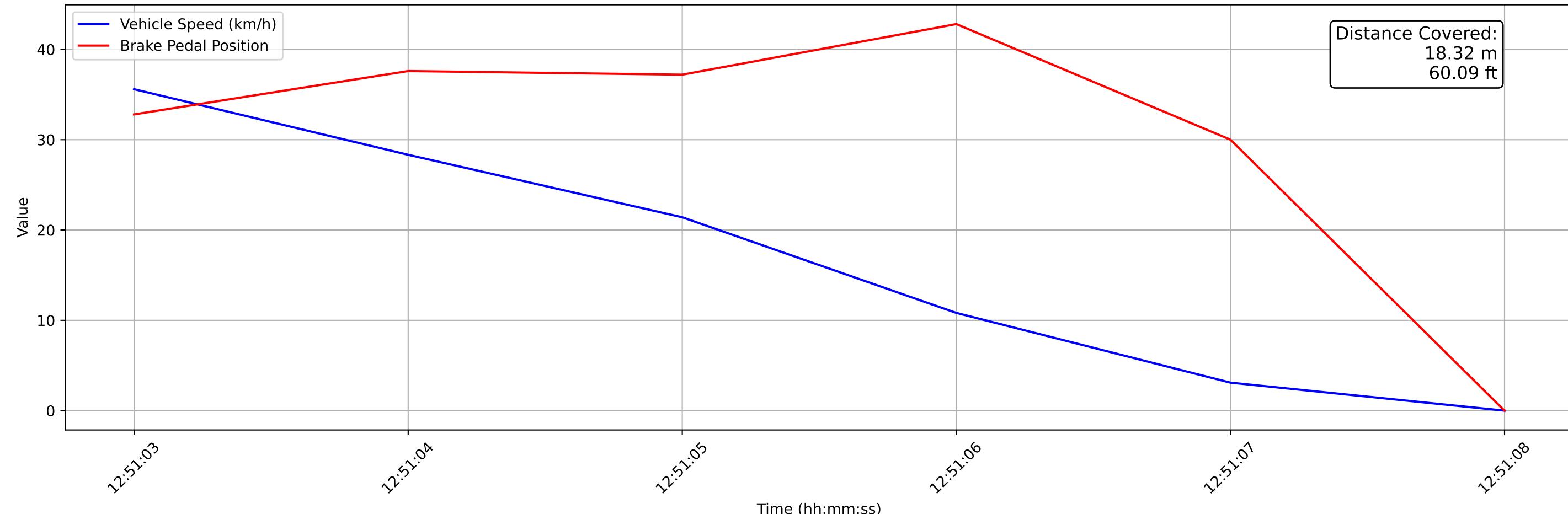
Analysis of Braking Events (13.42s to stop)

Event: 23/09/25 12:22:42 to 23/09/25 12:22:55



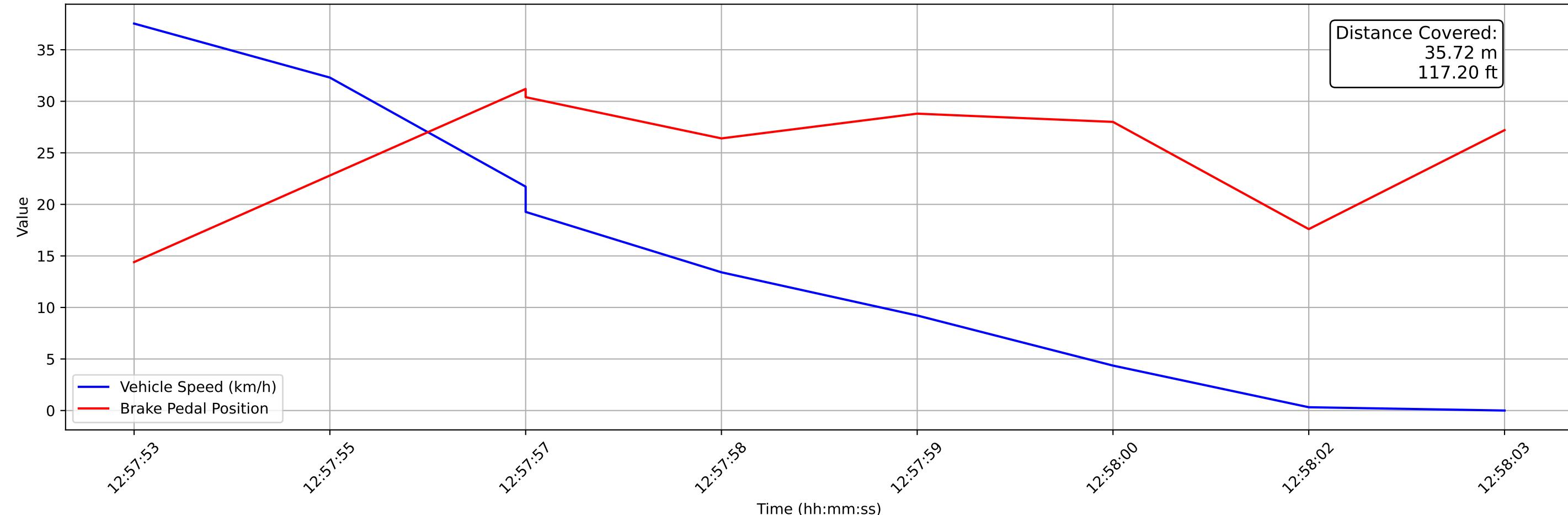
Analysis of Braking Events (5.50s to stop)

Event: 23/09/25 12:51:03 to 23/09/25 12:51:08



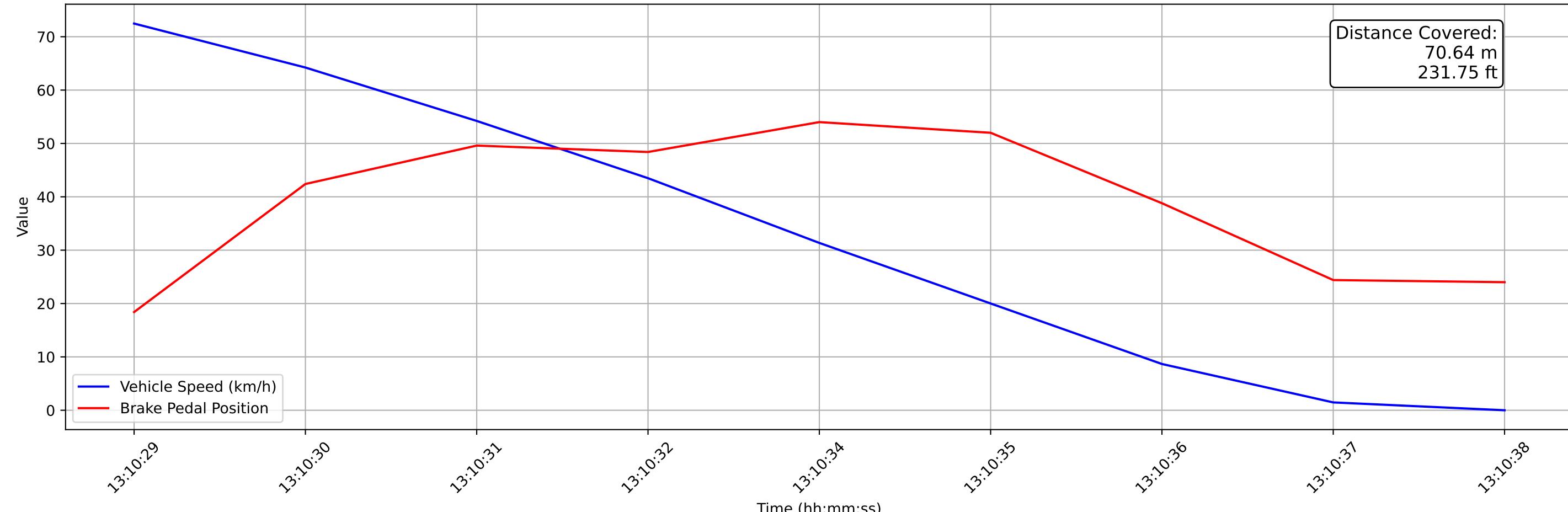
Analysis of Braking Events (9.53s to stop)

Event: 23/09/25 12:57:53 to 23/09/25 12:58:03



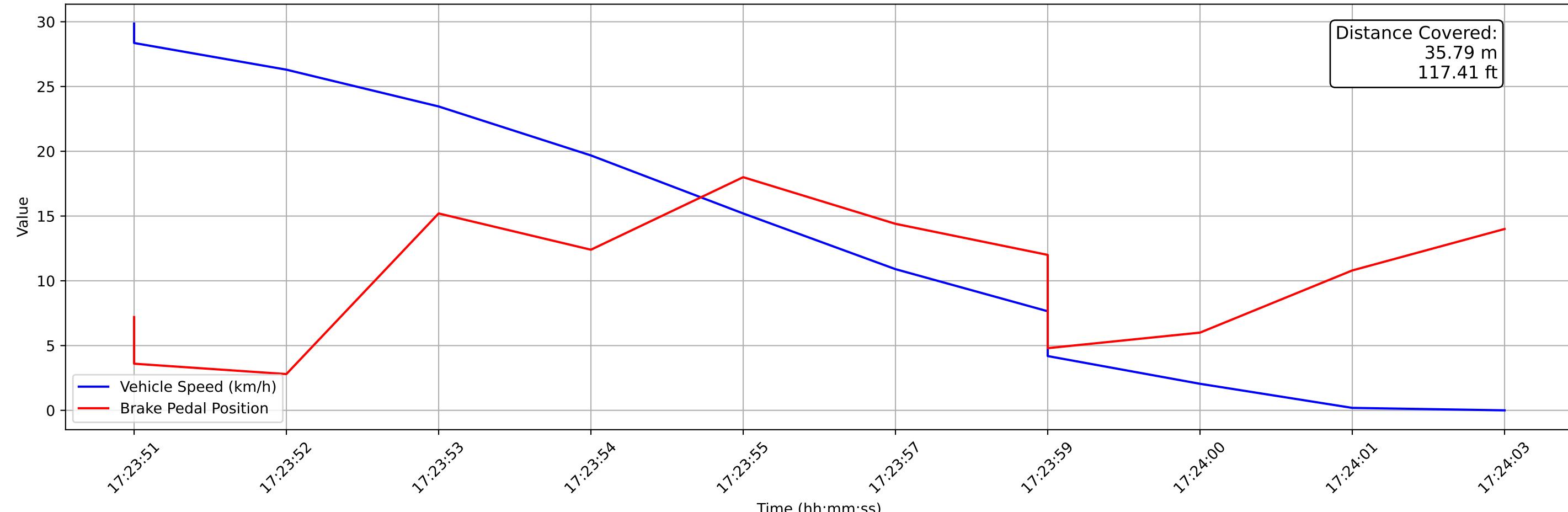
Analysis of Braking Events (8.98s to stop)

Event: 23/09/25 13:10:29 to 23/09/25 13:10:38



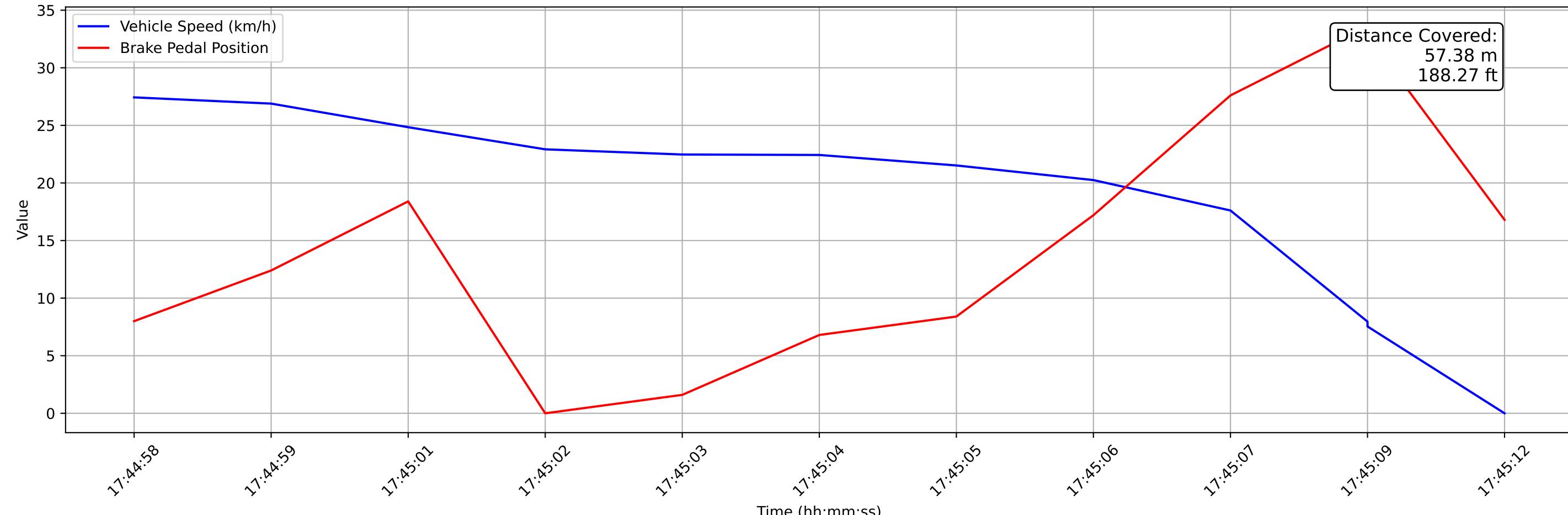
Analysis of Braking Events (12.32s to stop)

Event: 23/09/25 17:23:51 to 23/09/25 17:24:03



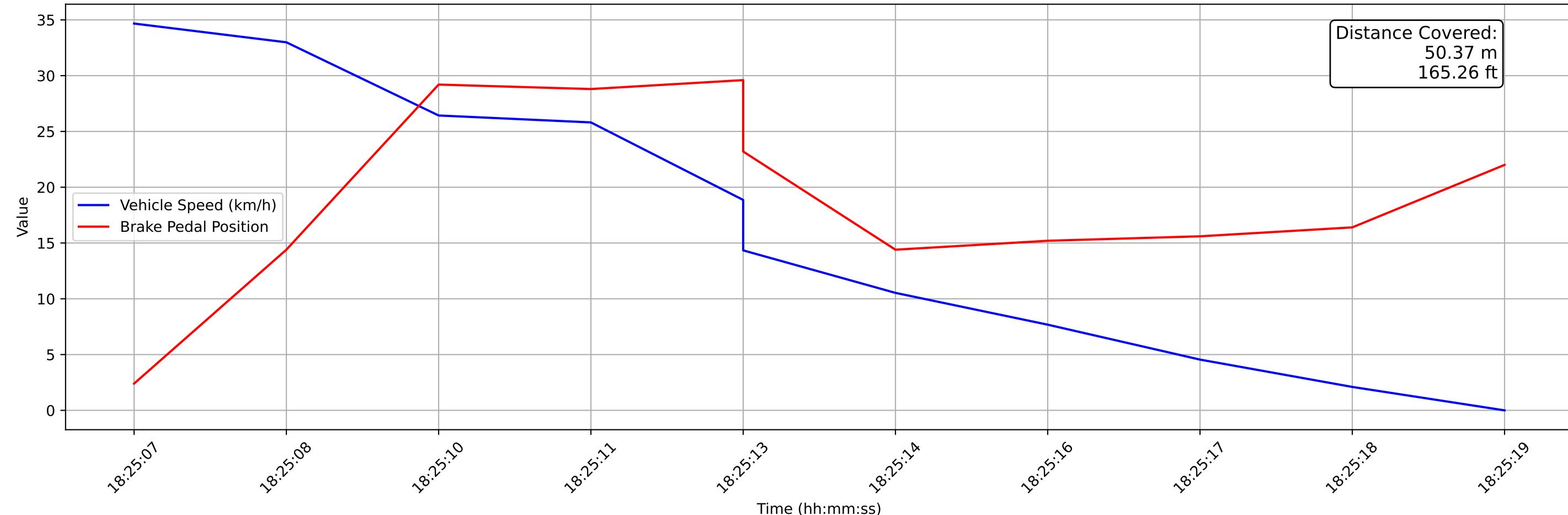
Analysis of Braking Events (13.06s to stop)

Event: 23/09/25 17:44:58 to 23/09/25 17:45:12



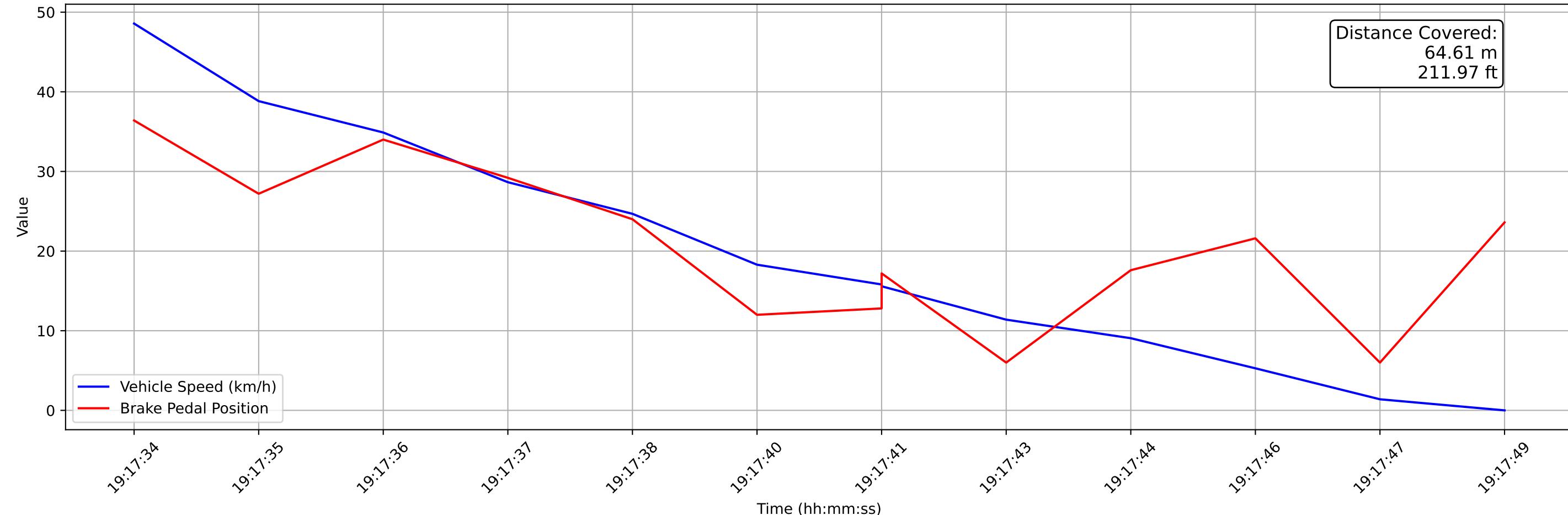
Analysis of Braking Events (12.24s to stop)

Event: 23/09/25 18:25:07 to 23/09/25 18:25:19



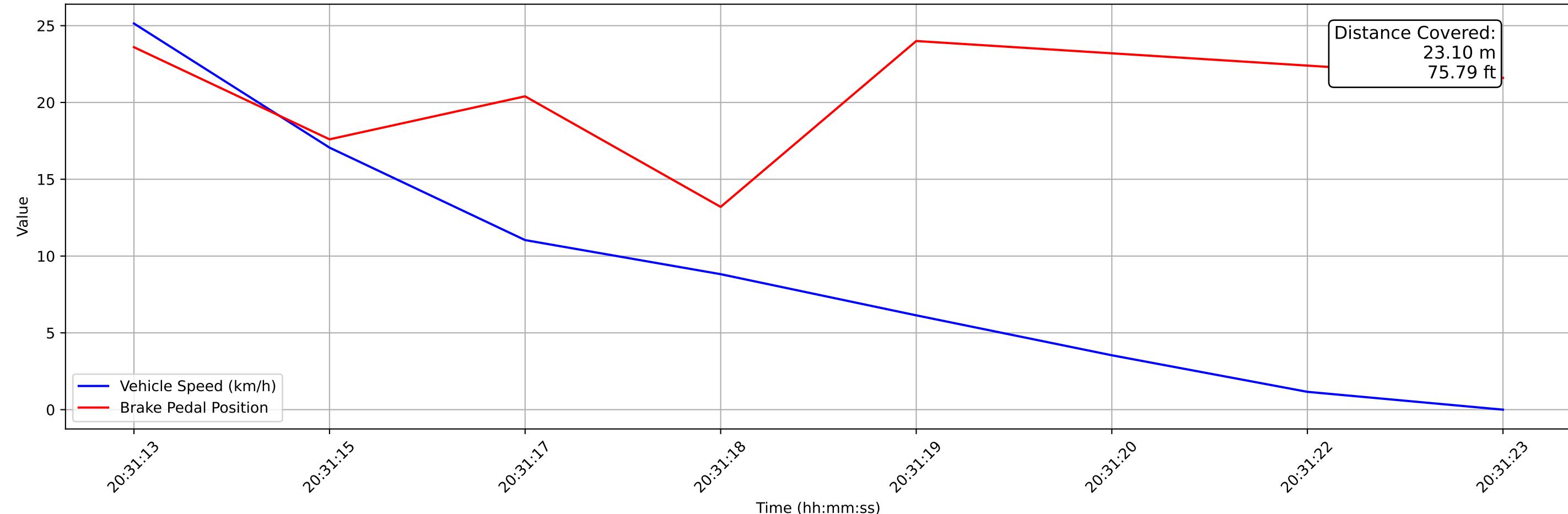
Analysis of Braking Events (14.80s to stop)

Event: 23/09/25 19:17:34 to 23/09/25 19:17:49



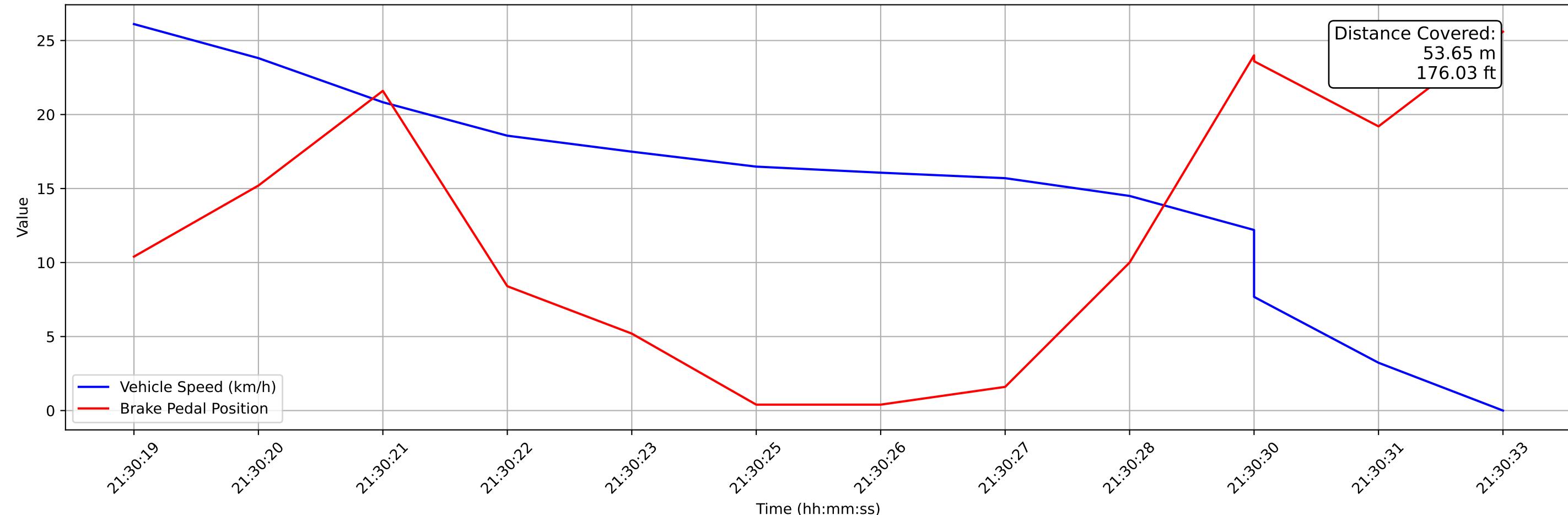
Analysis of Braking Events (10.24s to stop)

Event: 23/09/25 20:31:13 to 23/09/25 20:31:23



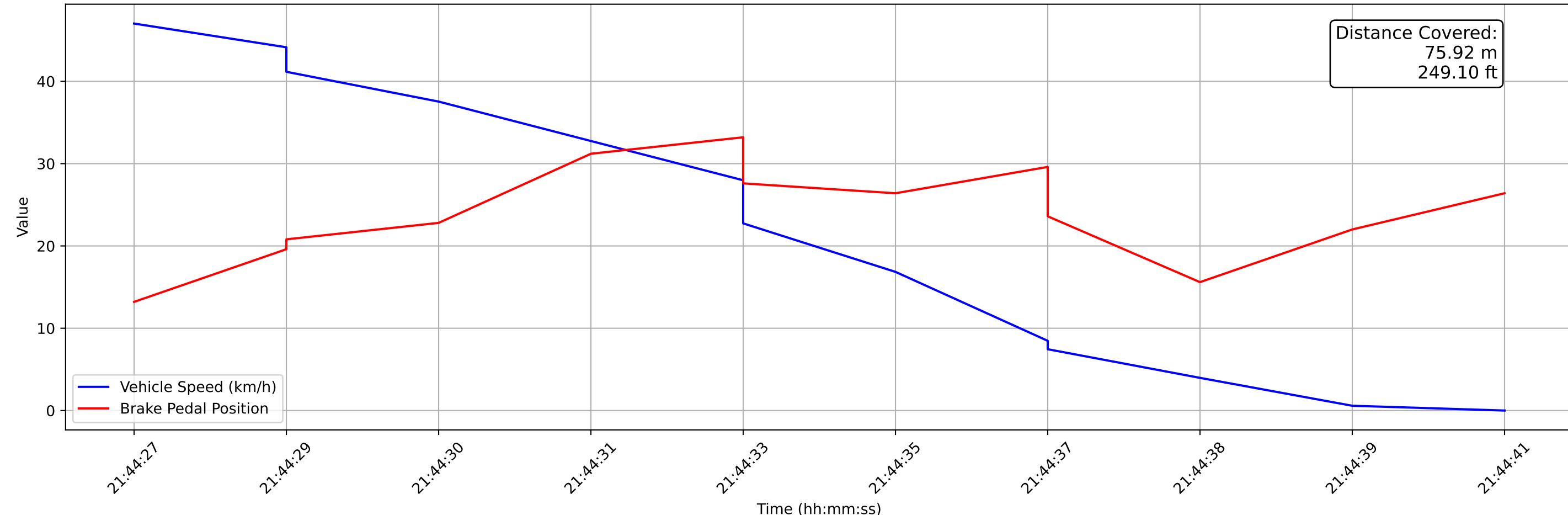
Analysis of Braking Events (14.40s to stop)

Event: 23/09/25 21:30:19 to 23/09/25 21:30:33



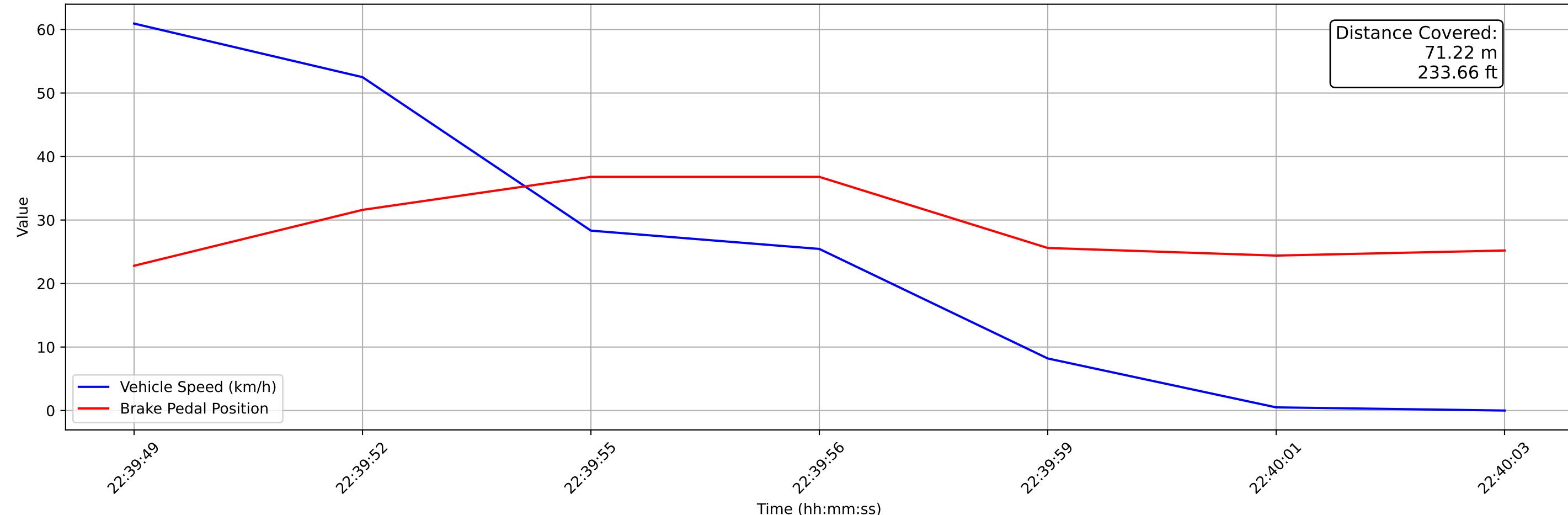
Analysis of Braking Events (14.02s to stop)

Event: 23/09/25 21:44:27 to 23/09/25 21:44:41



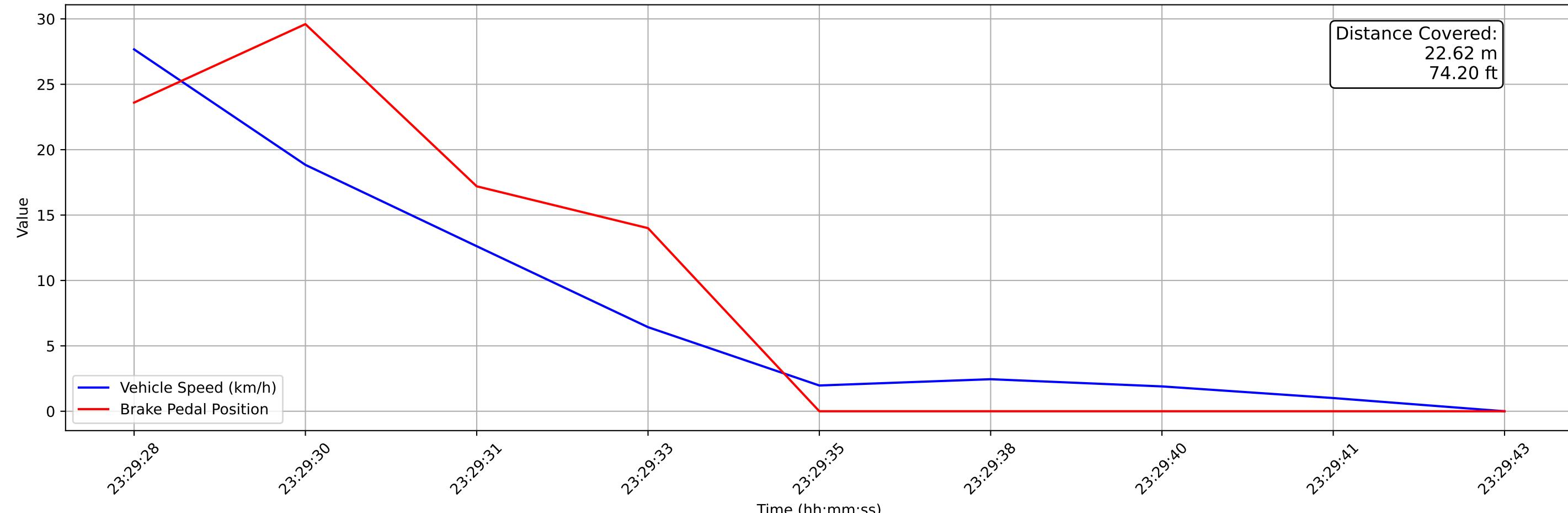
Analysis of Braking Events (13.58s to stop)

Event: 23/09/25 22:39:49 to 23/09/25 22:40:03



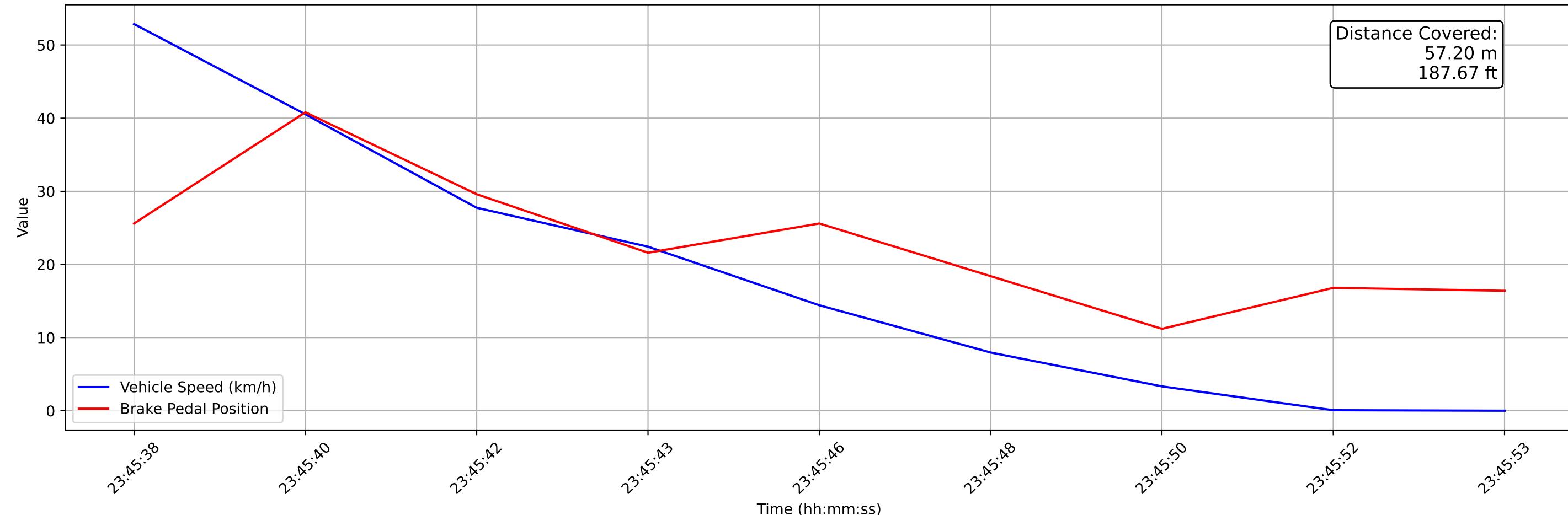
Analysis of Braking Events (14.94s to stop)

Event: 23/09/25 23:29:28 to 23/09/25 23:29:43



Analysis of Braking Events (14.92s to stop)

Event: 23/09/25 23:45:38 to 23/09/25 23:45:53



Analysis of Braking Events (14.58s to stop)

Event: 23/09/25 23:55:56 to 23/09/25 23:56:10

