APPENDIX A – GAP & QUEUE STUDY – 2018 STUDY

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Barbara Dr Santa Rosa Rd
City: Camarillo

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:32	7:30:41	0:00:09	No	No
7:30:42	7:30:51	0:00:09	No	No
7:31:57	7:32:04	0:00:07	No	No
7:32:10	7:32:15	0:00:05	No	No
7:32:57	7:33:02	0:00:05	No	No
7:34:52	7:34:59	0:00:07	No	No
7:36:39	7:36:51	0:00:12	No	No
7:37:39	7:37:44	0:00:05	No	No
7:38:25	7:38:30	0:00:05	No	No
7:38:37	7:38:48	0:00:11	No	No
7:38:48	7:38:58	0:00:10	No	No
7:40:45	7:40:50	0:00:05	No	No
7:40:56	7:41:02	0:00:06	No	No
7:41:54	7:41:59	0:00:05	No	No
7:42:33	7:42:51	0:00:18	No	No
7:44:28	7:44:35	0:00:07	No	No
7:44:40	7:44:51	0:00:11	No	No
7:44:51	7:45:01	0:00:10	No	No
7:46:24	7:46:29	0:00:05	No	No
7:47:14	7:47:19	0:00:05	No	No
7:49:41	7:49:47	0:00:06	No	No
7:52:51	7:52:56	0:00:05	No	No
7:54:31	7:54:36	0:00:05	No	No
7:54:36	7:54:43	0:00:07	No	No
7:55:53	7:56:12	0:00:19	No	No
7:56:35	7:56:45	0:00:10	No	No
7:56:45	7:56:54	0:00:09	No	No
7:58:30	7:58:35	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Barbara Dr Santa Rosa Rd
City: Camarillo

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:10	17:00:16	0:00:06	No	No
17:00:25	17:00:36	0:00:11	No	No
17:00:36	17:00:43	0:00:07	No	No
17:02:41	17:02:53	0:00:12	No	No
17:02:53	17:02:58	0:00:05	No	No
17:03:03	17:03:11	0:00:08	No	No
17:03:33	17:03:42	0:00:09	No	No
17:03:46	17:03:57	0:00:11	No	No
17:04:20	17:04:30	0:00:10	No	No
17:06:54	17:07:00	0:00:06	No	No
17:08:02	17:08:07	0:00:05	No	No
17:08:34	17:08:40	0:00:06	No	No
17:10:21	17:10:28	0:00:07	No	No
17:10:46	17:10:51	0:00:05	No	No
17:12:50	17:13:01	0:00:11	No	No
17:13:01	17:13:08	0:00:07	No	No
17:14:50	17:14:59	0:00:09	No	No
17:14:59	17:15:05	0:00:06	No	No
17:15:18	17:15:23	0:00:05	No	No
17:18:04	17:18:36	0:00:32	No	No
17:18:53	17:19:01	0:00:08	No	No
17:19:01	17:19:08	0:00:07	No	No
17:19:20	17:19:25	0:00:05	No	No
17:21:03	17:21:15	0:00:12	Yes	No
17:21:22	17:21:30	0:00:08	No	No
17:24:18	17:24:28	0:00:10	No	No
17:25:02	17:25:08	0:00:06	No	No
17:25:46	17:25:56	0:00:10	No	No
17:26:24	17:26:37	0:00:13	No	No
17:26:45	17:26:52	0:00:07	No	No
17:26:52	17:27:00	0:00:08	No	No
17:27:05	17:27:10	0:00:05	No	No
17:28:39	17:28:45	0:00:06	No	No
17:28:45	17:28:50	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Barbara Dr Santa Rosa Rd
City: Camarillo

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	0	0	0	0
7:31 AM	0		0	
7:32 AM	0		0	
7:33 AM	0		0	
7:34 AM	0		0	
7:35 AM	0	2	0	0
7:36 AM	1		0	
7:37 AM	2		0	
7:38 AM	0		0	
7:39 AM	0		0	
7:40 AM	0	0	0	0
7:41 AM	0		0	
7:42 AM	0		0	
7:43 AM	0		0	
7:44 AM	0		0	
7:45 AM	0	1	0	0
7:46 AM	1		0	
7:47 AM	0		0	
7:48 AM	1		0	
7:49 AM	1		0	
7:50 AM	0	1	0	0
7:51 AM	0		0	
7:52 AM	0		0	
7:53 AM	0		0	
7:54 AM	1		0	
7:55 AM	0	0	0	0
7:56 AM	0		0	
7:57 AM	0		0	
7:58 AM	0		0	
7:59 AM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Barbara Dr Santa Rosa Rd
City: Camarillo

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM	0	0	0	0
5:01 PM	0		0	
5:02 PM	0		0	
5:03 PM	0		0	
5:04 PM	0		0	
5:05 PM	0	0	0	1
5:06 PM	0		1	
5:07 PM	0		0	
5:08 PM	0		0	
5:09 PM	0		0	
5:10 PM	0	0	0	0
5:11 PM	0		0	
5:12 PM	0		0	
5:13 PM	0		0	
5:14 PM	0		0	
5:15 PM	0	0	0	0
5:16 PM	0		0	
5:17 PM	0		0	
5:18 PM	0		0	
5:19 PM	0		0	
5:20 PM	0	1	1	1
5:21 PM	0		0	
5:22 PM	1		0	
5:23 PM	0		0	
5:24 PM	0		0	
5:25 PM	0	1	0	0
5:26 PM	0		0	
5:27 PM	1		0	
5:28 PM	0		0	
5:29 PM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Holiday Pines Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:31:25	7:31:31	0:00:06	No	No
7:31:43	7:31:49	0:00:06	No	No
7:32:59	7:33:04	0:00:05	No	No
7:35:58	7:36:05	0:00:07	No	No
7:36:55	7:37:00	0:00:05	No	No
7:46:59	7:47:04	0:00:05	No	No
7:48:19	7:48:24	0:00:05	No	No
7:48:58	7:49:03	0:00:05	No	No
7:54:51	7:54:57	0:00:06	No	No
7:55:06	7:55:11	0:00:05	No	No
7:55:16	7:55:21	0:00:05	No	No
7:56:50	7:56:55	0:00:05	No	No
7:58:31	7:58:37	0:00:06	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Holiday Pines Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:05	17:00:10	0:00:05	No	No
17:00:18	17:00:26	0:00:08	No	No
17:00:26	17:00:35	0:00:09	No	No
17:00:38	17:00:43	0:00:05	No	No
17:01:01	17:01:09	0:00:08	No	No
17:02:23	17:02:28	0:00:05	No	No
17:03:07	17:03:19	0:00:12	No	No
17:04:07	17:04:13	0:00:06	No	No
17:05:00	17:05:05	0:00:05	No	No
17:05:05	17:05:13	0:00:08	No	No
17:06:59	17:07:25	0:00:26	No	No
17:08:42	17:08:49	0:00:07	No	No
17:09:22	17:09:28	0:00:06	No	No
17:10:43	17:10:54	0:00:11	No	No
17:12:59	17:13:04	0:00:05	No	No
17:14:18	17:14:23	0:00:05	No	No
17:15:26	17:15:31	0:00:05	No	No
17:17:08	17:17:13	0:00:05	No	No
17:18:10	17:18:24	0:00:14	No	No
17:18:24	17:18:29	0:00:05	No	No
17:18:58	17:19:03	0:00:05	No	No
17:20:09	17:20:16	0:00:07	No	No
17:20:16	17:20:31	0:00:15	No	No
17:20:34	17:20:40	0:00:06	No	No
17:23:51	17:23:56	0:00:05	No	No
17:24:27	17:24:32	0:00:05	No	No
17:26:27	17:26:34	0:00:07	No	No
17:26:34	17:26:40	0:00:06	No	No
17:26:40	17:26:45	0:00:05	No	No
17:27:42	17:27:47	0:00:05	No	No
17:29:52	17:30:06	0:00:14	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Holiday Pines Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM		0		0
7:31 AM				
7:32 AM				
7:33 AM				
7:34 AM				
7:35 AM		0		0
7:36 AM				
7:37 AM				
7:38 AM				
7:39 AM				
7:40 AM		0		0
7:41 AM				
7:42 AM				
7:43 AM				
7:44 AM				
7:45 AM		0		0
7:46 AM				
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		0	1	1
7:51 AM			1	
7:52 AM				
7:53 AM				
7:54 AM				
7:55 AM		0		0
7:56 AM				
7:57 AM				
7:58 AM				
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Holiday Pines Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		0		0
5:01 PM				
5:02 PM				
5:03 PM				
5:04 PM				
5:05 PM		0		0
5:06 PM				
5:07 PM				
5:08 PM				
5:09 PM				
5:10 PM		0		0
5:11 PM				
5:12 PM				
5:13 PM				
5:14 PM				
5:15 PM		0		1
5:16 PM				
5:17 PM			1	
5:18 PM				
5:19 PM				
5:20 PM		0		0
5:21 PM				
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM		0		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Duval Rd Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:25	7:30:31	0:00:06	No	No
7:30:31	7:30:36	0:00:05	No	No
7:30:54	7:31:02	0:00:08	No	No
7:31:30	7:31:37	0:00:07	No	No
7:31:57	7:32:05	0:00:08	No	No
7:32:08	7:32:17	0:00:09	No	No
7:34:06	7:34:14	0:00:08	No	No
7:36:06	7:36:11	0:00:05	No	No
7:37:17	7:37:22	0:00:05	No	No
7:46:21	7:46:26	0:00:05	Yes	Yes
7:46:33	7:46:43	0:00:10	No	No
7:46:56	7:47:01	0:00:05	No	No
7:53:59	7:54:04	0:00:05	No	No
7:57:27	7:57:35	0:00:08	Yes	Yes
7:57:57	7:58:06	0:00:09	Yes	No
7:58:10	7:58:16	0:00:06	Yes	No
7:59:48	7:59:54	0:00:06	Yes	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Duval Rd Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:00	17:00:05	0:00:05	No	No
17:00:36	17:00:42	0:00:06	No	No
17:00:59	17:01:08	0:00:09	Yes	No
17:02:02	17:02:14	0:00:12	No	No
17:02:14	17:02:24	0:00:10	No	No
17:03:23	17:03:32	0:00:09	No	No
17:03:40	17:03:48	0:00:08	No	No
17:03:54	17:04:04	0:00:10	No	No
17:04:04	17:04:27	0:00:23	No	No
17:04:27	17:04:32	0:00:05	No	No
17:05:19	17:05:24	0:00:05	No	No
17:05:52	17:05:57	0:00:05	No	No
17:06:00	17:06:06	0:00:06	No	No
17:07:46	17:07:51	0:00:05	No	No
17:08:09	17:08:15	0:00:06	No	No
17:09:14	17:09:21	0:00:07	No	No
17:10:21	17:10:27	0:00:06	No	No
17:10:58	17:11:04	0:00:06	No	No
17:13:47	17:13:52	0:00:05	Yes	No
17:14:04	17:14:10	0:00:06	Yes	No
17:14:20	17:14:29	0:00:09	No	No
17:14:39	17:14:53	0:00:14	No	No
17:16:04	17:16:13	0:00:09	No	No
17:18:15	17:18:24	0:00:09	No	No
17:19:48	17:19:53	0:00:05	No	No
17:21:52	17:22:07	0:00:15	No	No
17:22:10	17:22:19	0:00:09	No	No
17:22:23	17:22:28	0:00:05	No	No
17:23:58	17:24:06	0:00:08	No	No
17:24:11	17:24:39	0:00:28	No	No
17:28:12	17:28:18	0:00:06	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Duval Rd Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	1	1		0
7:31 AM	1			
7:32 AM				
7:33 AM				
7:34 AM	1			
7:35 AM		1		0
7:36 AM				
7:37 AM	1			
7:38 AM				
7:39 AM				
7:40 AM		1		0
7:41 AM				
7:42 AM	1			
7:43 AM	1			
7:44 AM				
7:45 AM	1	2		0
7:46 AM	2			
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		1		0
7:51 AM				
7:52 AM				
7:53 AM	1			
7:54 AM				
7:55 AM	1	4		0
7:56 AM	3			
7:57 AM	4			
7:58 AM	3			
7:59 AM	3			

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Duval Rd Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		1		0
5:01 PM	1			
5:02 PM				
5:03 PM	1			
5:04 PM				
5:05 PM		0		0
5:06 PM				
5:07 PM				
5:08 PM				
5:09 PM				
5:10 PM		1		1
5:11 PM				
5:12 PM	1			
5:13 PM	1		1	
5:14 PM	1		1	
5:15 PM		0		1
5:16 PM				
5:17 PM				
5:18 PM			1	
5:19 PM			1	
5:20 PM		1		0
5:21 PM				
5:22 PM				
5:23 PM	1			
5:24 PM				
5:25 PM		1		0
5:26 PM	1			
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Arletta Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:00	7:30:05	0:00:05	No	No
7:30:09	7:30:14	0:00:05	No	No
7:30:14	7:30:20	0:00:06	No	No
7:31:36	7:31:41	0:00:05	No	No
7:31:51	7:31:58	0:00:07	No	No
7:32:48	7:32:53	0:00:05	No	No
7:34:58	7:35:03	0:00:05	No	No
7:35:03	7:35:09	0:00:06	No	No
7:35:09	7:35:16	0:00:07	No	No
7:36:17	7:36:22	0:00:05	No	No
7:37:40	7:37:45	0:00:05	No	No
7:37:53	7:38:00	0:00:07	No	No
7:39:24	7:39:29	0:00:05	No	No
7:40:32	7:40:38	0:00:06	No	No
7:40:42	7:40:49	0:00:07	No	No
7:47:04	7:47:09	0:00:05	No	No
7:48:35	7:48:42	0:00:07	No	No
7:51:48	7:51:53	0:00:05	No	No
7:54:50	7:54:55	0:00:05	No	No
7:55:12	7:55:18	0:00:06	No	No
7:55:50	7:55:59	0:00:09	No	No
7:56:31	7:56:37	0:00:06	No	No
7:57:41	7:57:46	0:00:05	No	No
7:58:05	7:58:10	0:00:05	No	No
7:58:36	7:58:43	0:00:07	No	No
7:58:43	7:58:49	0:00:06	No	No
7:59:42	7:59:52	0:00:10	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Arletta Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:01:14	17:01:23	0:00:09	No	No
17:01:23	17:01:29	0:00:06	No	No
17:01:29	17:01:34	0:00:05	No	No
17:01:44	17:01:51	0:00:07	No	No
17:03:19	17:03:26	0:00:07	No	No
17:03:45	17:03:51	0:00:06	No	No
17:04:22	17:04:27	0:00:05	Yes	No
17:04:56	17:05:19	0:00:23	Yes	Yes
17:07:46	17:07:54	0:00:08	No	No
17:07:54	17:08:04	0:00:10	No	No
17:08:09	17:08:14	0:00:05	No	No
17:10:01	17:10:11	0:00:10	No	No
17:11:43	17:11:48	0:00:05	No	No
17:13:47	17:13:54	0:00:07	No	No
17:13:59	17:14:09	0:00:10	No	No
17:15:52	17:16:02	0:00:10	No	No
17:16:02	17:16:08	0:00:06	No	No
17:16:08	17:16:19	0:00:11	No	No
17:18:13	17:18:18	0:00:05	No	No
17:19:13	17:19:18	0:00:05	No	No
17:20:15	17:20:29	0:00:14	No	No
17:21:27	17:21:32	0:00:05	No	No
17:21:55	17:22:02	0:00:07	No	No
17:22:21	17:22:21	0:00:00	No	No
17:23:58	17:24:18	0:00:20	No	No
17:24:20	17:24:25	0:00:05	No	No
17:25:47	17:25:53	0:00:06	No	No
17:28:10	17:28:15	0:00:05	No	No
17:28:26	17:28:31	0:00:05	No	No
17:29:22	17:29:27	0:00:05	Yes	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Arletta Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	0	0	0	0
7:31 AM	0		0	
7:32 AM	0		0	
7:33 AM	0		0	
7:34 AM	0		0	
7:35 AM	1	1	0	0
7:36 AM	0		0	
7:37 AM	0		0	
7:38 AM	1		0	
7:39 AM	0		0	
7:40 AM	0	2	0	0
7:41 AM	0		0	
7:42 AM	0		0	
7:43 AM	2		0	
7:44 AM	1		0	
7:45 AM	1	1	0	0
7:46 AM	0		0	
7:47 AM	0		0	
7:48 AM	0		0	
7:49 AM	0		0	
7:50 AM	0	0	0	0
7:51 AM	0		0	
7:52 AM	0		0	
7:53 AM	0		0	
7:54 AM	0		0	
7:55 AM	0	0	0	0
7:56 AM	0		0	
7:57 AM	0		0	
7:58 AM	0		0	
7:59 AM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Arletta Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM	0	1	0	0
5:01 PM	0		0	
5:02 PM	0		0	
5:03 PM	0		0	
5:04 PM	1		0	
5:05 PM	1	1	0	1
5:06 PM	0		1	
5:07 PM	0		1	
5:08 PM	0		1	
5:09 PM	0		0	
5:10 PM	0	0	0	1
5:11 PM	0		0	
5:12 PM	0		1	
5:13 PM	0		1	
5:14 PM	0		0	
5:15 PM	0	0	1	1
5:16 PM	0		0	
5:17 PM	0		0	
5:18 PM	0		0	
5:19 PM	0		0	
5:20 PM	0	0	0	0
5:21 PM	0		0	
5:22 PM	0		0	
5:23 PM	0		0	
5:24 PM	0		0	
5:25 PM	1	1	1	1
5:26 PM	1		1	
5:27 PM	1		1	
5:28 PM	0		1	
5:29 PM	1		1	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Glenside Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:31:23	7:31:30	0:00:07	No	No
7:33:10	7:33:16	0:00:06	No	No
7:33:16	7:33:22	0:00:06	No	No
7:34:32	7:34:40	0:00:08	No	No
7:36:36	7:36:49	0:00:13	No	No
7:36:49	7:37:17	0:00:28	No	No
7:38:36	7:38:45	0:00:09	No	No
7:38:45	7:38:54	0:00:09	No	No
7:38:54	7:38:59	0:00:05	No	No
7:38:59	7:39:05	0:00:06	No	No
7:40:53	7:40:58	0:00:05	No	No
7:42:26	7:42:39	0:00:13	No	No
7:42:39	7:42:48	0:00:09	No	No
7:45:13	7:45:19	0:00:06	No	No
7:50:36	7:50:42	0:00:06	No	No
7:50:46	7:50:52	0:00:06	No	No
7:51:10	7:51:20	0:00:10	No	No
7:53:31	7:53:36	0:00:05	No	No
7:54:52	7:54:59	0:00:07	No	No
7:58:20	7:58:27	0:00:07	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Glenside Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:01:06	17:01:14	0:00:08	No	No
17:01:20	17:01:27	0:00:07	No	No
17:01:27	17:01:34	0:00:07	No	No
17:02:41	17:02:50	0:00:09	No	No
17:04:49	17:04:56	0:00:07	No	No
17:05:04	17:05:10	0:00:06	No	No
17:05:34	17:05:39	0:00:05	No	No
17:05:50	17:05:56	0:00:06	No	No
17:06:13	17:06:19	0:00:06	No	No
17:06:19	17:06:24	0:00:05	No	No
17:06:27	17:06:35	0:00:08	No	No
17:06:35	17:06:49	0:00:14	No	No
17:07:03	17:07:08	0:00:05	No	No
17:08:17	17:08:22	0:00:05	No	No
17:08:43	17:08:48	0:00:05	No	No
17:08:57	17:09:02	0:00:05	No	No
17:09:04	17:09:10	0:00:06	No	No
17:10:23	17:10:33	0:00:10	No	No
17:10:35	17:10:56	0:00:21	No	No
17:11:00	17:11:05	0:00:05	No	No
17:11:15	17:11:20	0:00:05	No	No
17:12:34	17:12:43	0:00:09	No	No
17:14:48	17:14:54	0:00:06	No	No
17:15:10	17:15:16	0:00:06	No	No
17:16:10	17:16:21	0:00:11	No	No
17:24:57	17:25:03	0:00:06	No	No
17:27:12	17:27:17	0:00:05	No	No
17:29:23	17:29:29	0:00:06	No	No
17:29:34	17:29:41	0:00:07	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Glenside Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	0	0	0	0
7:31 AM	0		0	
7:32 AM	0		0	
7:33 AM	0		0	
7:34 AM	0		0	
7:35 AM	0	1	0	0
7:36 AM	0		0	
7:37 AM	1		0	
7:38 AM	0		0	
7:39 AM	0		0	
7:40 AM	0	1	0	0
7:41 AM	0		0	
7:42 AM	0		0	
7:43 AM	0		0	
7:44 AM	1		0	
7:45 AM	2	3	0	1
7:46 AM	2		1	
7:47 AM	3		1	
7:48 AM	2		1	
7:49 AM	0		0	
7:50 AM	0	1	0	0
7:51 AM	0		0	
7:52 AM	1		0	
7:53 AM	0		0	
7:54 AM	0		0	
7:55 AM	0	1	0	0
7:56 AM	1		0	
7:57 AM	1		0	
7:58 AM	1		0	
7:59 AM	0		0	
5:00 PM	0	0	0	0
5:01 PM	0		0	
5:02 PM	0		0	
5:03 PM	0		0	
5:04 PM	0		0	
5:05 PM	0	0	0	1
5:06 PM	0		0	
5:07 PM	0		0	
5:08 PM	0		0	
5:09 PM	0		1	
5:10 PM	0	0	0	0
5:11 PM	0		0	
5:12 PM	0		0	
5:13 PM	0		0	
5:14 PM	0		0	
5:15 PM	0	0	0	0
5:16 PM	0		0	
5:17 PM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Glenside Ln Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:18 PM	0		0	
5:19 PM	0		0	
5:20 PM	1		0	
5:21 PM	0		1	
5:22 PM	0	1	0	1
5:23 PM	0		0	
5:24 PM	0		0	
5:25 PM	0		0	
5:26 PM	0		0	
5:27 PM	0	0	0	0
5:28 PM	0		0	
5:29 PM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Andalusia Dr Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:31:21	7:31:36	0:00:15	No	No
7:33:49	7:33:54	0:00:05	No	No
7:34:19	7:34:24	0:00:05	No	No
7:34:58	7:35:03	0:00:05	No	No
7:35:31	7:35:38	0:00:07	Yes	No
7:36:10	7:36:17	0:00:07	No	No
7:37:14	7:37:19	0:00:05	No	No
7:37:33	7:37:38	0:00:05	No	No
7:37:45	7:37:56	0:00:11	No	No
7:38:38	7:38:43	0:00:05	No	No
7:39:52	7:39:58	0:00:06	Yes	Yes
7:40:02	7:40:19	0:00:17	No	No
7:41:00	7:41:07	0:00:07	No	No
7:41:57	7:42:02	0:00:05	Yes	Yes
7:42:11	7:42:20	0:00:09	No	No
7:42:20	7:42:25	0:00:05	No	No
7:49:04	7:49:09	0:00:05	No	No
7:49:12	7:49:20	0:00:08	No	No
7:49:20	7:49:31	0:00:11	No	No
7:50:15	7:50:26	0:00:11	No	No
7:51:43	7:51:54	0:00:11	No	No
7:51:57	7:52:09	0:00:12	No	No
7:52:23	7:52:28	0:00:05	No	No
7:52:51	7:52:56	0:00:05	No	No
7:54:02	7:54:15	0:00:13	Yes	Yes
7:55:55	7:56:00	0:00:05	No	No
7:56:05	7:56:30	0:00:25	No	No
7:57:13	7:57:18	0:00:05	No	No
7:57:46	7:57:51	0:00:05	No	No
7:58:30	7:58:40	0:00:10	No	No
7:58:40	7:58:53	0:00:13	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Andalusia Dr Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:01:31	17:01:44	0:00:13	Yes	Yes
17:01:46	17:01:53	0:00:07	No	No
17:01:54	17:02:06	0:00:12	No	No
17:02:12	17:02:17	0:00:05	Yes	No
17:02:23	17:02:31	0:00:08	No	No
17:03:00	17:03:06	0:00:06	No	No
17:04:12	17:04:18	0:00:06	No	No
17:04:18	17:04:35	0:00:17	Yes	No
17:04:35	17:05:02	0:00:27	Yes	Yes
17:06:35	17:06:40	0:00:05	No	No
17:06:43	17:06:56	0:00:13	No	No
17:07:19	17:07:24	0:00:05	No	No
17:08:19	17:08:26	0:00:07	No	No
17:08:37	17:08:43	0:00:06	No	No
17:10:15	17:10:15	0:00:00	No	No
17:11:47	17:11:52	0:00:05	No	No
17:12:27	17:12:32	0:00:05	No	No
17:12:32	17:12:57	0:00:25	No	No
17:15:14	17:15:19	0:00:05	No	No
17:16:12	17:16:18	0:00:06	No	No
17:17:50	17:17:58	0:00:08	No	No
17:17:58	17:18:03	0:00:05	No	No
17:18:48	17:18:57	0:00:09	No	No
17:19:42	17:19:47	0:00:05	No	No
17:20:13	17:20:18	0:00:05	No	No
17:20:23	17:20:45	0:00:22	No	No
17:22:45	17:22:52	0:00:07	No	No
17:24:52	17:25:05	0:00:13	No	No
17:25:19	17:25:25	0:00:06	No	No
17:25:45	17:25:55	0:00:10	No	No
17:26:19	17:26:31	0:00:12	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Andalusia Dr Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	0	1	0	0
7:31 AM	1		0	
7:32 AM	0		0	
7:33 AM	0		0	
7:34 AM	0		0	
7:35 AM	1	1	0	0
7:36 AM	0		0	
7:37 AM	0		0	
7:38 AM	0		0	
7:39 AM	1		0	
7:40 AM	0	3	0	0
7:41 AM	3		0	
7:42 AM	0		0	
7:43 AM	0		0	
7:44 AM	0		0	
7:45 AM	1	1	0	0
7:46 AM	0		0	
7:47 AM	1		0	
7:48 AM	1		0	
7:49 AM	0		0	
7:50 AM	0	0	0	1
7:51 AM	0		0	
7:52 AM	0		0	
7:53 AM	0		1	
7:54 AM	0		0	
7:55 AM	0	0	1	1
7:56 AM	0		0	
7:57 AM	0		0	
7:58 AM	0		0	
7:59 AM	0		1	

Prepared by National Data & Surveying Services

SANTA ROSA RD BEFORE STUDY

Location: Andalusia Dr Santa Rosa Rd
City: Santa Rosa Valley

Day: Tuesday
Date: 9/25/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM	0	1	0	0
5:01 PM	0		0	
5:02 PM	0		0	
5:03 PM	0		0	
5:04 PM	1		0	
5:05 PM	1	1	0	1
5:06 PM	1		0	
5:07 PM	0		0	
5:08 PM	0		0	
5:09 PM	0		1	
5:10 PM	1	1	0	2
5:11 PM	1		1	
5:12 PM	0		1	
5:13 PM	0		1	
5:14 PM	0		2	
5:15 PM	0	0	0	1
5:16 PM	0		0	
5:17 PM	0		0	
5:18 PM	0		1	
5:19 PM	0		0	
5:20 PM	0	1	0	1
5:21 PM	1		1	
5:22 PM	1		1	
5:23 PM	0		0	
5:24 PM	0		0	
5:25 PM	0	1	0	2
5:26 PM	0		0	
5:27 PM	0		0	
5:28 PM	0		1	
5:29 PM	1		2	

APPENDIX B – TURNING MOVEMENT COUNTS – 2018 STUDY

National Data & Surveying Services

Intersection Turning Movement Count

Location: Barbara Dr & Santa Rosa Rd
City: Camarillo
Control: 1-Way Stop (SB)

Project ID: 18-05647-001
Date: 9/25/2018

Total

NS/EW Streets:	Barbara Dr				Barbara Dr				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	3	0	1	0	0	158	0	0	0	260	1	0	423
7:15 AM	0	0	0	0	1	0	5	0	1	194	0	0	0	293	1	0	495
7:30 AM	0	0	0	0	0	0	3	0	1	242	0	0	0	302	0	0	548
7:45 AM	0	0	0	0	2	0	1	0	0	214	0	0	0	314	0	0	531
8:00 AM	0	0	0	0	2	0	0	0	0	142	0	0	0	317	1	0	462
8:15 AM	0	0	0	0	2	0	1	0	0	194	0	0	0	291	0	0	488
8:30 AM	0	0	0	0	5	0	0	0	1	162	0	0	0	256	1	0	425
8:45 AM	0	0	0	0	1	0	2	0	0	147	0	0	0	276	0	0	426
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	16	0	13	0	3	1453	0	0	0	2309	4	0	3798
APPROACH %'s :					55.17%	0.00%	44.83%	0.00%	0.21%	99.79%	0.00%	0.00%	0.00%	99.83%	0.17%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	0	0	0	0	5	0	9	0	2	792	0	0	0	1226	2	0	2036
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.625	0.000	0.450	0.000	0.500	0.818	0.000	0.000	0.000	0.967	0.500	0.000	0.929
					0.583				0.817				0.965				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	1	0	3	0	1	280	0	0	0	221	2	0	508
4:15 PM	0	0	0	0	0	0	2	0	3	260	0	0	0	203	0	0	468
4:30 PM	0	0	0	0	0	0	0	0	4	269	0	0	0	215	1	0	489
4:45 PM	0	0	0	0	2	0	0	0	4	285	0	0	0	234	3	0	528
5:00 PM	0	0	0	0	0	0	0	0	1	316	0	0	0	240	2	0	559
5:15 PM	0	0	0	0	0	0	2	0	2	295	0	0	0	259	1	0	559
5:30 PM	0	0	0	0	0	0	0	0	1	251	0	0	0	213	2	0	467
5:45 PM	0	0	0	0	0	0	3	0	2	256	0	0	0	186	5	0	452
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	3	0	10	0	18	2212	0	0	0	1771	16	0	4030
APPROACH %'s :					23.08%	0.00%	76.92%	0.00%	0.81%	99.19%	0.00%	0.00%	0.00%	99.10%	0.90%	0.00%	
PEAK HR :	04:30 PM - 05:30 PM																TOTAL
PEAK HR VOL :	0	0	0	0	2	0	2	0	11	1165	0	0	0	948	7	0	2135
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.250	0.000	0.250	0.000	0.688	0.922	0.000	0.000	0.000	0.915	0.583	0.000	0.955
					0.500				0.927				0.918				

Prepared by National Data & Surveying Services

Barbara Dr & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-001
City: Camarillo

Day: Tuesday
Date: 09/25/2018

PEAK HOURS	COUNT PERIODS
07:15 AM - 08:15 AM	07:00 AM - 09:00 AM
NONE	NONE
04:30 PM - 05:30 PM	04:00 PM - 06:00 PM

SOUTHBOUND — Barbara Dr

AM	9	0	5	0	4	AM
NOON	0	0	0	0	0	NOON
PM	2	0	2	0	18	PM
	0	1	0	0		

EASTBOUND — Santa Rosa Rd

AM	NOON	PM	
1235	0	950	
0	0	0	0
2	0	11	1
792	0	1165	1
0	0	0	0

WESTBOUND — Santa Rosa Rd

	PM	NOON	AM
1	7	0	2
1	948	0	1226
0	0	0	0
0	0	0	0
	1167	0	797

NORTHBOUND — Barbara Dr

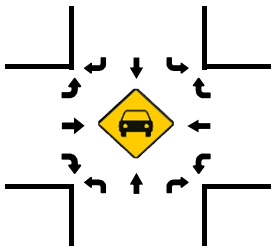
PM	0	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	0	0	0	0	0	AM
	0	0	0	0		

CONTROL

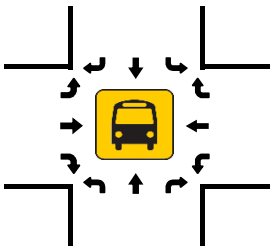
1-Way Stop (SB)

	AM	NOON	PM
TEV	2036	0	2135
PHF	0.93		0.95

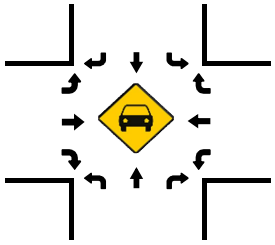
Total Vehicles (AM)



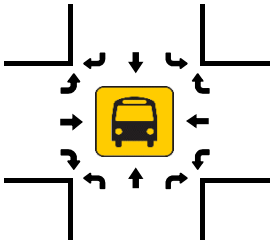
Total Vehicles (AM)



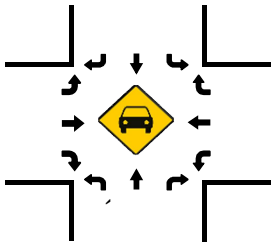
Total Vehicles (NOON)



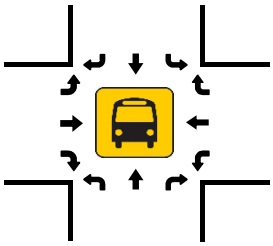
Total Vehicles (NOON)



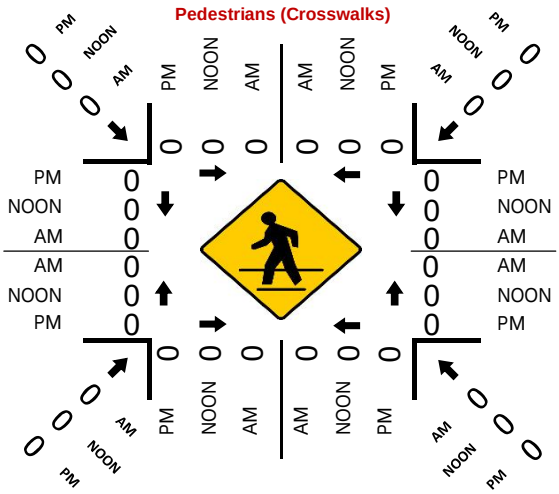
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Holiday Pines Ln & Santa Rosa Rd
City: Santa Rosa Valley
Control: No Control

Project ID: 18-05647-002
Date: 9/25/2018

Total

NS/EW Streets:	Holiday Pines Ln				Holiday Pines Ln				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	2	0	1	0	0	0	0	0	0	150	1	0	0	252	0	0	406
7:15 AM	0	0	0	0	0	0	0	0	0	185	0	0	0	293	0	0	478
7:30 AM	0	0	1	0	0	0	0	0	0	252	0	0	0	305	0	0	558
7:45 AM	0	0	2	0	0	0	0	0	0	232	2	0	1	309	0	0	546
8:00 AM	0	0	1	0	0	0	0	0	0	160	0	0	0	317	0	0	478
8:15 AM	0	0	0	0	0	0	0	0	0	183	0	0	0	290	0	0	473
8:30 AM	0	0	0	0	0	0	0	0	0	178	0	0	0	268	0	0	446
8:45 AM	0	0	0	0	0	0	0	0	0	165	0	0	0	263	0	0	428
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	0	5	0	0	0	0	0	0	1505	3	0	1	2297	0	0	3813
APPROACH %'s :	28.57%	0.00%	71.43%	0.00%					0.00%	99.80%	0.20%	0.00%	0.04%	99.96%	0.00%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	0	0	4	0	0	0	0	0	0	829	2	0	1	1224	0	0	2060
PEAK HR FACTOR :	0.000	0.000	0.500	0.000	0.000	0.000	0.000	0.000	0.000	0.822	0.250	0.000	0.250	0.965	0.000	0.000	0.923
	0.500								0.824				0.966				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	1	0	0	0	0	0	0	0	0	265	1	0	1	208	0	0	476
4:15 PM	0	0	1	0	0	0	0	0	0	269	1	0	0	212	0	0	483
4:30 PM	0	0	0	0	0	0	0	0	0	260	0	0	1	207	0	0	468
4:45 PM	0	0	0	0	0	0	0	0	0	284	1	0	0	237	0	0	522
5:00 PM	0	0	1	0	0	0	0	0	0	316	0	0	0	240	0	0	557
5:15 PM	0	0	1	0	0	0	0	0	0	283	0	0	1	249	0	0	534
5:30 PM	0	0	1	0	0	0	0	0	0	271	1	0	0	221	0	0	494
5:45 PM	0	0	0	0	0	0	0	0	0	244	1	1	0	194	0	0	440
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	4	0	0	0	0	0	0	2192	5	1	3	1768	0	0	3974
APPROACH %'s :	20.00%	0.00%	80.00%	0.00%					0.00%	99.73%	0.23%	0.05%	0.17%	99.83%	0.00%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	0	3	0	0	0	0	0	0	1154	2	0	1	947	0	0	2107
PEAK HR FACTOR :	0.000	0.000	0.750	0.000	0.000	0.000	0.000	0.000	0.000	0.913	0.500	0.000	0.250	0.951	0.000	0.000	0.946
	0.750								0.915				0.948				

Prepared by National Data & Surveying Services

Holiday Pines Ln & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-002
City: Santa Rosa Valley

Day: Tuesday
Date: 09/25/2018

PEAK HOURS		COUNT PERIODS
07:15 AM - 08:15 AM		07:00 AM - 09:00 AM
NONE		NONE
04:45 PM - 05:45 PM		04:00 PM - 06:00 PM

Holiday Pines Ln — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

Santa Rosa Rd — EASTBOUND

AM	NOON	PM	
1224	0	947	⇦
0	0	0	↶ 0
0	0	0	↱ 0
829	0	1154	→ 2
2	0	2	↴ 0
AM	NOON	PM	

Santa Rosa Rd — WESTBOUND

	PM	NOON	AM
0 ↰	0	0	0
1 ←	947	0	1224
1 ↰	1	0	1
0 ↶	0	0	0
⇨	1157	0	833
	PM	NOON	AM

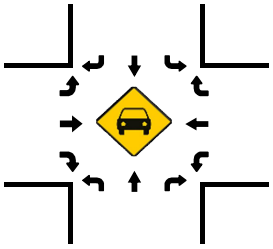
Holiday Pines Ln — NORTHBOUND

PM	3	0	0	0	3	PM
NOON	0	0	0	0	0	NOON
AM	3	0	0	0	4	AM

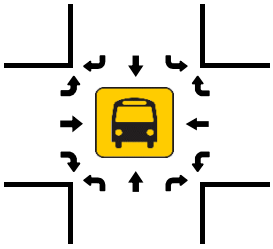
	0	0	0	0
	0	0	1	0

CONTROL			
No Control			
TEV	2060 AM	0 NOON	2107 PM
PHF	0.92		0.95

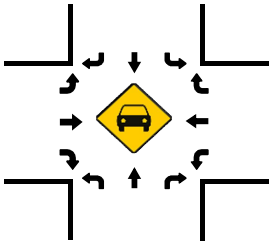
Total Vehicles (AM)



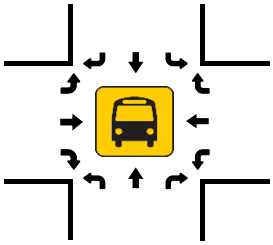
Total Vehicles (AM)



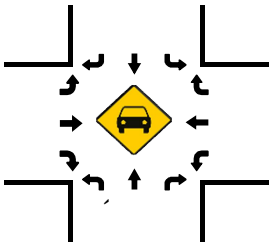
Total Vehicles (NOON)



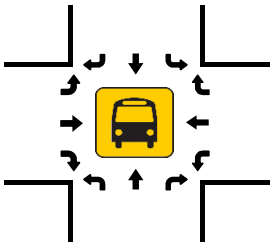
Total Vehicles (NOON)



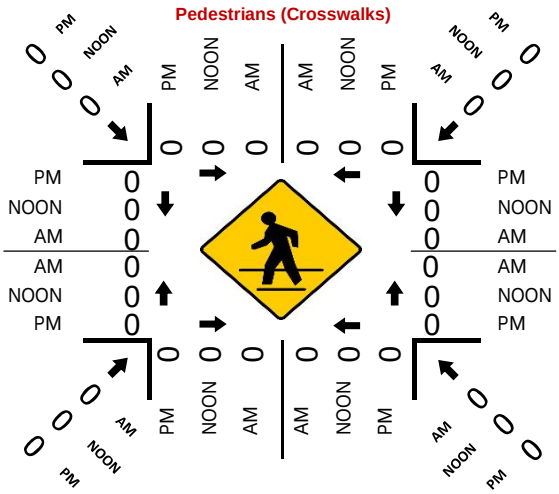
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Duval Rd & Santa Rosa Rd
City: Santa Rosa Valley
Control: 1-Way Stop (SB)

Project ID: 18-05647-003
Date: 9/25/2018

Total

NS/EW Streets:	Duval Rd				Duval Rd				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	0	0	2	0	0	152	0	0	0	236	1	0	391
7:15 AM	0	0	0	0	4	0	5	0	2	177	0	0	0	281	1	0	470
7:30 AM	0	0	0	0	5	0	1	0	1	230	1	0	0	310	2	0	550
7:45 AM	0	0	0	0	7	0	1	0	0	252	0	0	0	313	3	0	576
8:00 AM	0	0	0	0	2	0	1	0	4	171	1	0	0	314	2	0	495
8:15 AM	0	0	0	0	2	0	5	0	2	162	0	0	0	279	2	0	452
8:30 AM	1	0	0	0	5	0	2	0	3	198	0	0	0	273	2	0	484
8:45 AM	1	0	0	0	5	0	1	0	0	164	0	0	0	262	1	0	434
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	2	0	0	0	30	0	18	0	12	1506	2	0	0	2268	14	0	3852
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%	62.50%	0.00%	37.50%	0.00%	0.79%	99.08%	0.13%	0.00%	0.00%	99.39%	0.61%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	0	0	0	0	18	0	8	0	7	830	2	0	0	1218	8	0	2091
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.643	0.000	0.400	0.000	0.438	0.823	0.500	0.000	0.000	0.970	0.667	0.000	0.908
					0.722				0.832				0.970				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	3	0	1	1	0	243	1	0	0	216	2	0	467
4:15 PM	0	0	0	0	4	0	0	0	4	276	0	0	0	228	1	0	513
4:30 PM	0	0	0	0	1	0	0	0	2	258	0	0	0	197	1	0	459
4:45 PM	0	0	0	0	3	0	0	0	0	294	1	0	0	226	6	0	530
5:00 PM	1	0	0	0	3	0	2	0	1	276	0	0	0	219	0	0	502
5:15 PM	0	0	0	0	1	0	1	0	1	309	0	0	0	264	2	0	578
5:30 PM	0	0	0	0	2	0	0	0	2	284	0	0	0	219	3	0	510
5:45 PM	0	0	0	0	1	0	2	0	2	251	0	0	0	206	4	0	466
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	1	0	0	0	18	0	6	1	12	2191	2	0	0	1775	19	0	4025
APPROACH %'s :	100.00%	0.00%	0.00%	0.00%	72.00%	0.00%	24.00%	4.00%	0.54%	99.37%	0.09%	0.00%	0.00%	98.94%	1.06%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	1	0	0	0	9	0	3	0	4	1163	1	0	0	928	11	0	2120
PEAK HR FACTOR :	0.250	0.000	0.000	0.000	0.750	0.000	0.375	0.000	0.500	0.941	0.250	0.000	0.000	0.879	0.458	0.000	0.917
		0.250				0.600				0.942				0.883			

Prepared by National Data & Surveying Services

Duval Rd & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-003
City: Santa Rosa Valley

Day: Tuesday
Date: 09/25/2018

PEAK HOURS	COUNT PERIODS
07:15 AM - 08:15 AM	07:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	04:00 PM - 06:00 PM

Duval Rd — SOUTHBOUND

AM	8	0	18	0	15	AM
NOON	0	0	0	0	0	NOON
PM	3	0	9	0	15	PM
	0	1	0	0		

Santa Rosa Rd — EASTBOUND

AM	NOON	PM	
1226	0	932	
0	0	0	0
7	0	4	1
830	0	1163	1
2	0	1	0
AM	NOON	PM	

Santa Rosa Rd — WESTBOUND

	PM	NOON	AM
1	11	0	8
1	928	0	1218
0	0	0	0
0	0	0	0
	1172	0	848
	PM	NOON	AM

CONTROL

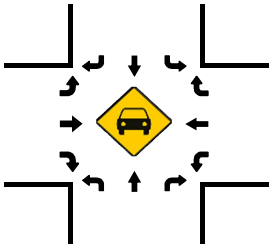
1-Way Stop (SB)

	AM	NOON	PM
TEV	2091	0	2120
PHF	0.91		0.92

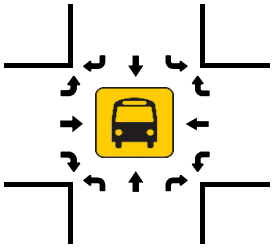
Duval Rd — NORTHBOUND

PM	1	0	1	0	0	PM
NOON	0	0	0	0	0	NOON
AM	2	0	0	0	0	AM
		0	0	1	0	

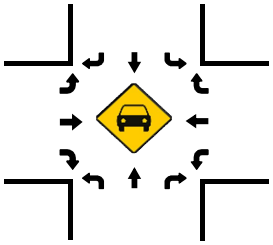
Total Vehicles (AM)



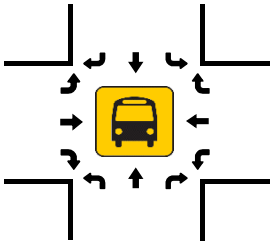
Total Vehicles (AM)



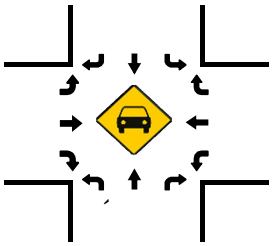
Total Vehicles (NOON)



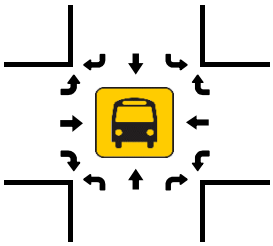
Total Vehicles (NOON)



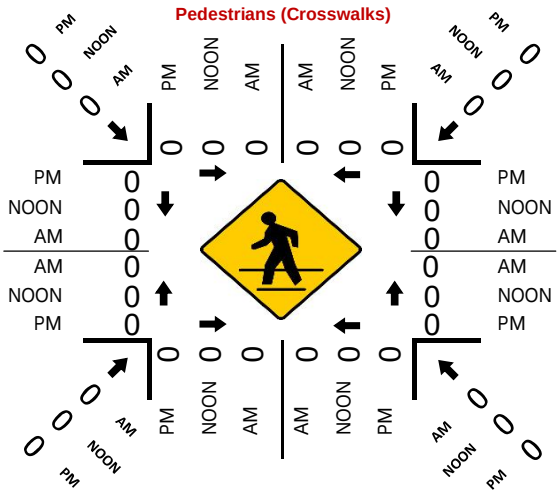
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Arletta Ln & Santa Rosa Rd
City: Santa Rosa Valley
Control: 1-Way Stop (NB)

Project ID: 18-05647-004
Date: 9/25/2018

Total

NS/EW Streets:	Arletta Ln				Arletta Ln				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	1	0	0	0	0	0	0	145	0	0	5	259	0	0	410
7:15 AM	2	0	2	0	0	0	0	0	0	181	0	1	3	306	0	0	495
7:30 AM	0	0	4	0	0	0	0	0	0	259	1	0	0	294	0	1	559
7:45 AM	0	0	3	0	0	0	0	0	0	237	1	0	0	311	0	0	552
8:00 AM	0	0	4	0	0	0	0	0	0	153	1	0	0	306	0	0	464
8:15 AM	1	0	0	0	0	0	0	0	0	173	1	0	3	278	0	0	456
8:30 AM	3	0	5	0	0	0	0	0	0	191	2	0	6	260	0	0	467
8:45 AM	0	0	3	0	0	0	0	0	0	167	0	0	4	257	0	0	431
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	6	0	22	0	0	0	0	0	0	1506	6	1	21	2271	0	1	3834
APPROACH %'s :	21.43%	0.00%	78.57%	0.00%					0.00%	99.54%	0.40%	0.07%	0.92%	99.04%	0.00%	0.04%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	2	0	13	0	0	0	0	0	0	830	3	1	3	1217	0	1	2070
PEAK HR FACTOR :	0.250	0.000	0.813	0.000	0.000	0.000	0.000	0.000	0.000	0.801	0.750	0.250	0.250	0.978	0.000	0.250	0.926
	0.938								0.802				0.982				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	0	0	0	0	2	0	0	0	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	1	0	4	0	0	0	0	0	0	264	1	0	5	219	0	0	494
4:15 PM	0	0	7	0	0	0	0	0	0	267	0	1	3	190	0	0	468
4:30 PM	1	0	1	0	0	0	0	0	0	260	3	0	3	216	0	0	484
4:45 PM	1	0	3	0	0	0	0	0	0	284	1	0	1	227	0	0	517
5:00 PM	2	0	0	0	0	0	0	0	0	318	0	0	4	252	0	0	576
5:15 PM	1	0	1	0	0	0	0	0	0	285	1	0	5	234	0	0	527
5:30 PM	1	0	7	0	0	0	0	0	0	278	0	0	2	238	0	0	526
5:45 PM	1	0	3	0	0	0	0	0	0	233	1	0	2	181	0	0	421
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	8	0	26	0	0	0	0	0	0	2189	7	1	25	1757	0	0	4013
APPROACH %'s :	23.53%	0.00%	76.47%	0.00%					0.00%	99.64%	0.32%	0.05%	1.40%	98.60%	0.00%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	5	0	11	0	0	0	0	0	0	1165	2	0	12	951	0	0	2146
PEAK HR FACTOR :	0.625	0.000	0.393	0.000	0.000	0.000	0.000	0.000	0.000	0.916	0.500	0.000	0.600	0.943	0.000	0.000	0.931
	0.500								0.917				0.940				

Prepared by National Data & Surveying Services

Arletta Ln & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-004
City: Santa Rosa Valley

Day: Tuesday
Date: 09/25/2018

PEAK HOURS	COUNT PERIODS
07:15 AM - 08:15 AM	07:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	04:00 PM - 06:00 PM

Arletta Ln — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

Santa Rosa Rd — EASTBOUND

AM	NOON	PM		
1220	0	956	⇦	
1	0	0	↰	0
0	0	0	↱	0
830	0	1165	→	2
3	0	2	↳	0
AM	NOON	PM		

Santa Rosa Rd — WESTBOUND

PM	NOON	AM		
0	0	0	↰	0
951	0	1217	←	1
12	0	3	↰	0
0	0	1	↰	0
1176	0	844	⇨	
PM	NOON	AM		

Arletta Ln — NORTHBOUND

PM	14	0	5	0	11	PM
NOON	0	0	0	0	0	NOON
AM	6	0	2	0	13	AM

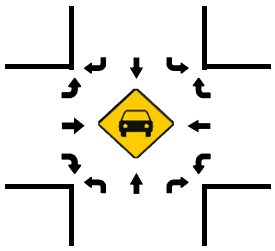
↰	0	↰	0	↑	1	↱	0

CONTROL

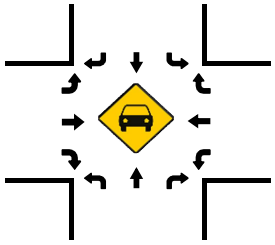
1-Way Stop (NB)

TEV	2070	0	2146
	AM	NOON	PM
PHF	0.93		0.93

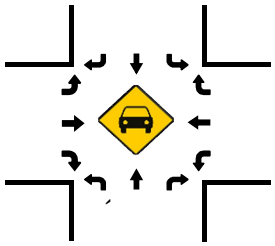
Total Vehicles (AM)



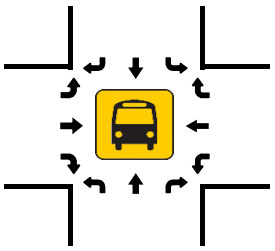
Total Vehicles (NOON)



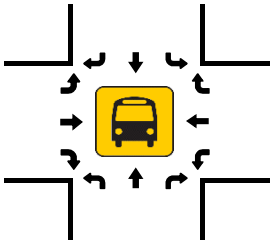
Total Vehicles (PM)



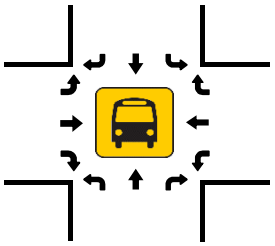
Total Vehicles (AM)



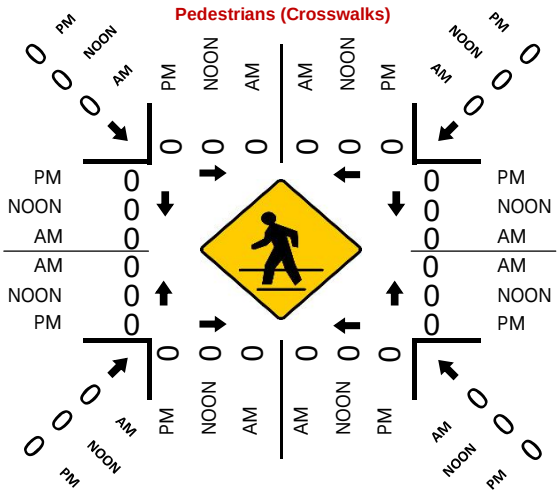
Total Vehicles (NOON)



Total Vehicles (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Glenside Ln & Santa Rosa Rd
City: Santa Rosa Valley
Control: 1-Way Stop (SB)

Project ID: 18-05647-005
Date: 9/25/2018

Total

NS/EW Streets:	Glenside Ln				Glenside Ln				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	0	0	0	0	2	0	0	0	2	136	0	1	0	264	0	0	405
7:15 AM	0	0	0	0	1	0	1	0	1	192	0	0	0	309	0	0	504
7:30 AM	0	0	0	0	3	0	3	0	0	255	0	0	0	294	1	0	556
7:45 AM	0	0	0	0	3	0	3	0	0	252	0	0	0	303	3	0	564
8:00 AM	0	0	0	0	1	0	0	0	1	154	0	0	0	309	3	0	468
8:15 AM	0	0	0	0	1	0	0	0	0	176	0	0	0	283	0	0	460
8:30 AM	0	0	0	0	2	0	1	0	0	190	0	0	0	266	1	0	460
8:45 AM	0	0	0	0	2	0	0	0	0	174	0	0	0	260	0	0	436
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	15	0	8	0	4	1529	0	1	0	2288	8	0	3853
APPROACH %'s :					65.22%	0.00%	34.78%	0.00%	0.26%	99.67%	0.00%	0.07%	0.00%	99.65%	0.35%	0.00%	
PEAK HR :	07:15 AM - 08:15 AM																TOTAL
PEAK HR VOL :	0	0	0	0	8	0	7	0	2	853	0	0	0	1215	7	0	2092
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.667	0.000	0.583	0.000	0.500	0.836	0.000	0.000	0.000	0.983	0.583	0.000	0.927
					0.625				0.838				0.979				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	0	0	0	0	2	0	0	0	2	261	0	0	0	227	3	0	495
4:15 PM	0	0	0	0	1	0	0	0	3	275	0	0	0	188	0	0	467
4:30 PM	0	0	0	0	4	0	4	0	0	263	0	0	0	216	1	0	488
4:45 PM	0	0	0	0	1	0	1	0	0	281	0	0	0	226	1	0	510
5:00 PM	0	0	0	0	0	0	1	0	2	312	0	0	0	256	1	0	572
5:15 PM	0	0	0	0	1	0	0	0	0	289	0	0	0	238	2	0	530
5:30 PM	0	0	0	0	2	0	0	0	1	286	0	0	0	238	0	0	527
5:45 PM	0	0	0	0	0	0	1	0	0	241	0	0	0	181	1	0	424
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	0	0	0	0	11	0	7	0	8	2208	0	0	0	1770	9	0	4013
APPROACH %'s :					61.11%	0.00%	38.89%	0.00%	0.36%	99.64%	0.00%	0.00%	0.00%	99.49%	0.51%	0.00%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	0	0	0	0	4	0	2	0	3	1168	0	0	0	958	4	0	2139
PEAK HR FACTOR :	0.000	0.000	0.000	0.000	0.500	0.000	0.500	0.000	0.375	0.936	0.000	0.000	0.000	0.936	0.500	0.000	0.935
					0.750				0.932				0.936				

Prepared by National Data & Surveying Services

Glenside Ln & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-005
City: Santa Rosa Valley

Day: Tuesday
Date: 09/25/2018

PEAK HOURS	COUNT PERIODS
07:15 AM - 08:15 AM	07:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	04:00 PM - 06:00 PM

Glenside Ln — SOUTHBOUND

AM	7	0	8	0	9	AM
NOON	0	0	0	0	0	NOON
PM	2	0	4	0	7	PM
	0	1	0	0		

Santa Rosa Rd — EASTBOUND

AM	NOON	PM	
1222	0	960	⇦
0	0	0	0
2	0	3	1
853	0	1168	1
0	0	0	0
AM	NOON	PM	

Santa Rosa Rd — WESTBOUND

PM	NOON	AM	
4	0	7	1
958	0	1215	1
0	0	0	0
0	0	0	0
1172	0	861	⇨
PM	NOON	AM	

CONTROL

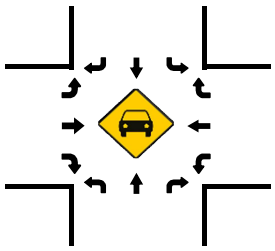
1-Way Stop (SB)

	AM	NOON	PM
TEV	2092	0	2139
PHF	0.93		0.93

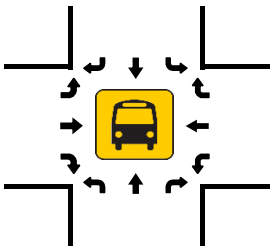
Glenside Ln — NORTHBOUND

PM	0	0	0	0	0	PM
NOON	0	0	0	0	0	NOON
AM	0	0	0	0	0	AM
	0	0	0	0		

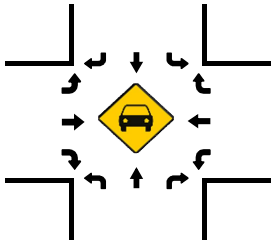
Total Vehicles (AM)



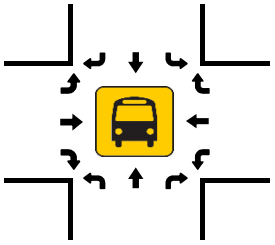
Total Vehicles (AM)



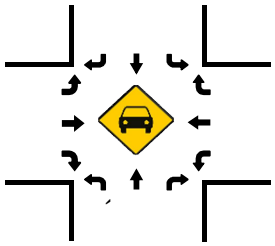
Total Vehicles (NOON)



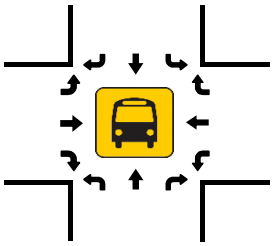
Total Vehicles (NOON)



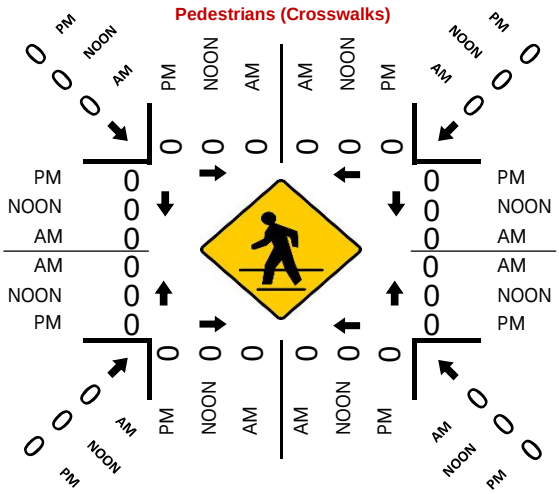
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



National Data & Surveying Services

Intersection Turning Movement Count

Location: Andalusia Dr & Santa Rosa Rd
City: Santa Rosa Valley
Control: 1-Way Stop (NB)

Project ID: 18-05647-006
Date: 9/25/2018

Total

NS/EW Streets:	Andalusia Dr				Andalusia Dr				Santa Rosa Rd				Santa Rosa Rd				
AM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
7:00 AM	1	0	7	0	0	0	0	0	0	146	0	0	3	279	0	0	436
7:15 AM	1	0	5	0	0	0	0	0	0	205	0	0	2	307	0	0	520
7:30 AM	0	0	7	0	0	0	0	0	0	251	0	0	1	298	0	0	557
7:45 AM	0	0	5	0	0	0	0	0	0	207	0	0	4	307	0	0	523
8:00 AM	0	0	3	0	0	0	0	0	0	206	1	1	5	246	0	0	462
8:15 AM	2	0	2	0	0	0	0	0	0	258	1	0	4	271	0	0	538
8:30 AM	1	0	2	0	0	0	0	0	0	217	2	0	3	261	0	0	486
8:45 AM	0	0	8	0	0	0	0	0	0	191	3	0	2	266	0	0	470
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	5	0	39	0	0	0	0	0	0	1681	7	1	24	2235	0	0	3992
APPROACH %'s :	11.36%	0.00%	88.64%	0.00%					0.00%	99.53%	0.41%	0.06%	1.06%	98.94%	0.00%	0.00%	
PEAK HR :	07:30 AM - 08:30 AM																TOTAL
PEAK HR VOL :	2	0	17	0	0	0	0	0	0	922	2	1	14	1122	0	0	2080
PEAK HR FACTOR :	0.250	0.000	0.607	0.000	0.000	0.000	0.000	0.000	0.000	0.893	0.500	0.250	0.700	0.914	0.000	0.000	0.934
	0.679								0.893				0.913				

PM	NORTHBOUND				SOUTHBOUND				EASTBOUND				WESTBOUND				
	0	1	0	0	0	1	0	0	1	1	0	0	1	1	0	0	
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
4:00 PM	1	0	1	0	0	0	0	0	0	251	1	0	5	237	0	0	496
4:15 PM	0	0	1	0	0	0	0	0	0	293	2	0	5	245	0	0	546
4:30 PM	1	0	5	0	0	0	0	0	0	262	1	0	11	234	0	0	514
4:45 PM	2	0	3	0	0	0	0	0	0	307	0	0	7	231	0	0	550
5:00 PM	0	0	5	0	0	0	0	0	0	290	1	0	5	275	0	0	576
5:15 PM	0	0	3	0	0	0	0	0	0	325	1	0	5	250	0	0	584
5:30 PM	0	0	3	0	0	0	0	0	0	289	0	0	1	253	0	1	547
5:45 PM	0	0	3	0	0	0	0	0	0	263	1	0	4	221	0	0	492
	NL	NT	NR	NU	SL	ST	SR	SU	EL	ET	ER	EU	WL	WT	WR	WU	TOTAL
TOTAL VOLUMES :	4	0	24	0	0	0	0	0	0	2280	7	0	43	1946	0	1	4305
APPROACH %'s :	14.29%	0.00%	85.71%	0.00%					0.00%	99.69%	0.31%	0.00%	2.16%	97.79%	0.00%	0.05%	
PEAK HR :	04:45 PM - 05:45 PM																TOTAL
PEAK HR VOL :	2	0	14	0	0	0	0	0	0	1211	2	0	18	1009	0	1	2257
PEAK HR FACTOR :	0.250	0.000	0.700	0.000	0.000	0.000	0.000	0.000	0.000	0.932	0.500	0.000	0.643	0.917	0.000	0.250	0.966
	0.800								0.930				0.918				

Prepared by National Data & Surveying Services

Andalusia Dr & Santa Rosa Rd

Peak Hour Turning Movement Count

ID: 18-05647-006
City: Santa Rosa Valley

Day: Tuesday
Date: 09/25/2018

PEAK HOURS	COUNT PERIODS
07:30 AM - 08:30 AM	07:00 AM - 09:00 AM
NONE	NONE
04:45 PM - 05:45 PM	04:00 PM - 06:00 PM

Andalusia Dr — SOUTHBOUND

AM	0	0	0	0	0	AM
NOON	0	0	0	0	0	NOON
PM	0	0	0	0	0	PM

Santa Rosa Rd — EASTBOUND

AM	NOON	PM	
1125	0	1011	⇦
1	0	0	↶ 0
0	0	0	↱ 1
922	0	1211	→ 1
2	0	2	↷ 0
AM	NOON	PM	

Santa Rosa Rd — WESTBOUND

PM	NOON	AM	
0	0	0	0 ↰
1009	0	1122	1 ←
18	0	14	1 ↰
1	0	0	0 ↶
1226	0	939	⇨
PM	NOON	AM	

Andalusia Dr — NORTHBOUND

PM	20	0	2	0	14	PM
NOON	0	0	0	0	0	NOON
AM	16	0	2	0	17	AM

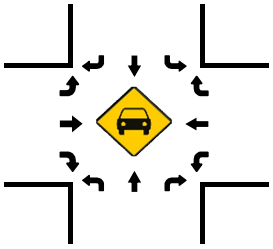
Turning movements (left, through, right, U-turn): 0 1 0 0 | 0 0 1 0

CONTROL

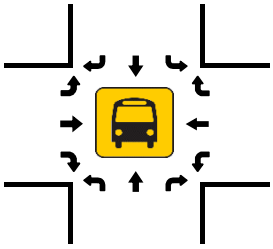
1-Way Stop (NB)

TEV	2080	0	2257
	AM	NOON	PM
PHF	0.93		0.97

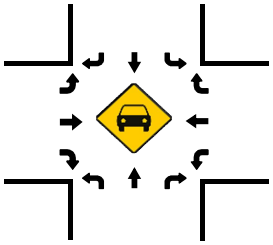
Total Vehicles (AM)



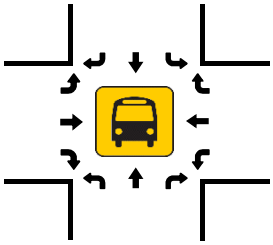
Total Vehicles (AM)



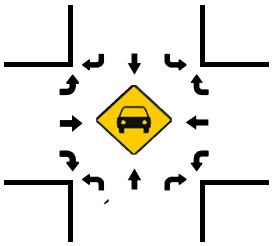
Total Vehicles (NOON)



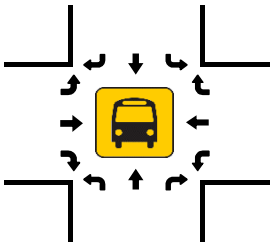
Total Vehicles (NOON)



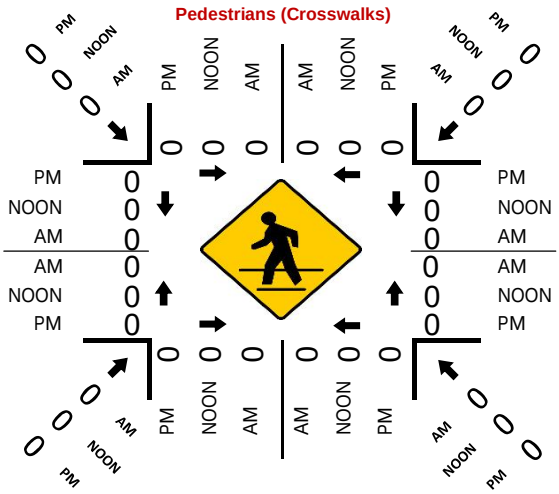
Total Vehicles (PM)



Total Vehicles (PM)



Pedestrians (Crosswalks)



APPENDIX C – TRAVEL TIME RUNS – 2018 STUDY

PC-Travel Reports for study: 18-5646-AM-EB

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NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-AM-EB-001	09/27/18	07:10	18361	Before	Primary
Santa Rosa Road-AM-EB-002	09/27/18	07:23	18438	Before	Primary
Santa Rosa Road-AM-EB-003	09/27/18	07:41	18222	Before	Primary
Santa Rosa Road-AM-EB-004	09/27/18	08:29	18475	Before	Primary

Node Info

#	Len	Name
1	0	Yucca Drive
2	2094	Blanchard Rd
3	1850	Brittany Park Rd
4	3096	Applewood Ln
5	1559	E Las Posas Rd
6	3864	Andalusia Dr
7	2149	Vista Grande
8	3771	Marvella Ct

Length of Study Route = 18,383 feet

Notes:

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Yucca Drive							
2	2094	Blanchard Rd	42.5	0.3	33.6	16.3	6.5	13.0	21.5
3	1850	Brittany Park Rd	40.8	0.5	31.0	17.5	11.8	13.0	14.3
4	3096	Applewood Ln	57.0	0.3	37.0	18.0	8.0	10.8	14.8
5	1559	E Las Posas Rd	24.8	0.0	42.9	4.8	0.0	0.0	1.3
6	3864	Andalusia Dr	57.5	0.0	45.8	9.3	0.0	0.0	1.5
7	2149	Vista Grande	41.8	0.0	35.1	14.8	4.5	9.3	18.3
8	3771	Marvella Ct	71.5	0.5	36.0	24.8	10.3	13.5	18.0
Total	**18,383**		**335.8**	**1.5**	**37.3**	**105.3**	**41.0**	**59.5**	**89.5**

Stats based on 4 BEFORE runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	30	28	72	40
3	1850	Brittany Park Rd	26	45	32	60
4	3096	Applewood Ln	43	50	82	53
5	1559	E Las Posas Rd	25	23	28	23
6	3864	Andalusia Dr	59	60	56	55
7	2149	Vista Grande	43	44	49	31
8	3771	Marvella Ct	77	95	56	58
Totals	**18383**		**303**	**345**	**375**	**320**

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	0	0	1	0
3	1850	Brittany Park Rd	0	1	0	1
4	3096	Applewood Ln	0	0	1	0
5	1559	E Las Posas Rd	0	0	0	0
6	3864	Andalusia Dr	0	0	0	0
7	2149	Vista Grande	0	0	0	0
8	3771	Marvella Ct	1	1	0	0
Totals	**18383**		**1**	**2**	**2**	**1**

Stops based on a Stop Speed of 5 MPH.

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	49.1	51.9	19.9	36.2
3	1850	Brittany Park Rd	47.1	27.6	40.7	20.9
4	3096	Applewood Ln	49.5	42.7	25.4	40.3
5	1559	E Las Posas Rd	42.9	45.6	38.9	46.3
6	3864	Andalusia Dr	44.4	43.7	46.4	48.0
7	2149	Vista Grande	33.6	33.2	30.4	46.6
8	3771	Marvella Ct	33.6	27.1	44.2	44.4
Totals	**18383**		**41.4**	**36.3**	**33.2**	**39.3**

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **7**

Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	3	2	46	14
3	1850	Brittany Park Rd	3	22	8	37
4	3096	Applewood Ln	4	11	43	14
5	1559	E Las Posas Rd	5	3	8	3
6	3864	Andalusia Dr	11	12	8	6
7	2149	Vista Grande	16	17	22	4
8	3771	Marvella Ct	30	48	10	11
Totals	**18383**		**72**	**115**	**145**	**89**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **8**

Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	0	0	26	0
3	1850	Brittany Park Rd	0	18	0	29
4	3096	Applewood Ln	0	0	32	0
5	1559	E Las Posas Rd	0	0	0	0
6	3864	Andalusia Dr	0	0	0	0
7	2149	Vista Grande	7	6	5	0
8	3771	Marvella Ct	9	32	0	0
Totals	**18383**		**16**	**56**	**63**	**29**

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **9**

Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	0	0	44	8
3	1850	Brittany Park Rd	0	19	0	33
4	3096	Applewood Ln	0	2	38	3
5	1559	E Las Posas Rd	0	0	0	0
6	3864	Andalusia Dr	0	0	0	0
7	2149	Vista Grande	13	9	15	0
8	3771	Marvella Ct	14	40	0	0
Totals	**18383**		**27**	**70**	**97**	**44**

NDS
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AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001)	Run #2 (Santa Rosa Road-AM-EB-002)	Run #3 (Santa Rosa Road-AM-EB-003)	Run #4 (Santa Rosa Road-AM-EB-004)
1	0	Yucca Drive				
2	2094	Blanchard Rd	0	0	69	17
3	1850	Brittany Park Rd	0	20	0	37
4	3096	Applewood Ln	0	5	41	13
5	1559	E Las Posas Rd	0	0	5	0
6	3864	Andalusia Dr	0	6	0	0
7	2149	Vista Grande	20	22	31	0
8	3771	Marvella Ct	24	48	0	0
Totals	**18383**		**44**	**101**	**146**	**67**

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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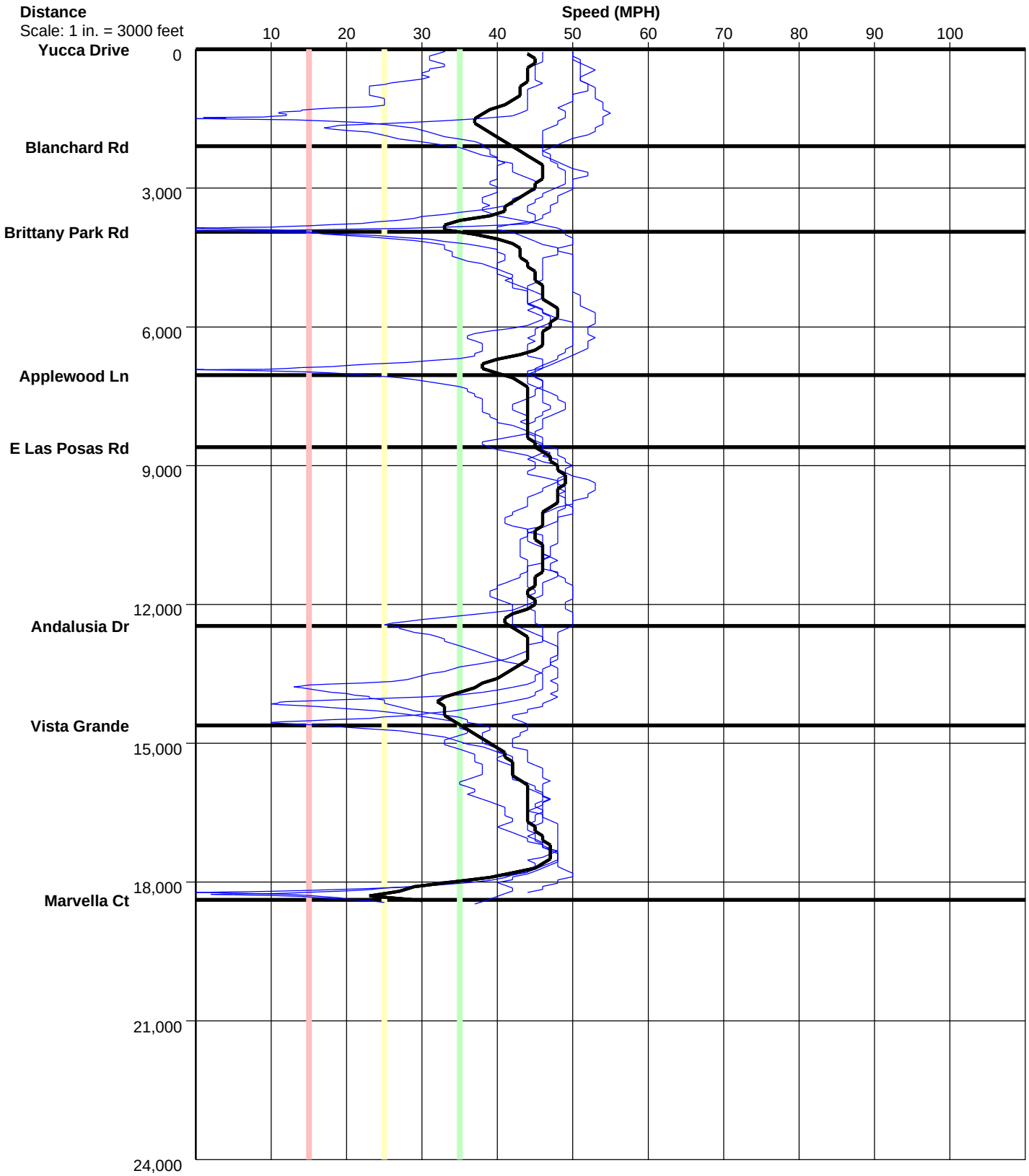
Speed/Distance Profiles of All Runs



NDS
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AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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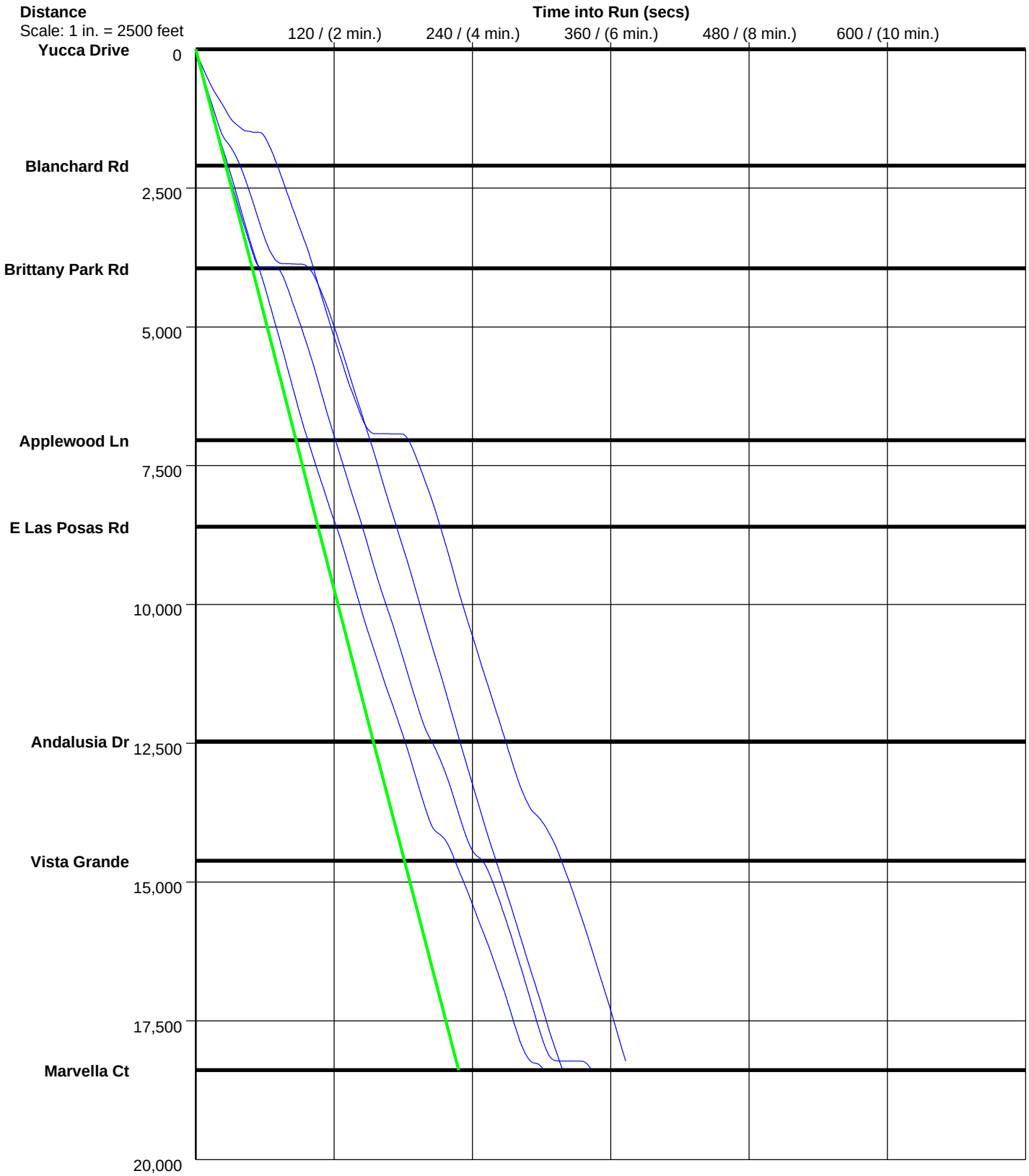
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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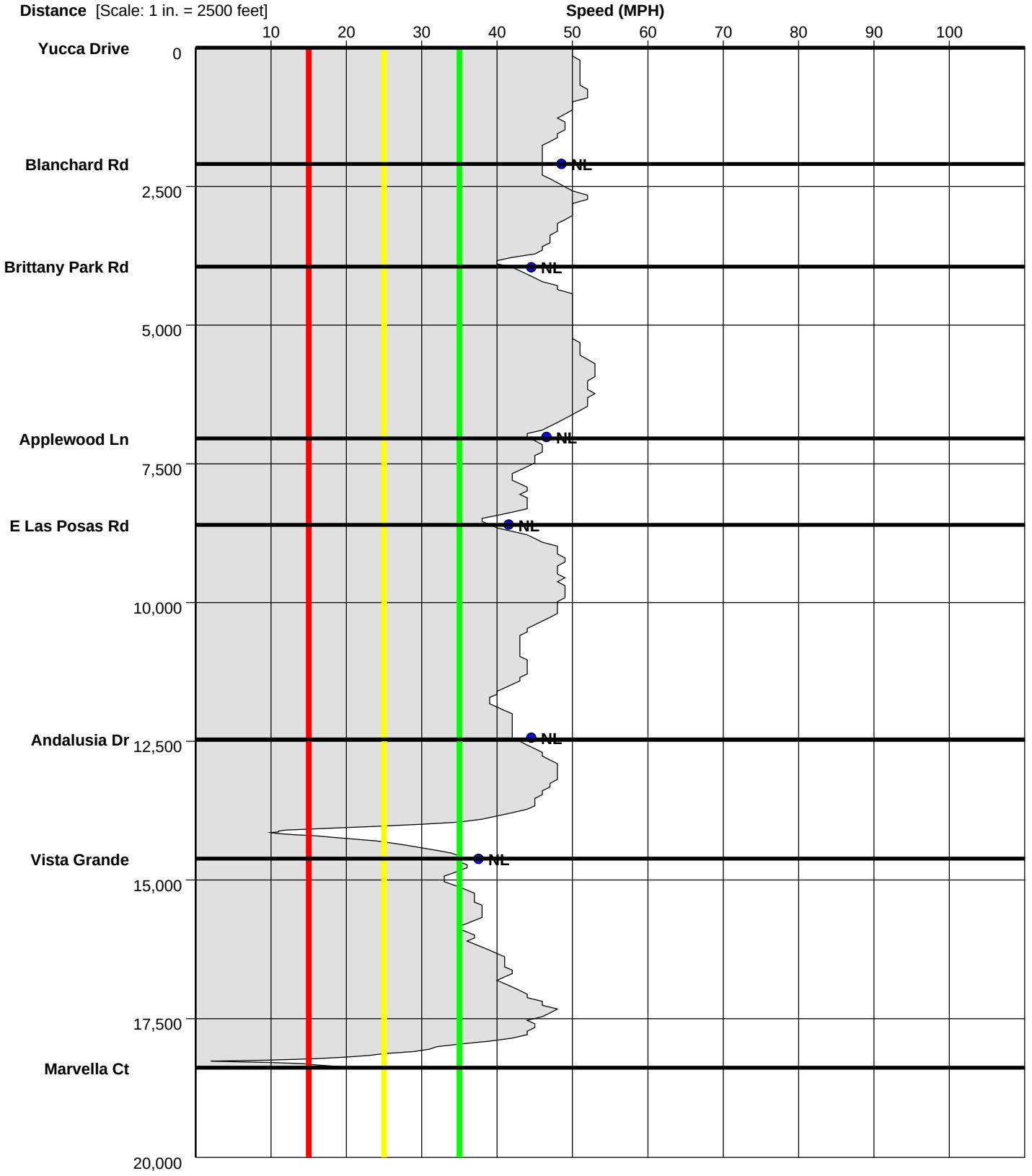
Speed Profile

Run : Santa Rosa Road-AM-EB-001 Start Time: 07:10 (This is a Before Run)



NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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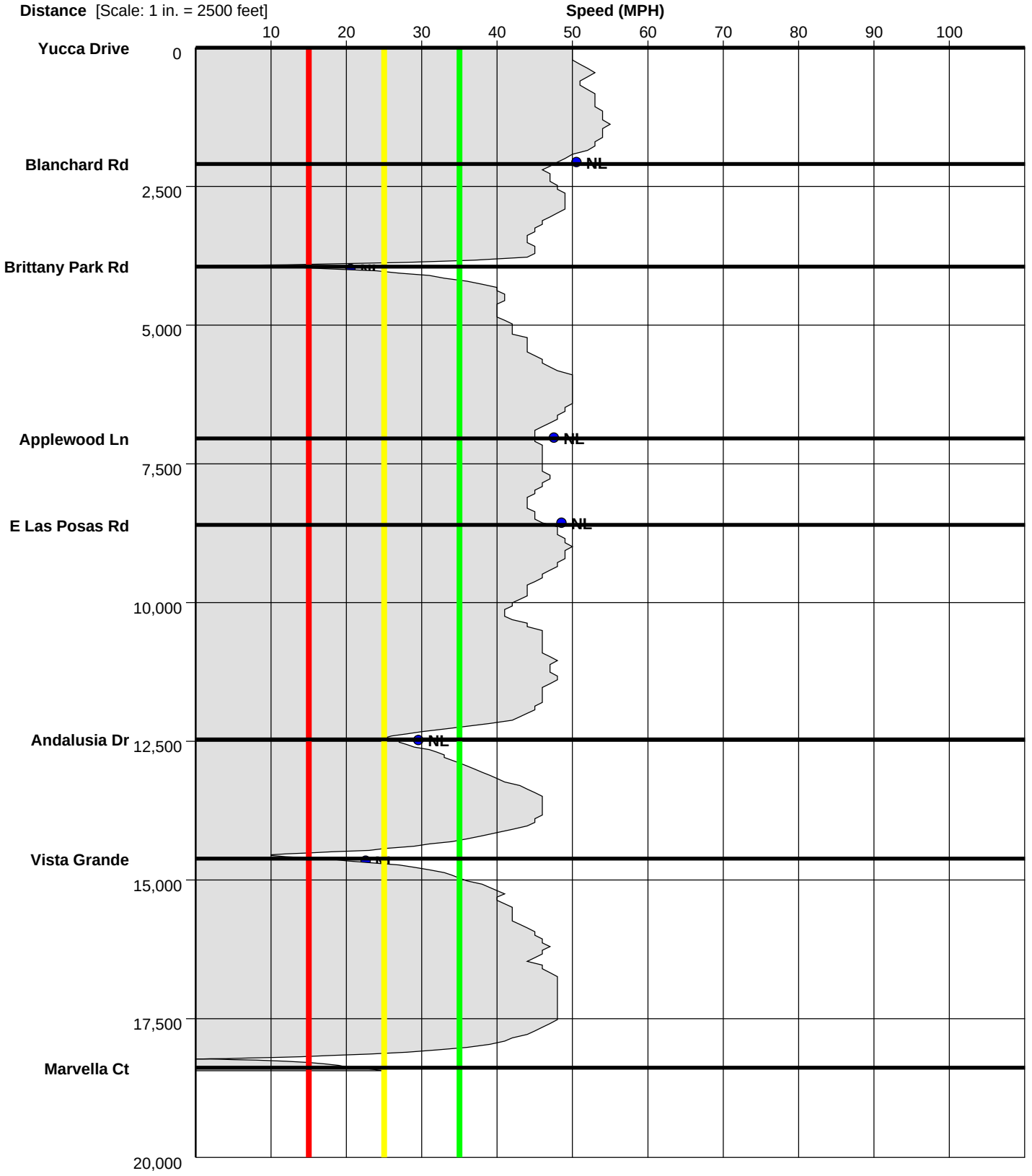
Speed Profile

Run : Santa Rosa Road-AM-EB-002 Start Time: 07:23 (This is a Before Run)

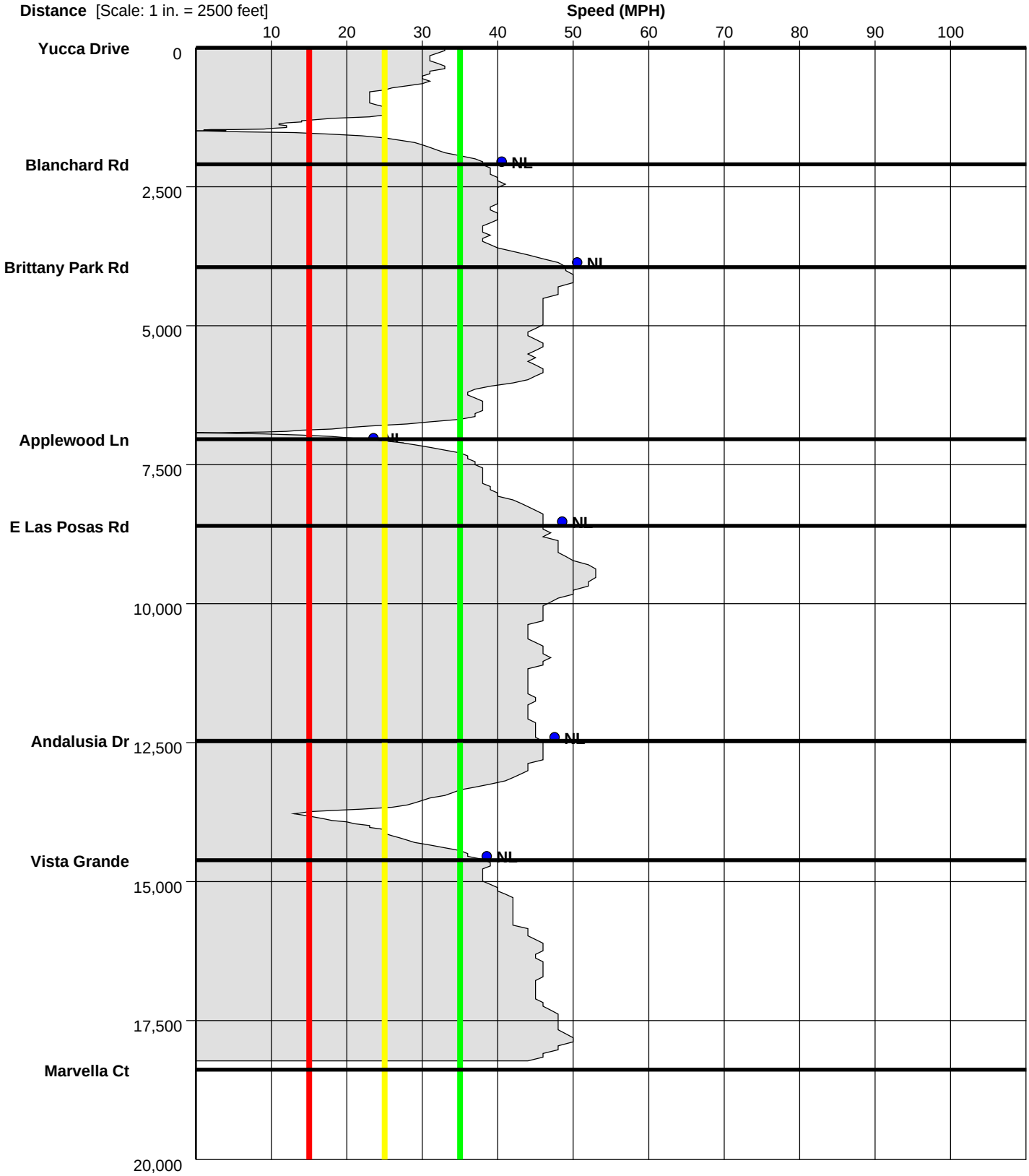


NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
Page No. : **15**

Speed Profile

Run : Santa Rosa Road-AM-EB-003 Start Time: 07:41 (This is a Before Run)



NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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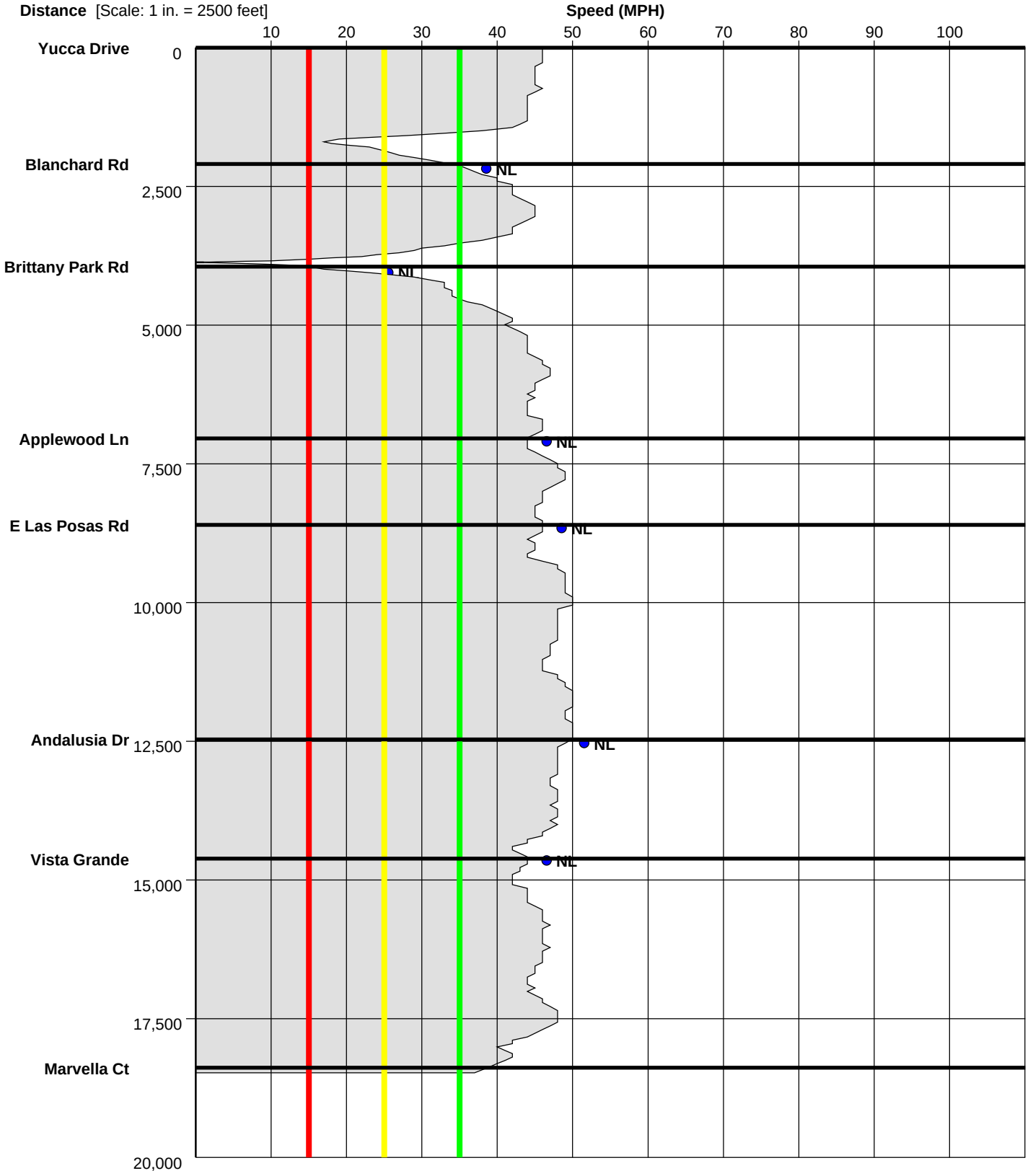
Speed Profile

Run : Santa Rosa Road-AM-EB-004 Start Time: 08:29 (This is a Before Run)



NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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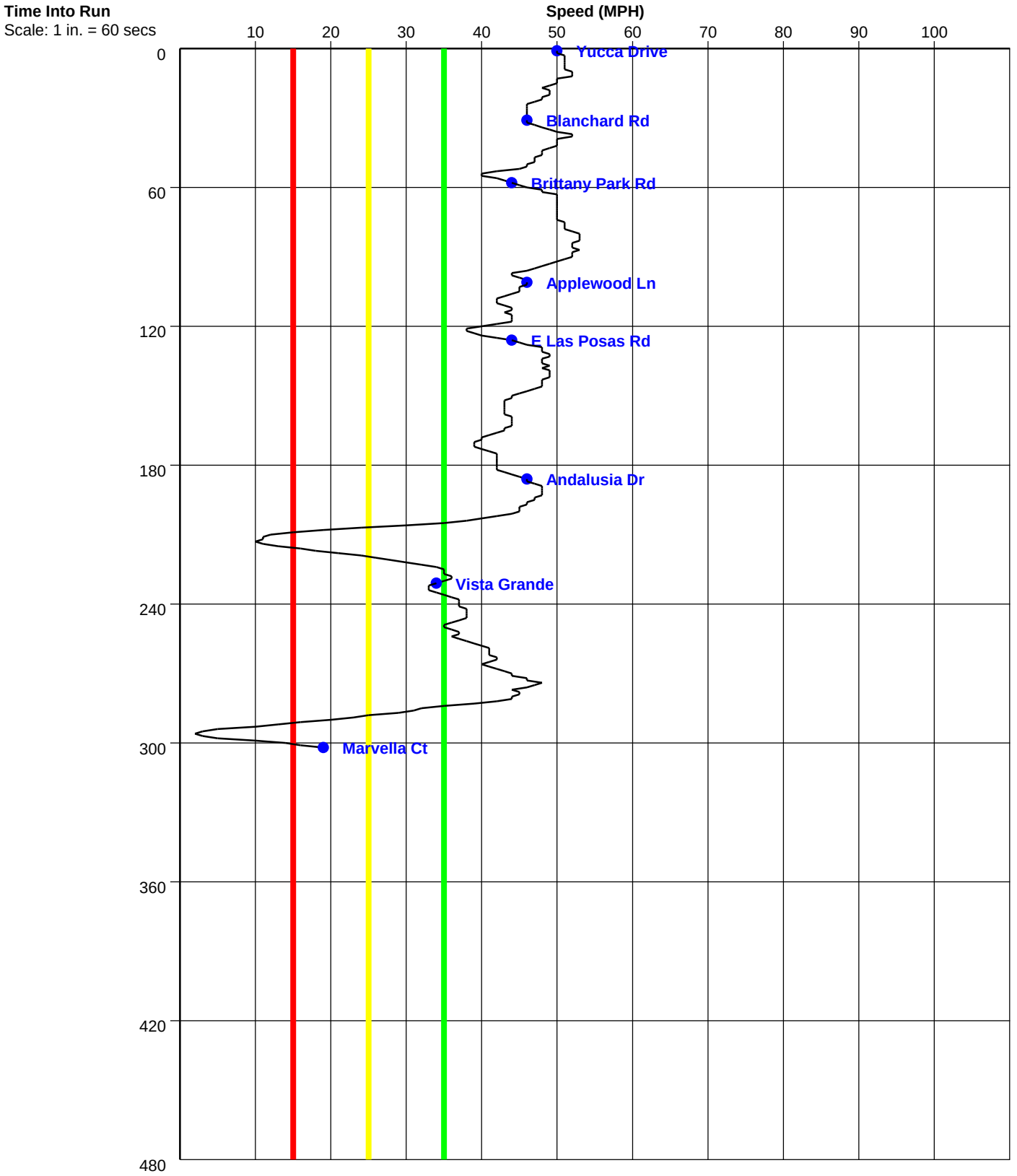
Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-001 Start Time:07:10 (This is a Before Run)



NDS
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AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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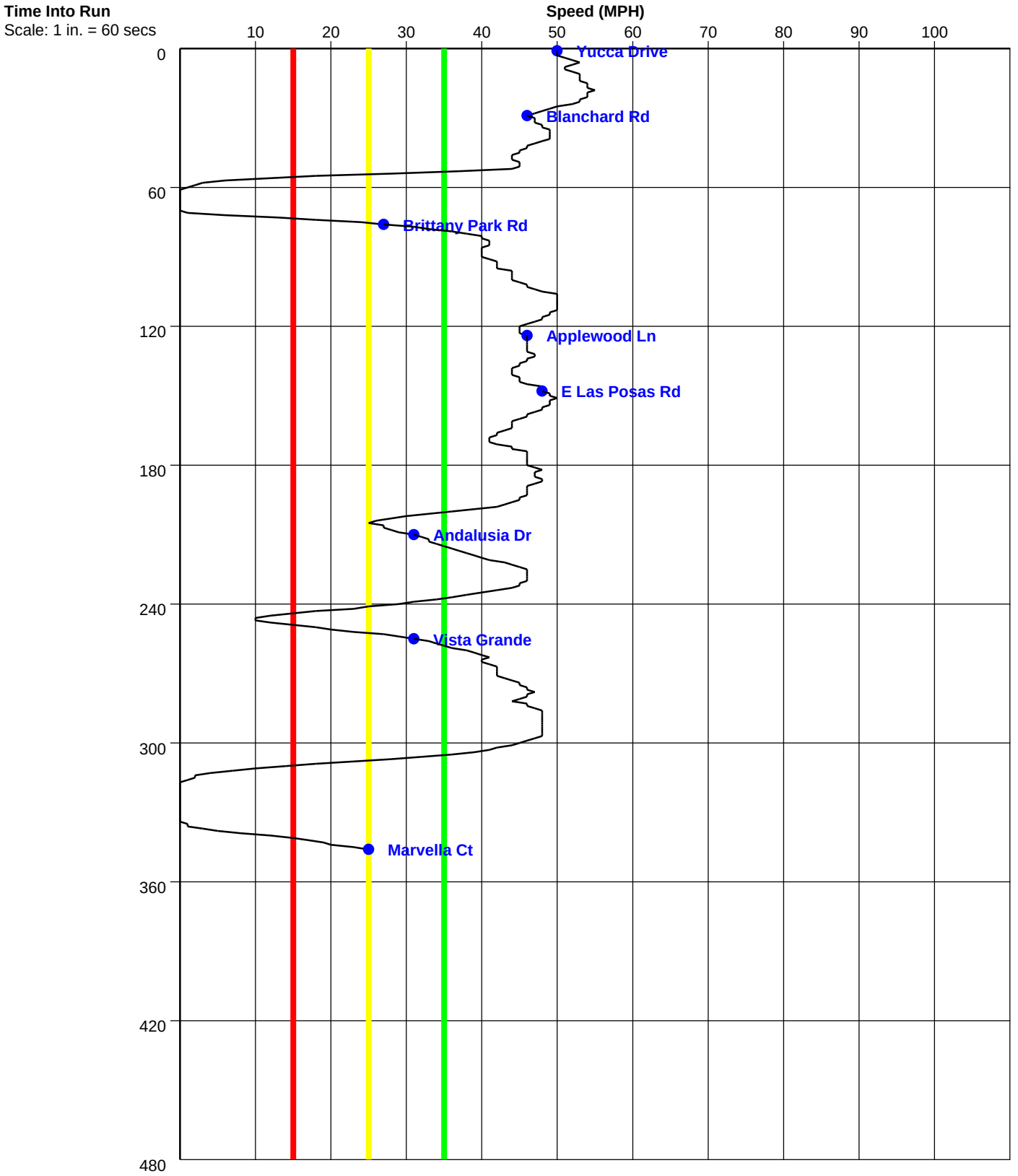
Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-002 Start Time:07:23 (This is a Before Run)



NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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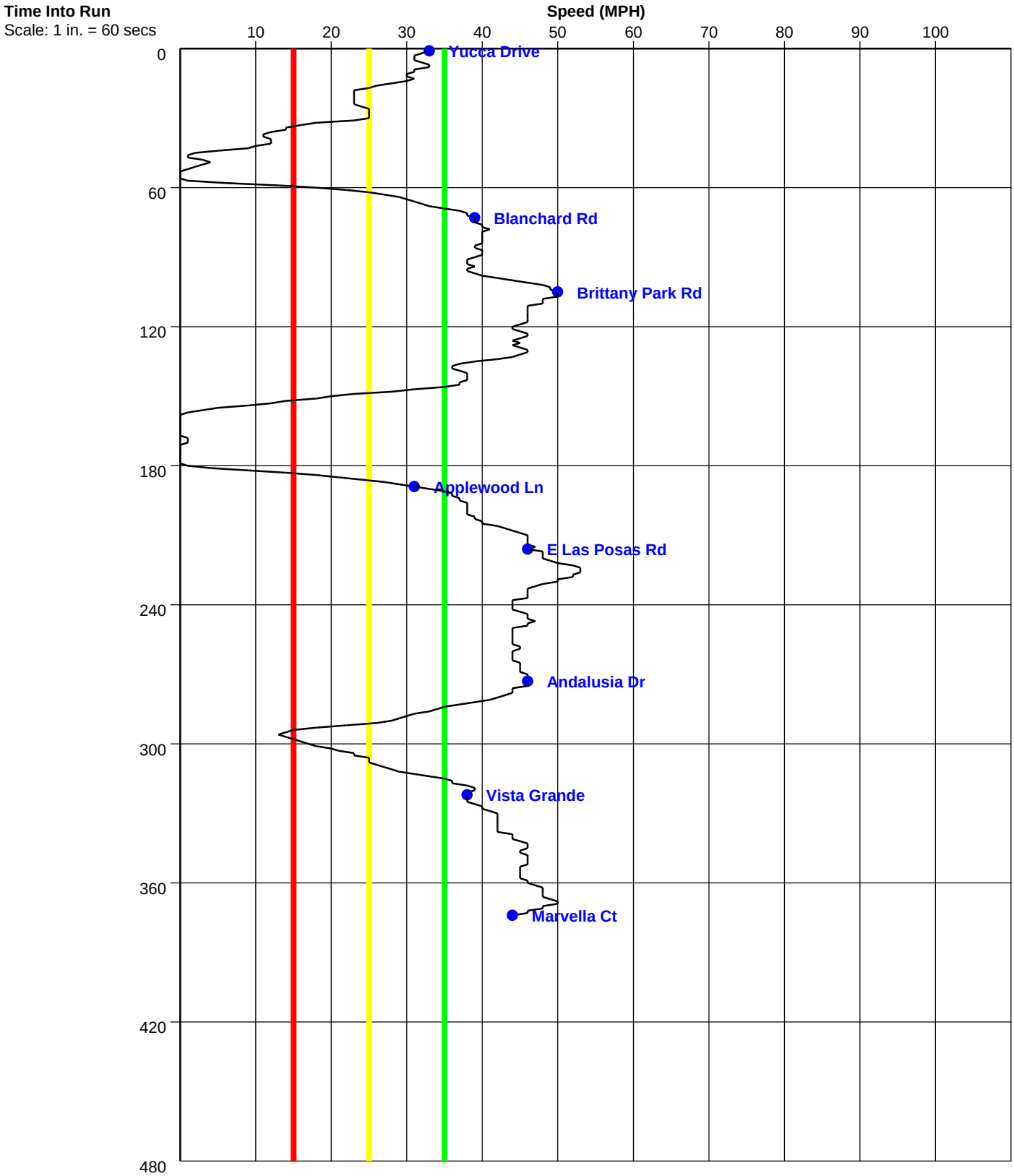
Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-003 Start Time:07:41 (This is a Before Run)



NDS
18-5646
AM-EB

Study Name : **18-5646-AM-EB**
Study Date : **09/27/2018**
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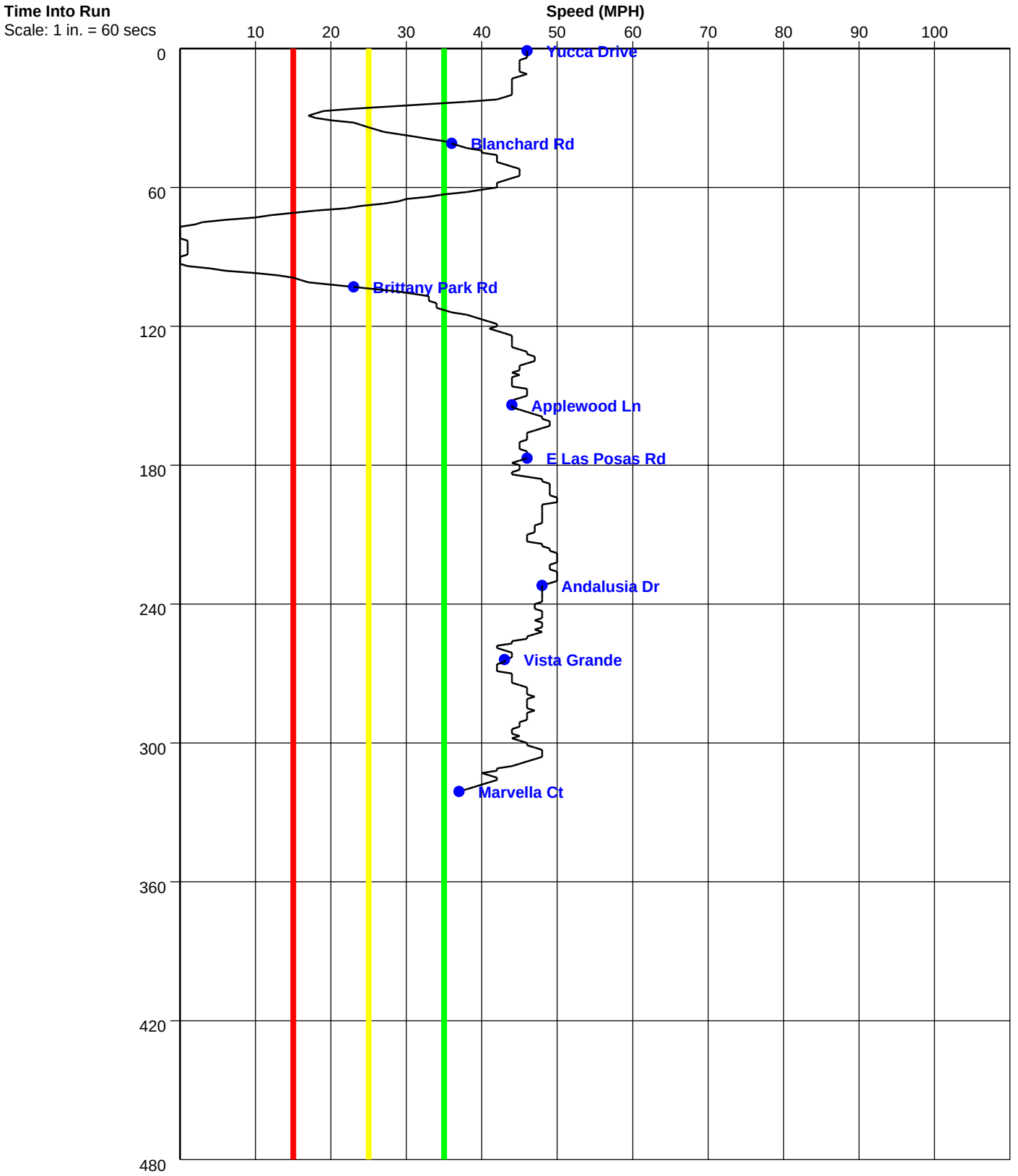
Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-004 Start Time:08:29 (This is a Before Run)



PC-Travel Reports for study: 18-5646-AM-WB

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Speed Profile (Distance vs Spd) for Santa Rosa Road-AM-WB-003	15
Speed Profile (Distance vs Spd) for Santa Rosa Road-AM-WB-004	16
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-001	17
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-002	18
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-003	19
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-004	20

NDS
18-5646
AM-WB

Study Name **: 18-5646-AM-WB**
Study Date **: 09/27/2018**
Page No. **: 2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-AM-WB-001	09/27/18	07:32	18159	Before	Primary
Santa Rosa Road-AM-WB-002	09/27/18	07:54	18142	Before	Primary
Santa Rosa Road-AM-WB-003	09/27/18	08:17	18089	Before	Primary
Santa Rosa Road-AM-WB-004	09/27/18	08:49	18114	Before	Primary

Node Info

#	Len	Name
1	0	Marvella Ct
2	3847	Vista Grande
3	2195	Andalusia Dr
4	3829	E Las Posas Rd
5	1519	Applewood Ln
6	3038	Brittany Park Rd
7	1905	Blanchard Rd
8	1793	Yucca Drive

Length of Study Route = 18,126 feet

Notes:

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Marvella Ct							
2	3847	Vista Grande	87.8	0.5	29.9	39.8	12.8	25.5	45.0
3	2195	Andalusia Dr	46.5	0.3	32.2	19.0	7.0	11.3	19.5
4	3829	E Las Posas Rd	82.8	0.8	31.5	34.8	15.5	25.0	37.8
5	1519	Applewood Ln	33.3	0.0	31.1	14.3	0.0	7.8	18.8
6	3038	Brittany Park Rd	47.3	0.0	43.8	9.3	0.0	0.0	2.5
7	1905	Blanchard Rd	34.0	0.3	38.2	10.0	3.8	7.3	10.0
8	1793	Yucca Drive	29.0	0.0	42.2	6.3	0.0	0.0	2.8
Total	**18,126**		**360.5**	**1.8**	**34.3**	**133.3**	**39.0**	**76.8**	**136.3**

Stats based on 4 BEFORE runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	91	99	87	74
3	2195	Andalusia Dr	54	60	40	32
4	3829	E Las Posas Rd	81	63	113	74
5	1519	Applewood Ln	31	27	36	39
6	3038	Brittany Park Rd	45	46	52	46
7	1905	Blanchard Rd	28	34	45	29
8	1793	Yucca Drive	28	30	32	26
Totals	**18126**		**358**	**359**	**405**	**320**

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	1	1	0	0
3	2195	Andalusia Dr	0	1	0	0
4	3829	E Las Posas Rd	1	0	1	1
5	1519	Applewood Ln	0	0	0	0
6	3038	Brittany Park Rd	0	0	0	0
7	1905	Blanchard Rd	0	0	1	0
8	1793	Yucca Drive	0	0	0	0
Totals	**18126**		**2**	**2**	**2**	**1**

Stops based on a Stop Speed of 5 MPH.

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	29.0	26.5	30.3	35.7
3	2195	Andalusia Dr	27.7	25.3	38.0	46.4
4	3829	E Las Posas Rd	32.2	41.2	23.0	35.3
5	1519	Applewood Ln	33.5	39.1	29.1	27.3
6	3038	Brittany Park Rd	46.5	45.6	40.2	44.9
7	1905	Blanchard Rd	45.3	37.1	28.1	45.3
8	1793	Yucca Drive	44.3	40.8	38.5	46.8
Totals	**18126**		**34.6**	**34.5**	**30.6**	**38.7**

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **7**

Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	43	51	39	26
3	2195	Andalusia Dr	27	32	12	5
4	3829	E Las Posas Rd	33	15	65	26
5	1519	Applewood Ln	12	8	17	20
6	3038	Brittany Park Rd	7	8	14	8
7	1905	Blanchard Rd	4	10	21	5
8	1793	Yucca Drive	5	8	9	3
Totals	**18126**		**131**	**132**	**177**	**93**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	17	34	0	0
3	2195	Andalusia Dr	10	18	0	0
4	3829	E Las Posas Rd	11	0	39	12
5	1519	Applewood Ln	0	0	0	0
6	3038	Brittany Park Rd	0	0	0	0
7	1905	Blanchard Rd	0	2	13	0
8	1793	Yucca Drive	0	0	0	0
Totals	**18126**		**38**	**54**	**52**	**12**

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	23	44	24	11
3	2195	Andalusia Dr	21	24	0	0
4	3829	E Las Posas Rd	20	0	63	17
5	1519	Applewood Ln	3	0	14	14
6	3038	Brittany Park Rd	0	0	0	0
7	1905	Blanchard Rd	0	8	21	0
8	1793	Yucca Drive	0	0	0	0
Totals	**18126**		**67**	**76**	**122**	**42**

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **10**

Detailed Statistics By Run

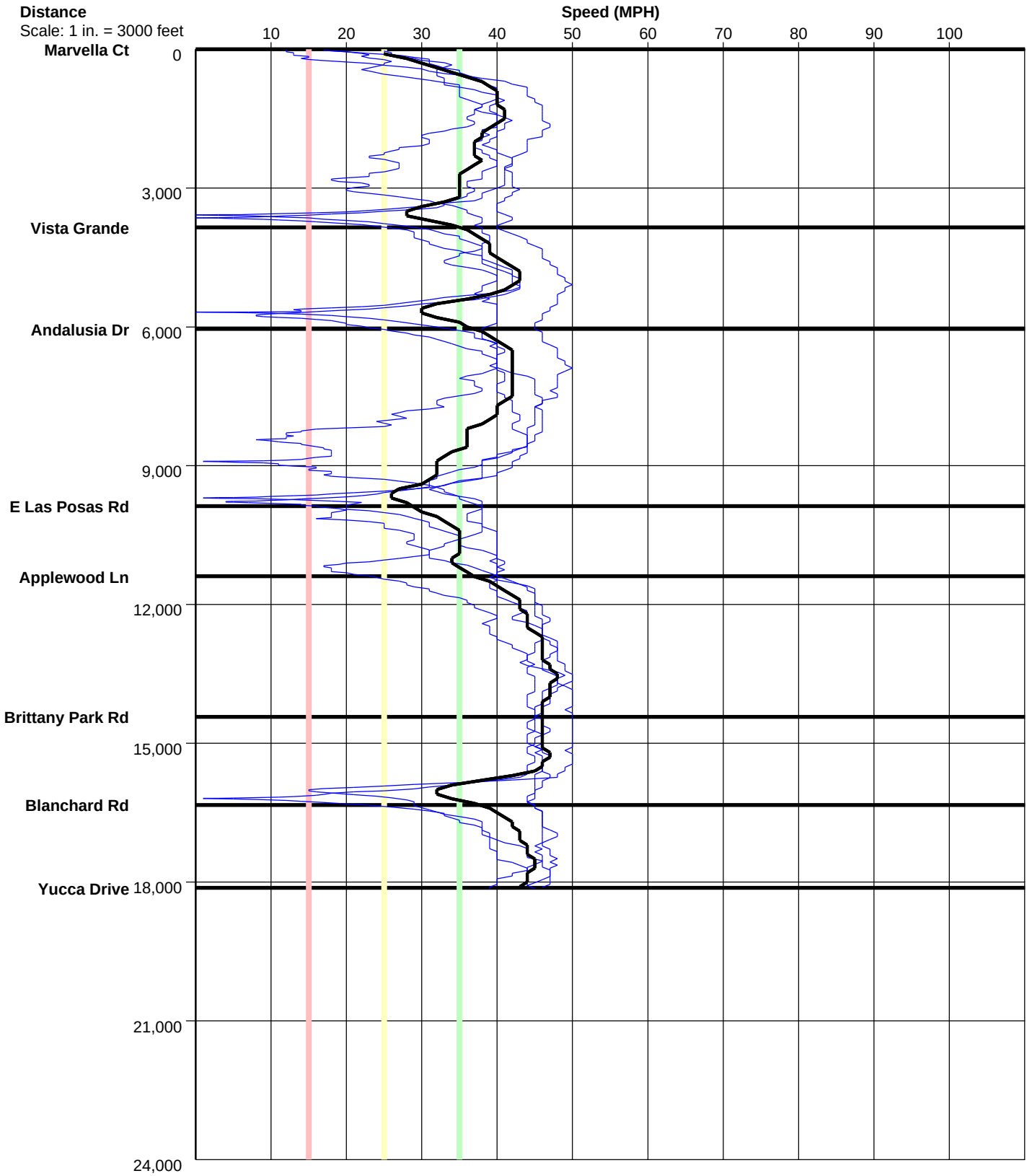
Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001)	Run #2 (Santa Rosa Road-AM-WB-002)	Run #3 (Santa Rosa Road-AM-WB-003)	Run #4 (Santa Rosa Road-AM-WB-004)
1	0	Marvella Ct				
2	3847	Vista Grande	48	55	56	21
3	2195	Andalusia Dr	36	37	5	0
4	3829	E Las Posas Rd	31	7	85	28
5	1519	Applewood Ln	18	0	24	33
6	3038	Brittany Park Rd	0	0	10	0
7	1905	Blanchard Rd	0	16	24	0
8	1793	Yucca Drive	0	4	7	0
Totals	**18126**		**133**	**119**	**211**	**82**

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **11**

Speed/Distance Profiles of All Runs



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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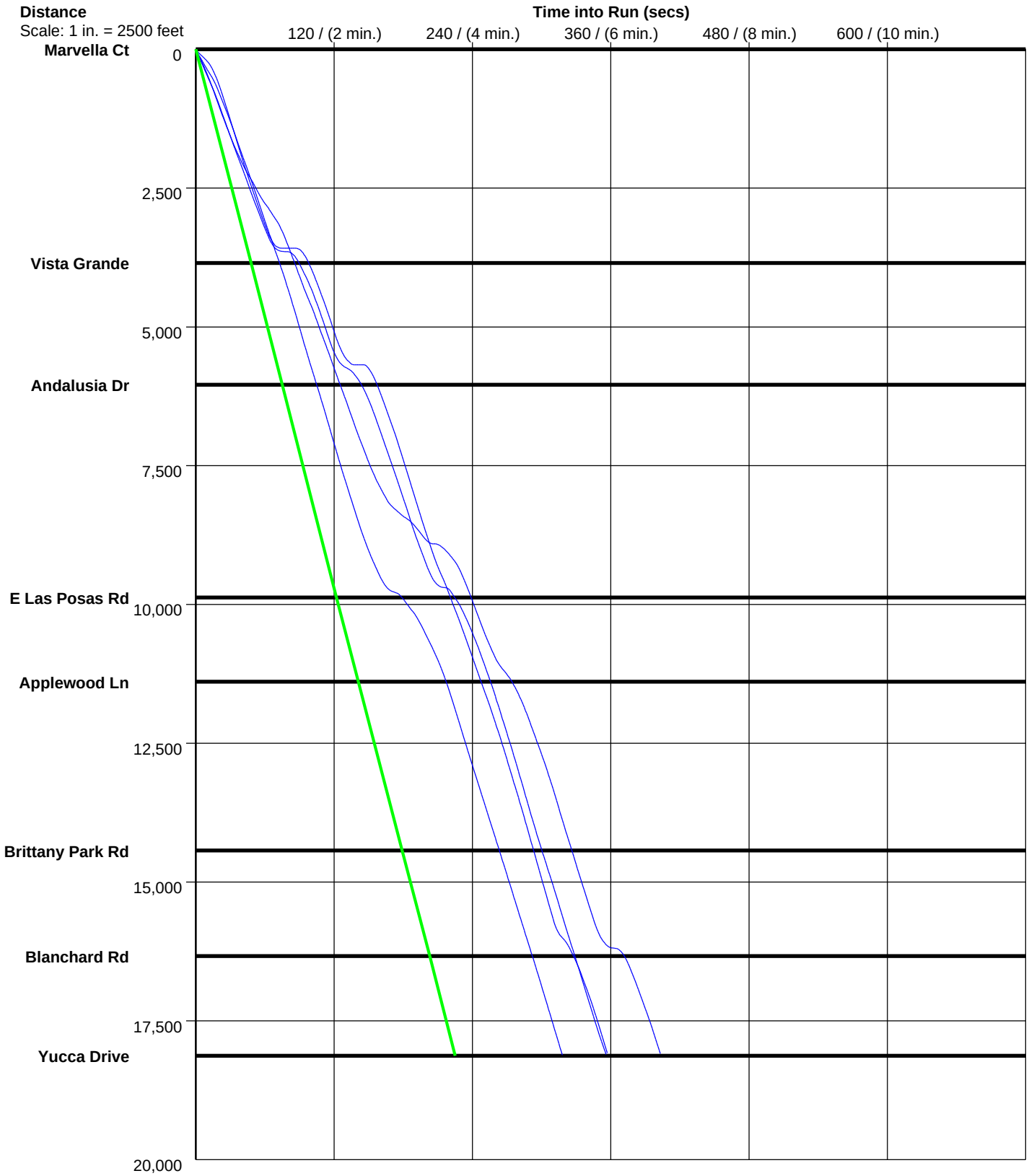
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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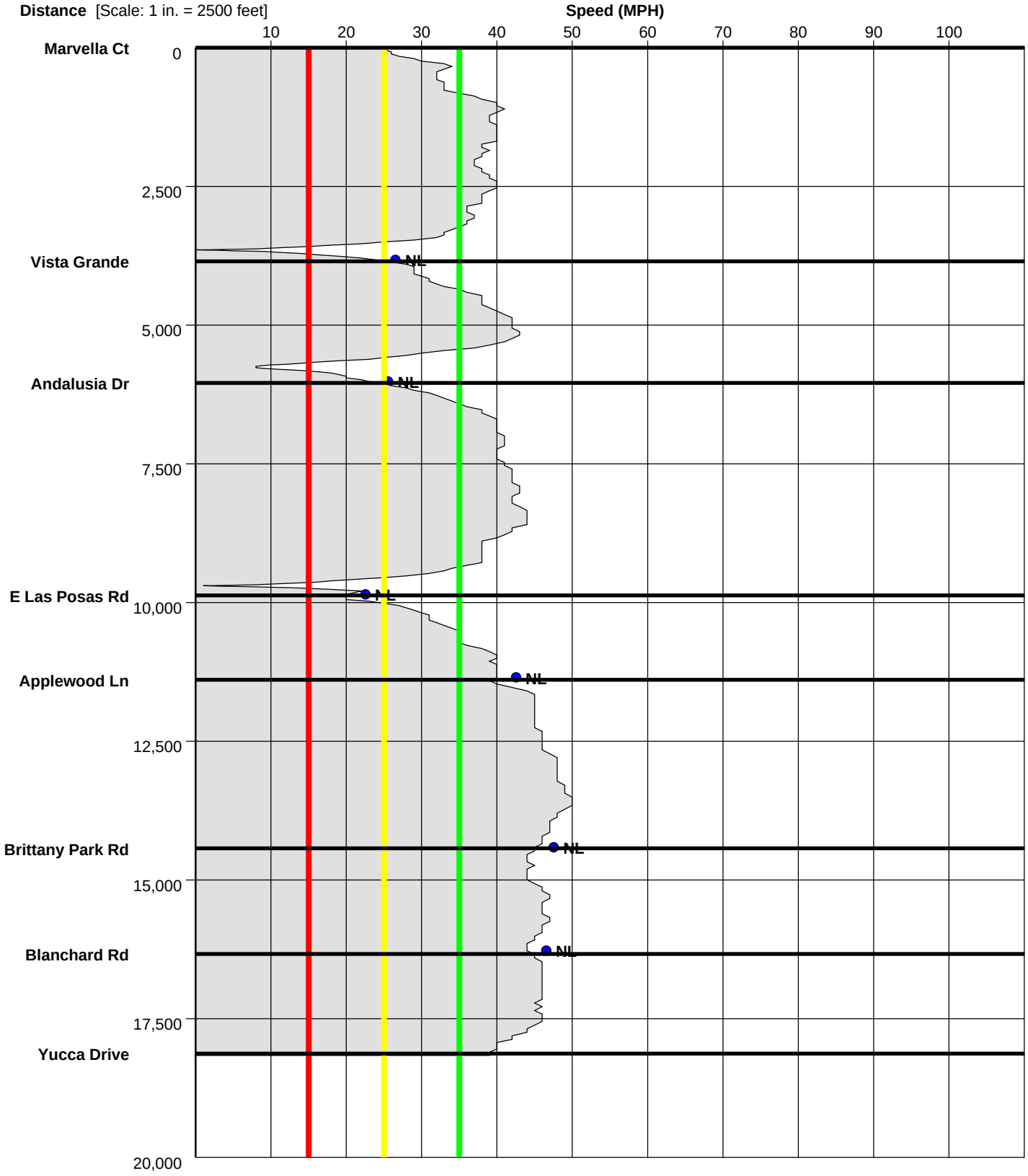
Speed Profile

Run : Santa Rosa Road-AM-WB-001 Start Time: 07:32 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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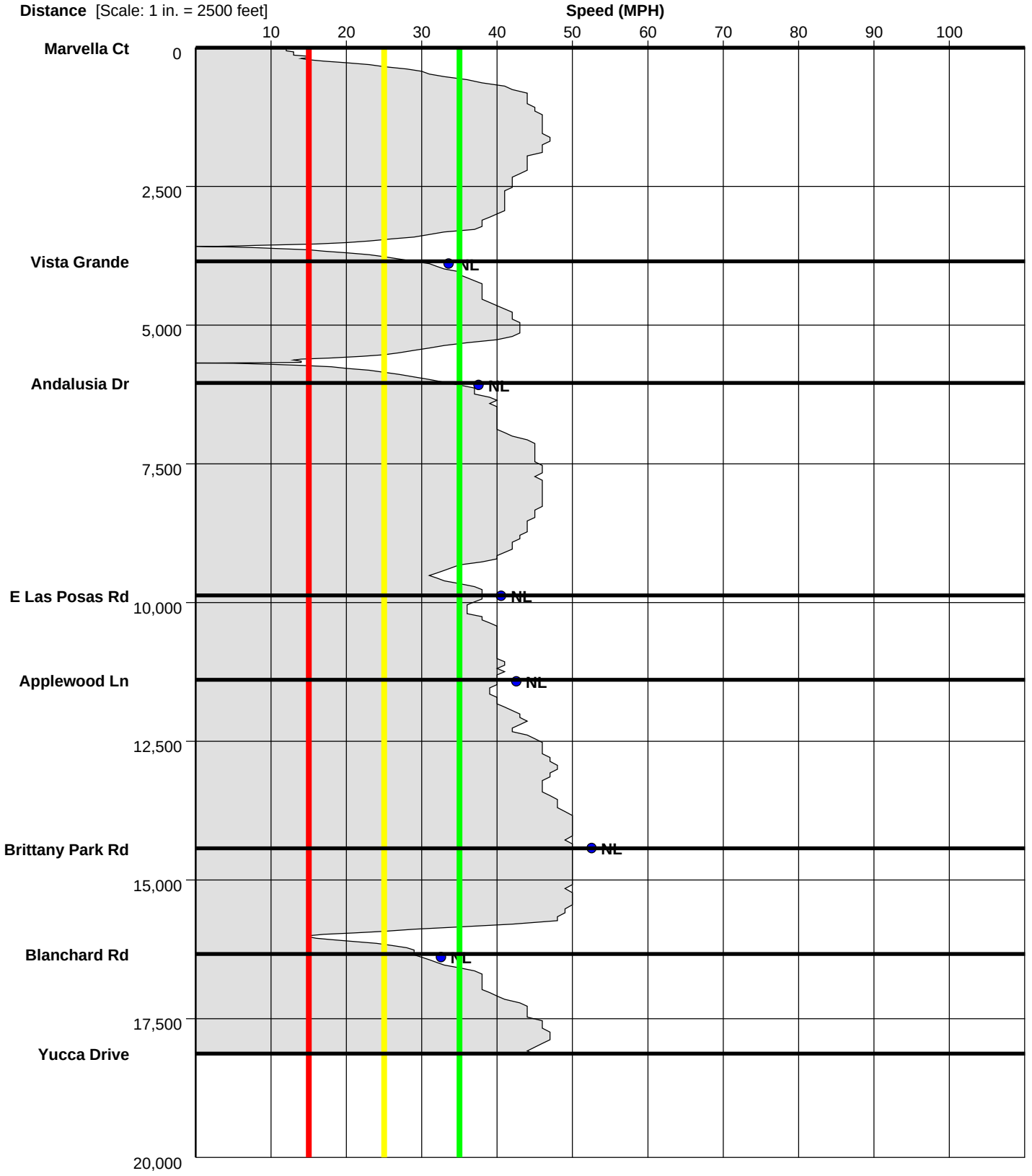
Speed Profile

Run : Santa Rosa Road-AM-WB-002 Start Time: 07:54 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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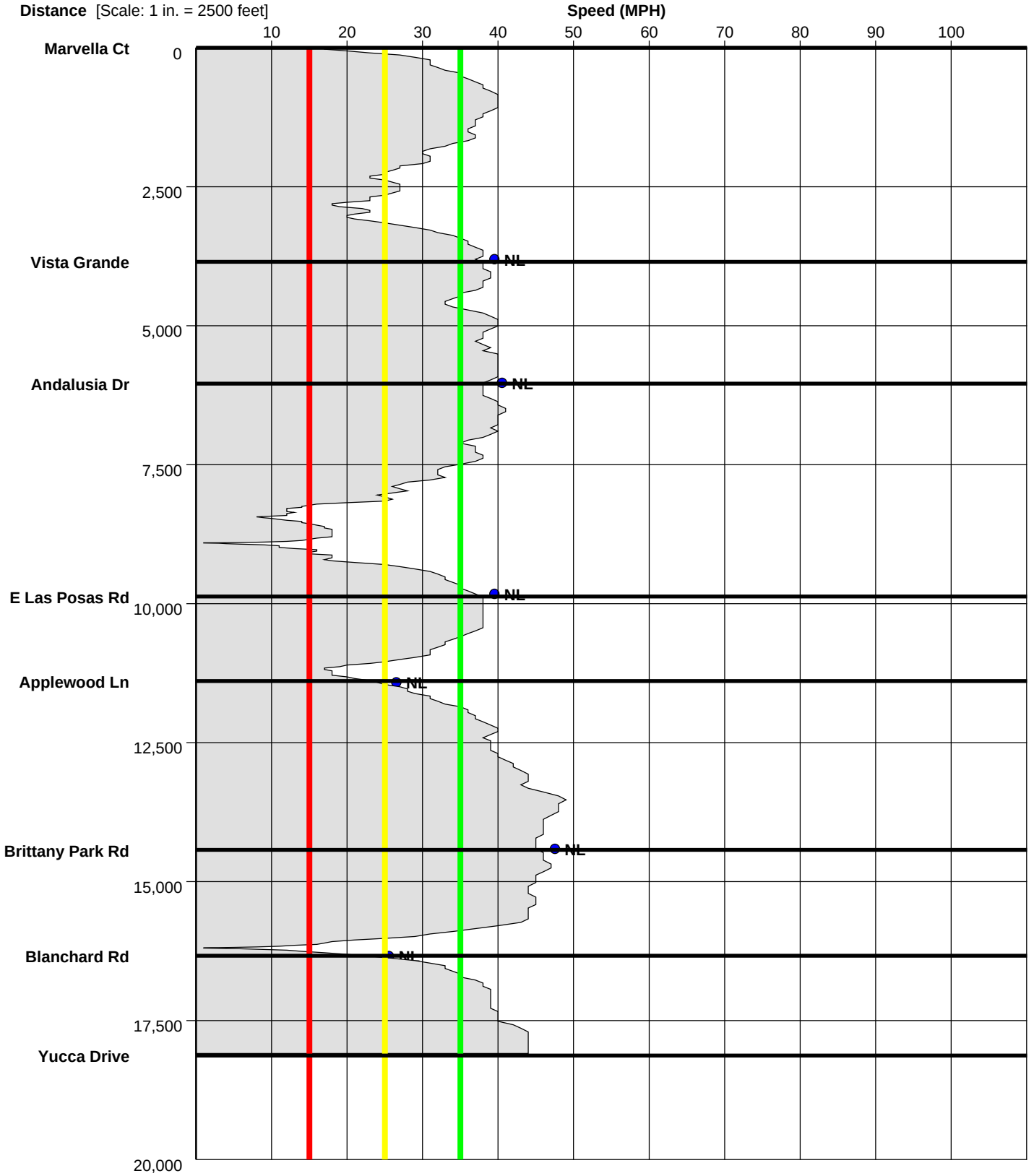
Speed Profile

Run : Santa Rosa Road-AM-WB-003 Start Time: 08:17 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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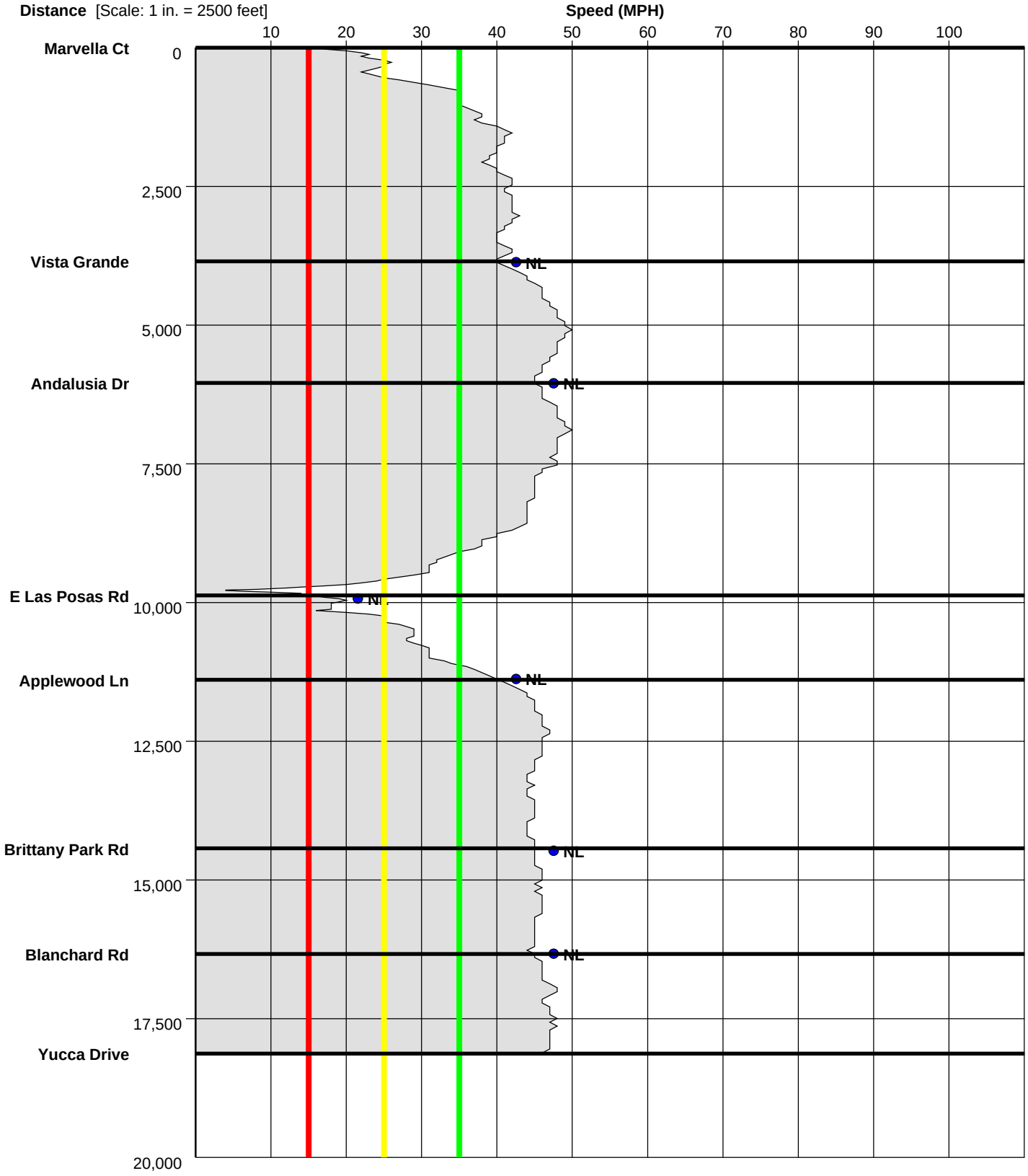
Speed Profile

Run : Santa Rosa Road-AM-WB-004 Start Time: 08:49 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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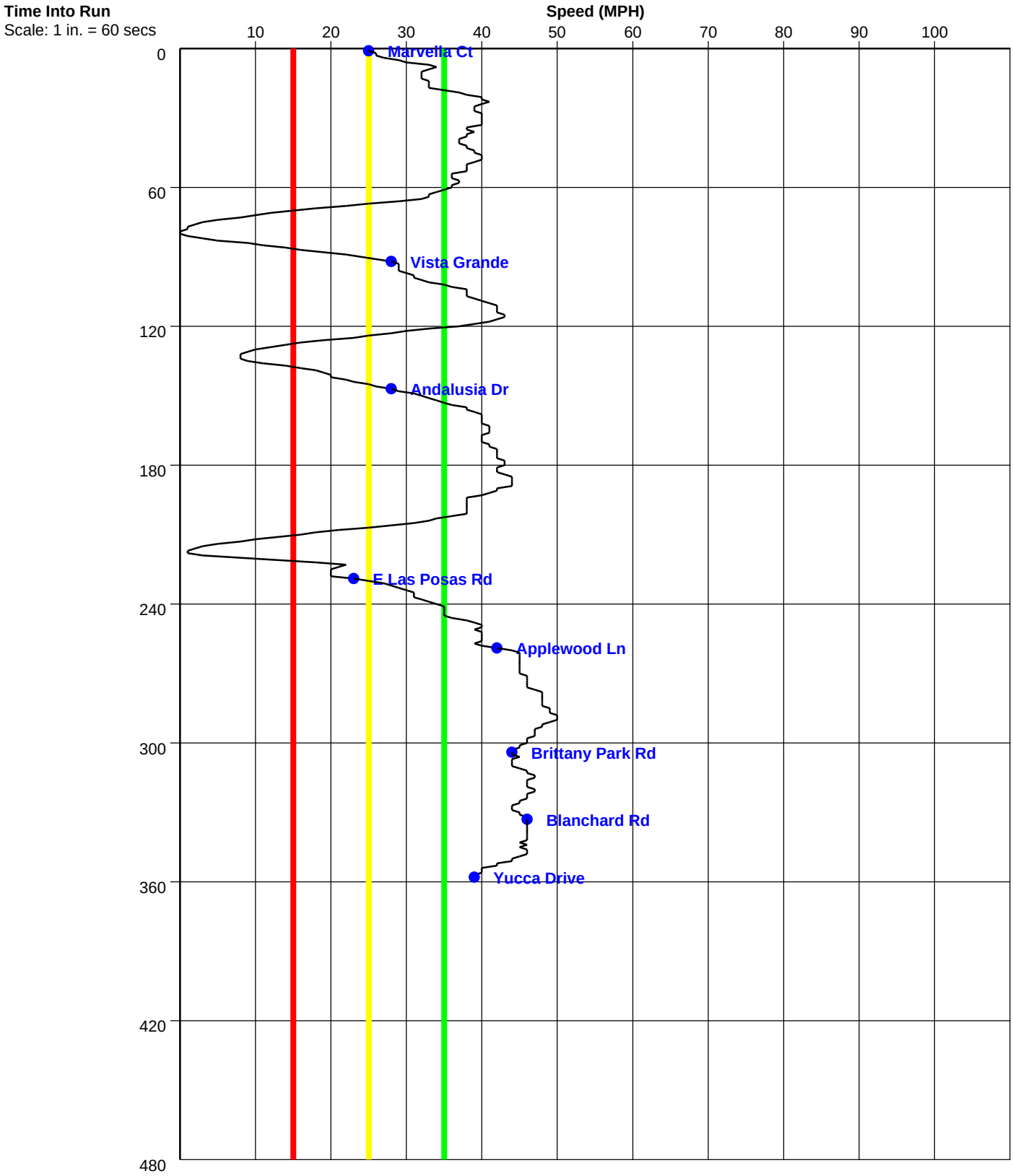
Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-001 Start Time:07:32 (This is a Before Run)



NDS
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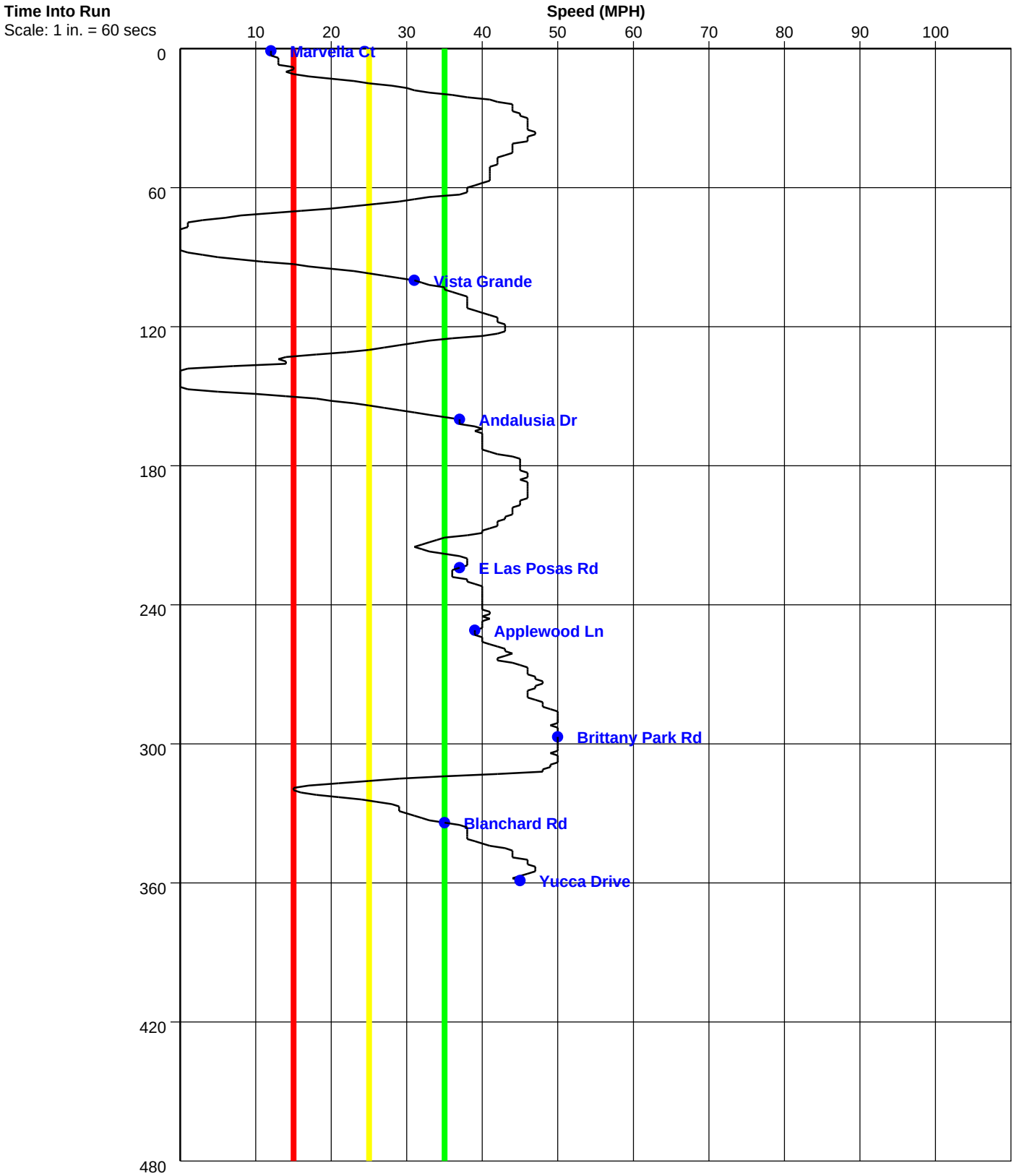
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
Page No. : **18**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-002 Start Time:07:54 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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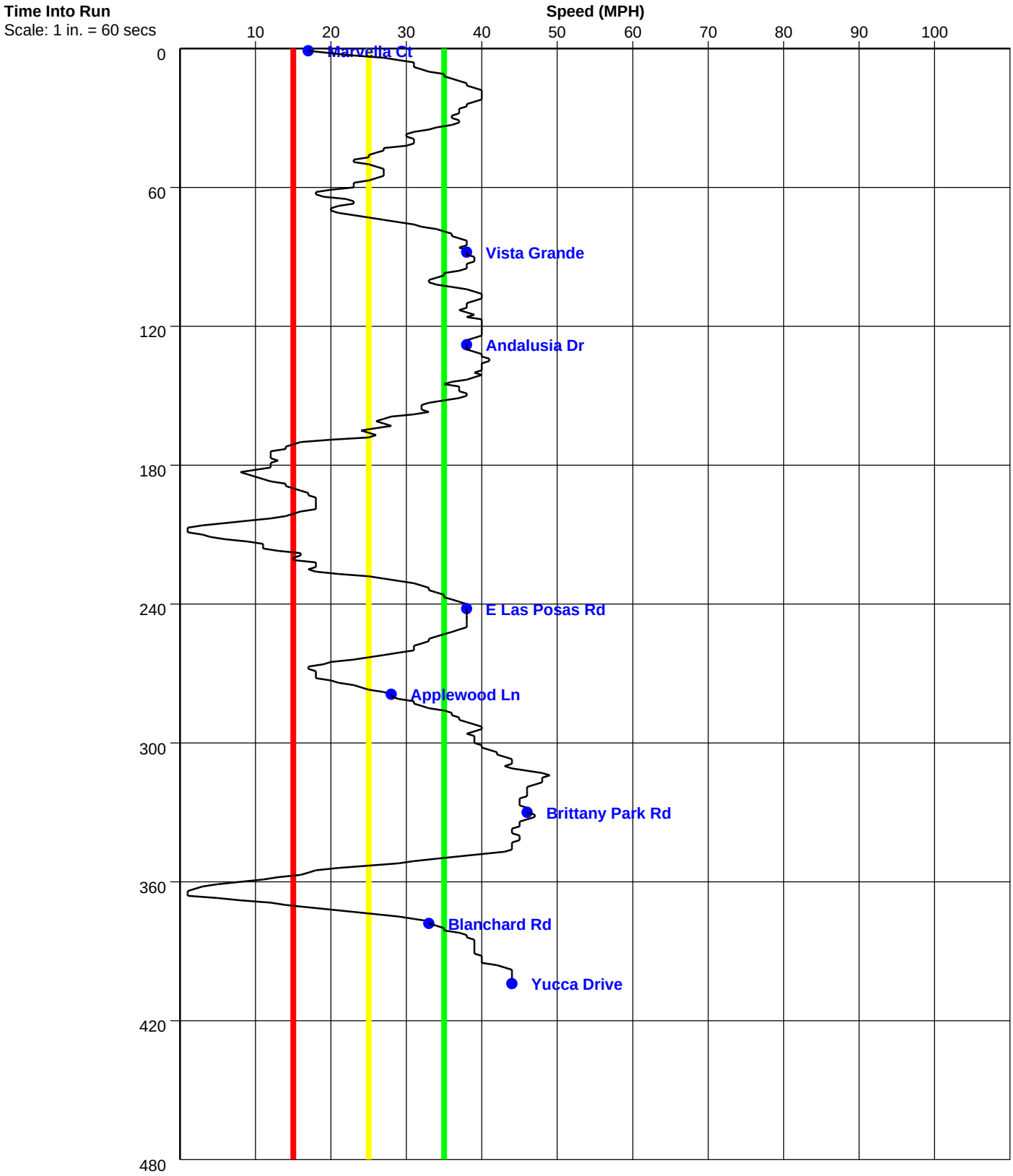
Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-003 Start Time:08:17 (This is a Before Run)



NDS
18-5646
AM-WB

Study Name : **18-5646-AM-WB**
Study Date : **09/27/2018**
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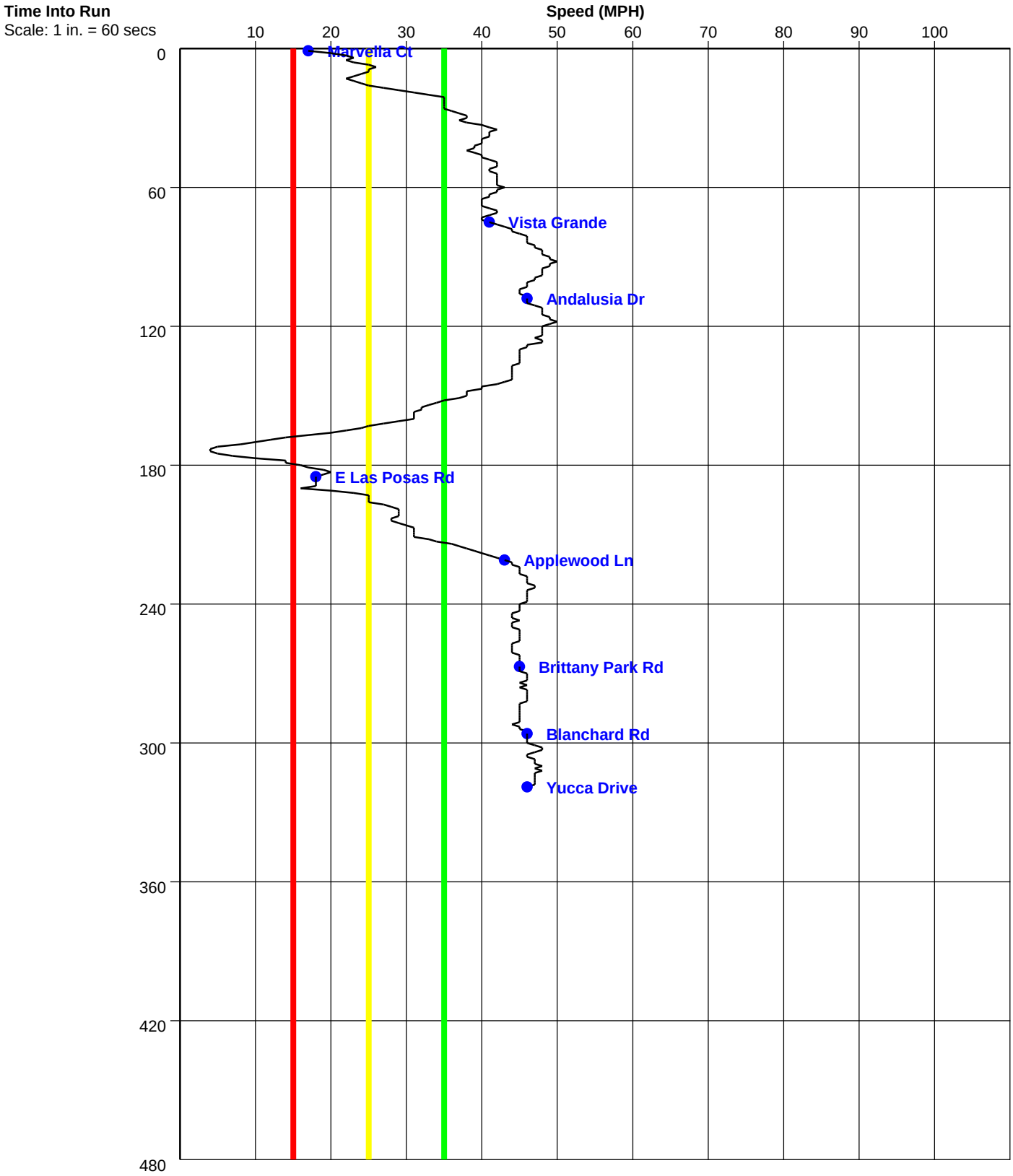
Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-004 Start Time:08:49 (This is a Before Run)



PC-Travel Reports for study: 18-5646-PM-EB

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NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-PM-EB-001	09/27/18	16:01	18371	Before	Primary
Santa Rosa Road-PM-EB-002	09/27/18	16:45	18374	Before	Primary
Santa Rosa Road-PM-EB-003	09/27/18	17:00	18385	Before	Primary
Santa Rosa Road-PM-EB-004	09/27/18	17:34	18312	Before	Primary

Node Info

#	Len	Name
1	0	Yucca Drive
2	2033	Blanchard Rd
3	1862	Brittany Park Rd
4	3081	Applewood Ln
5	1561	E Las Posas Rd
6	3844	Andalusia Dr
7	2152	Vista Grande
8	3791	Marvella Ct

Length of Study Route = 18,324 feet

Notes:

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Yucca Drive							
2	2033	Blanchard Rd	38.5	0.0	36.0	12.5	2.8	6.8	15.5
3	1862	Brittany Park Rd	29.8	0.0	42.7	6.5	0.0	0.0	2.0
4	3081	Applewood Ln	71.0	0.5	29.6	32.3	17.8	25.3	38.0
5	1561	E Las Posas Rd	38.8	0.3	27.5	19.0	6.8	13.3	28.8
6	3844	Andalusia Dr	82.0	0.5	32.0	34.0	16.5	21.3	37.0
7	2152	Vista Grande	48.8	0.3	30.1	21.8	8.5	15.8	28.8
8	3791	Marvella Ct	85.3	0.5	30.3	38.3	21.0	26.0	34.0
Total	**18,324**		**394.0**	**2.0**	**31.7**	**164.3**	**73.3**	**108.3**	**184.0**

Stats based on 4 BEFORE runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	31	30	37	56
3	1862	Brittany Park Rd	28	27	33	31
4	3081	Applewood Ln	72	44	85	83
5	1561	E Las Posas Rd	37	24	57	37
6	3844	Andalusia Dr	95	53	70	110
7	2152	Vista Grande	65	33	59	38
8	3791	Marvella Ct	72	113	63	93
Totals	**18324**		**400**	**324**	**404**	**448**

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	0	0	0	0
3	1862	Brittany Park Rd	0	0	0	0
4	3081	Applewood Ln	1	0	1	0
5	1561	E Las Posas Rd	0	0	1	0
6	3844	Andalusia Dr	1	0	0	1
7	2152	Vista Grande	0	0	1	0
8	3791	Marvella Ct	0	1	0	1
Totals	**18324**		**2**	**1**	**3**	**2**

Stops based on a Stop Speed of 5 MPH.

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	45.3	47.3	37.9	25.3
3	1862	Brittany Park Rd	44.7	47.4	38.3	40.5
4	3081	Applewood Ln	29.2	47.5	24.8	25.6
5	1561	E Las Posas Rd	29.0	44.1	18.4	28.4
6	3844	Andalusia Dr	27.7	49.5	37.6	23.8
7	2152	Vista Grande	22.2	43.8	24.7	38.8
8	3791	Marvella Ct	36.1	22.8	40.9	27.8
Totals	**18324**		**31.3**	**38.5**	**30.9**	**27.9**

NDS
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PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	5	4	11	30
3	1862	Brittany Park Rd	5	3	10	8
4	3081	Applewood Ln	34	5	46	44
5	1561	E Las Posas Rd	17	4	38	17
6	3844	Andalusia Dr	47	5	22	62
7	2152	Vista Grande	38	6	32	11
8	3791	Marvella Ct	25	66	16	46
Totals	**18324**		**171**	**93**	**175**	**218**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **8**

Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	0	0	0	11
3	1862	Brittany Park Rd	0	0	0	0
4	3081	Applewood Ln	16	0	34	21
5	1561	E Las Posas Rd	0	0	22	5
6	3844	Andalusia Dr	27	0	0	39
7	2152	Vista Grande	16	0	18	0
8	3791	Marvella Ct	0	49	2	33
Totals	**18324**		**59**	**49**	**76**	**109**

NDS
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PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	0	0	0	27
3	1862	Brittany Park Rd	0	0	0	0
4	3081	Applewood Ln	24	0	40	37
5	1561	E Las Posas Rd	0	0	40	13
6	3844	Andalusia Dr	37	0	3	45
7	2152	Vista Grande	41	0	21	1
8	3791	Marvella Ct	5	54	6	39
Totals	**18324**		**107**	**54**	**110**	**162**

NDS
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PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001)	Run #2 (Santa Rosa Road-PM-EB-002)	Run #3 (Santa Rosa Road-PM-EB-003)	Run #4 (Santa Rosa Road-PM-EB-004)
1	0	Yucca Drive				
2	2033	Blanchard Rd	0	0	16	46
3	1862	Brittany Park Rd	0	0	8	0
4	3081	Applewood Ln	36	0	49	67
5	1561	E Las Posas Rd	37	0	54	24
6	3844	Andalusia Dr	46	0	28	74
7	2152	Vista Grande	61	10	36	8
8	3791	Marvella Ct	25	57	11	43
Totals	**18324**		**205**	**67**	**202**	**262**

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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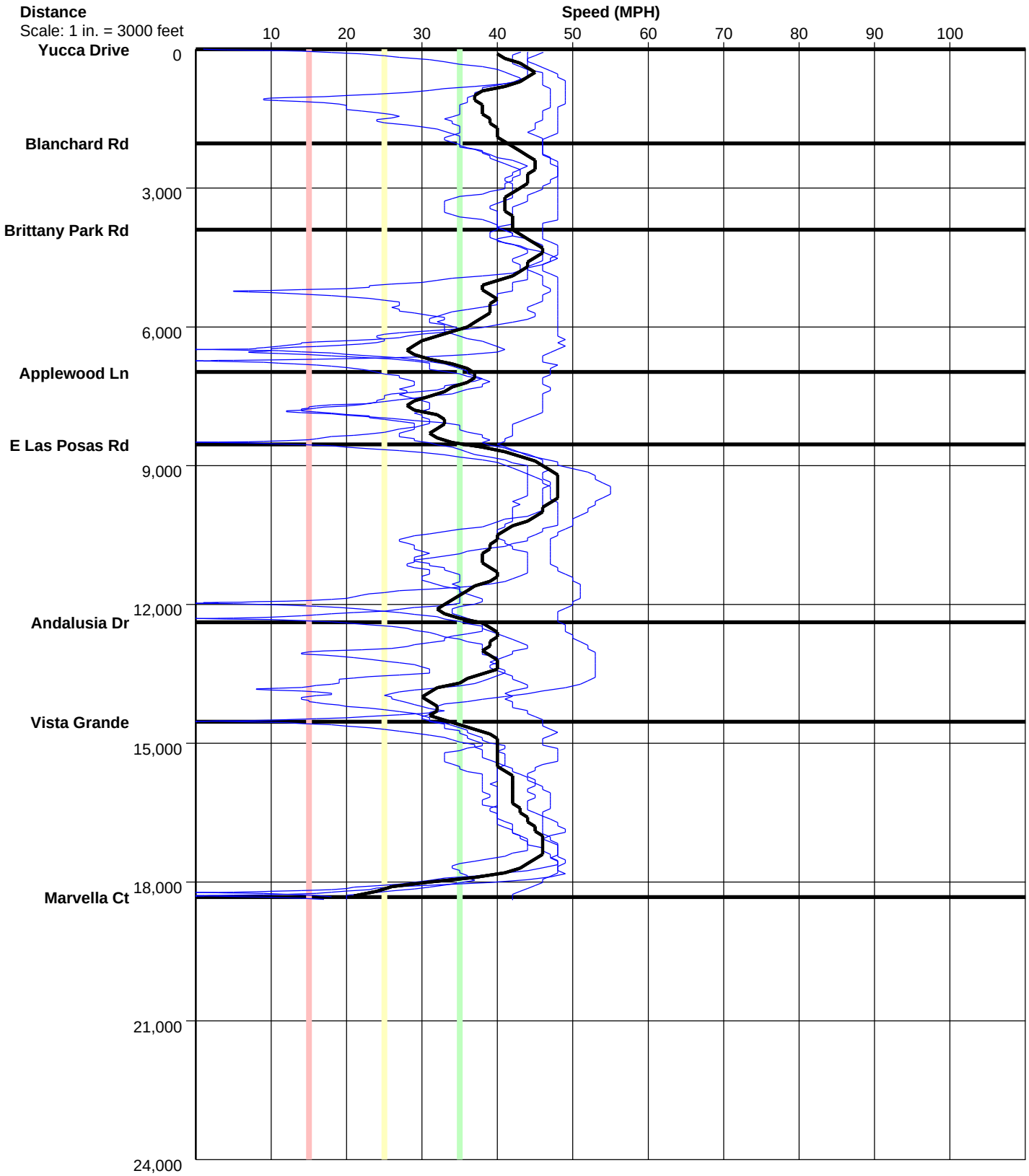
Speed/Distance Profiles of All Runs



NDS
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PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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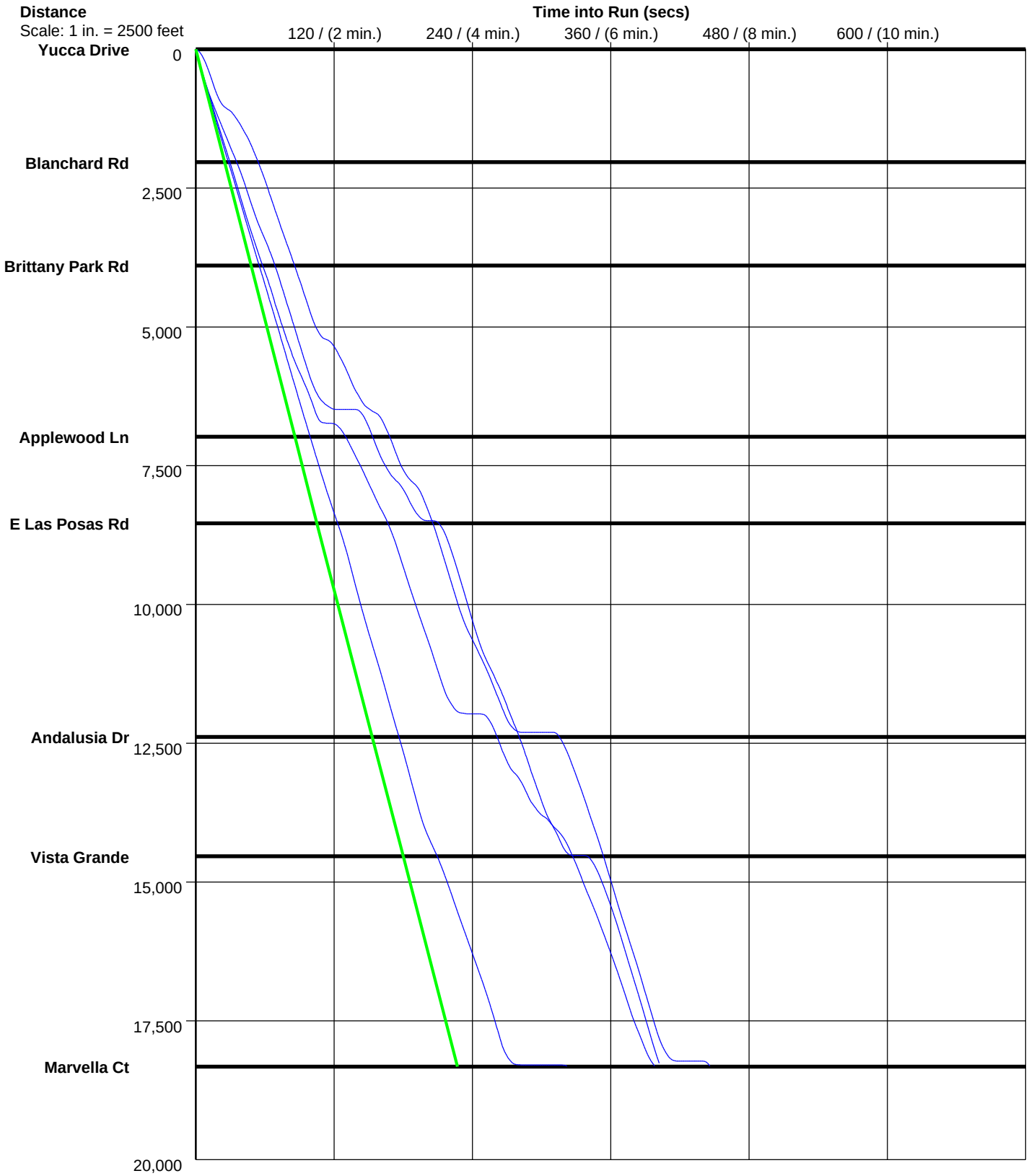
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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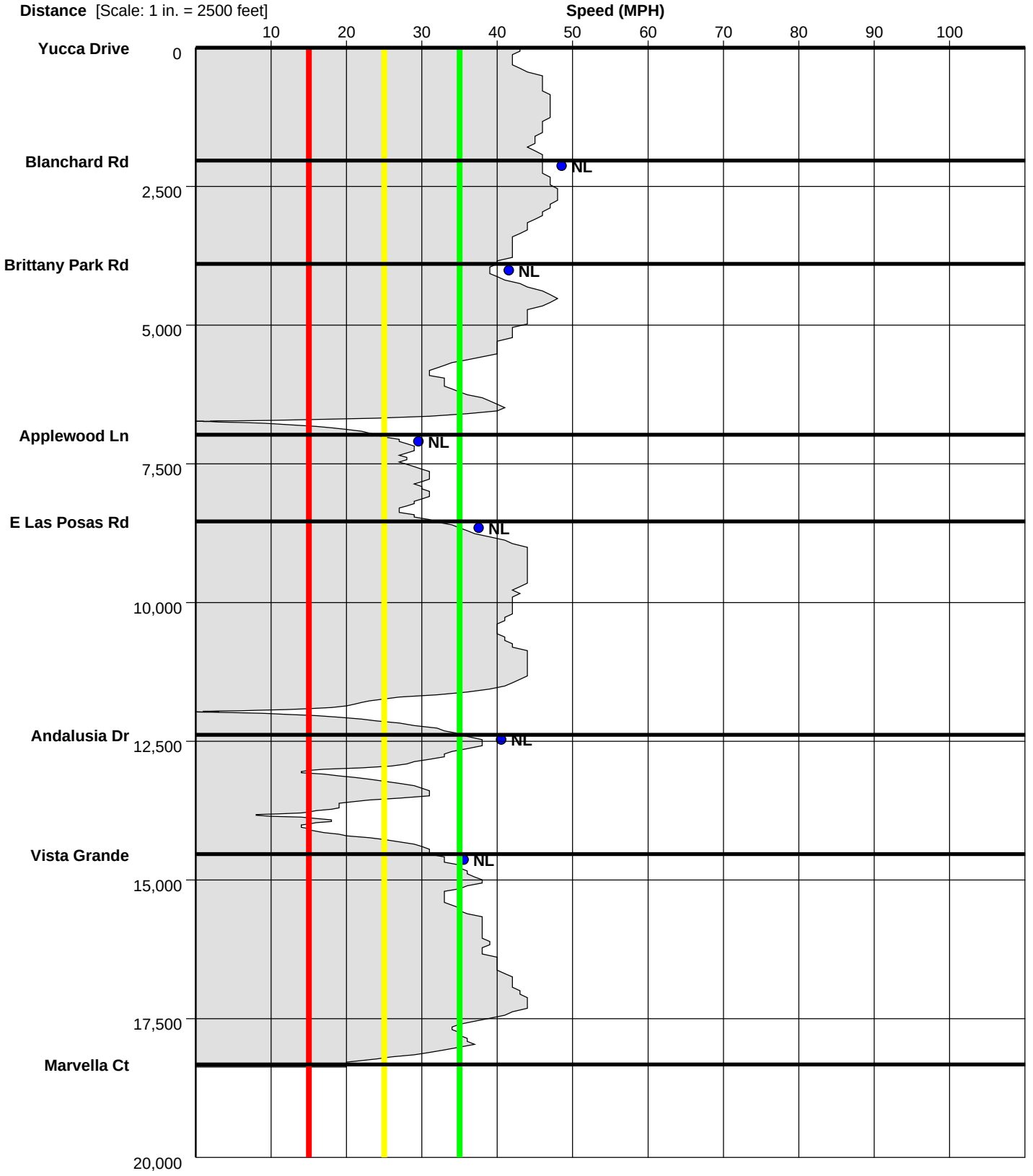
Speed Profile

Run : Santa Rosa Road-PM-EB-001 Start Time: 16:01 (This is a Before Run)



NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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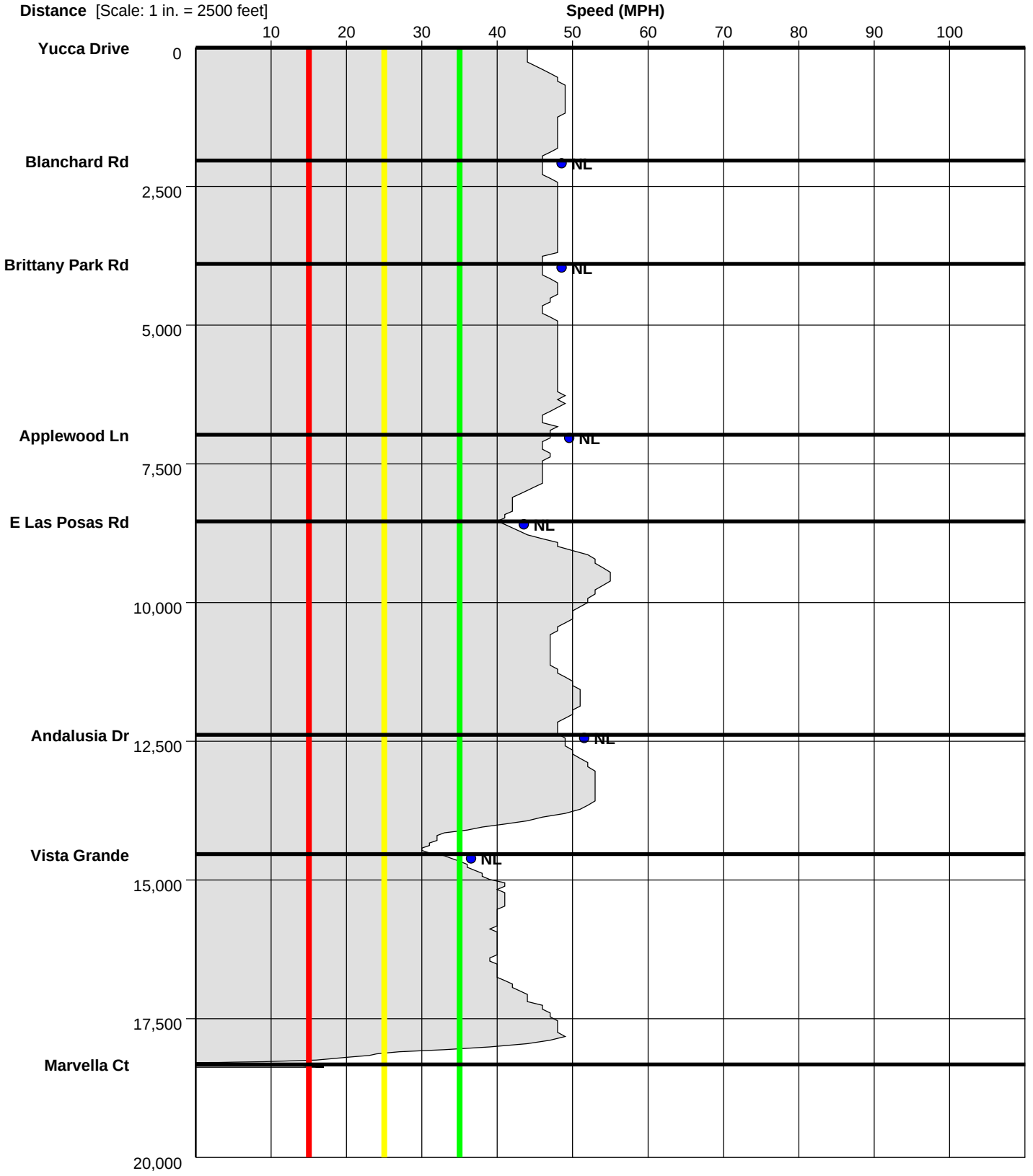
Speed Profile

Run : Santa Rosa Road-PM-EB-002 Start Time: 16:45 (This is a Before Run)



NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
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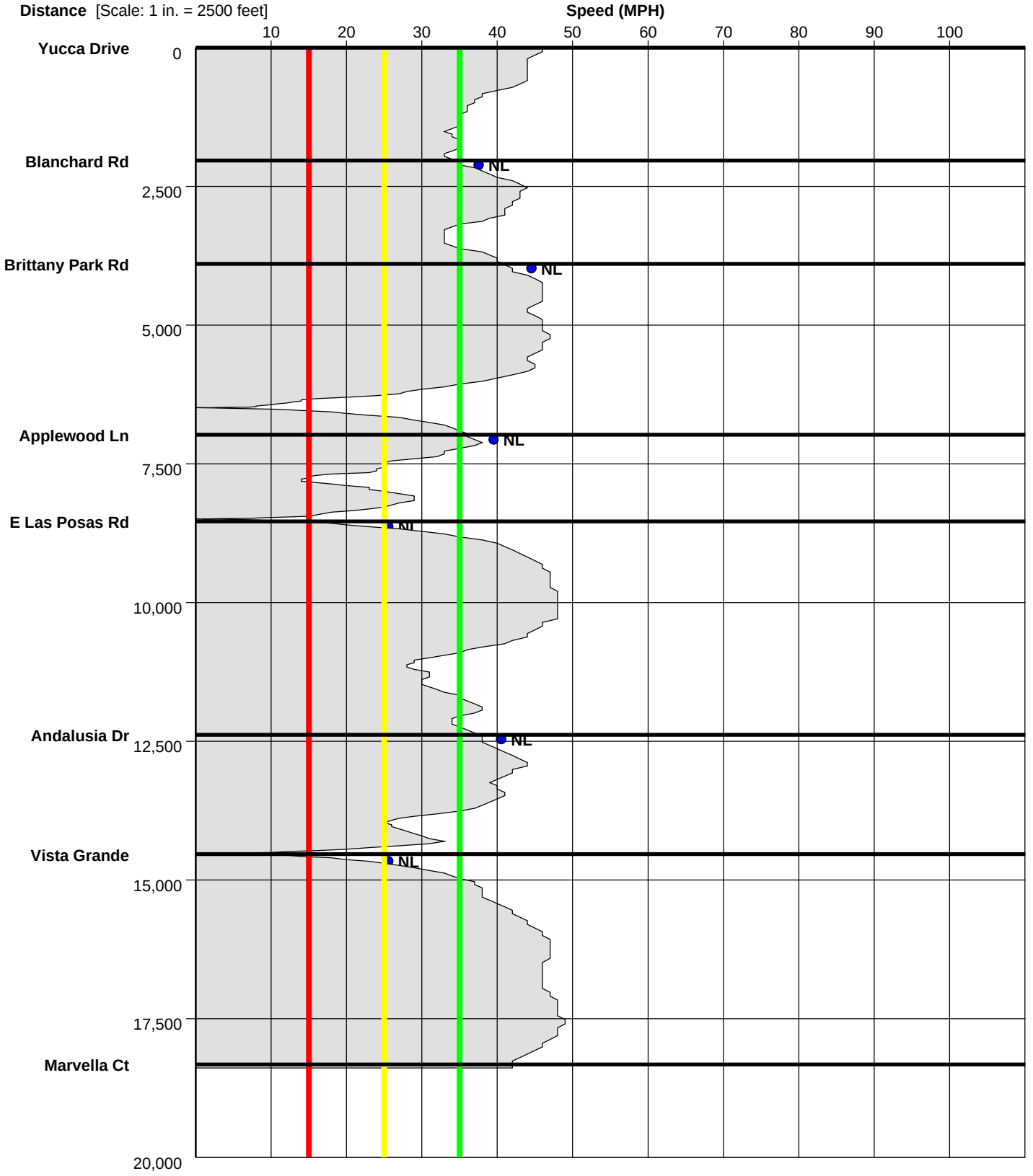
Speed Profile

Run : Santa Rosa Road-PM-EB-003 Start Time: 17:00 (This is a Before Run)



NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
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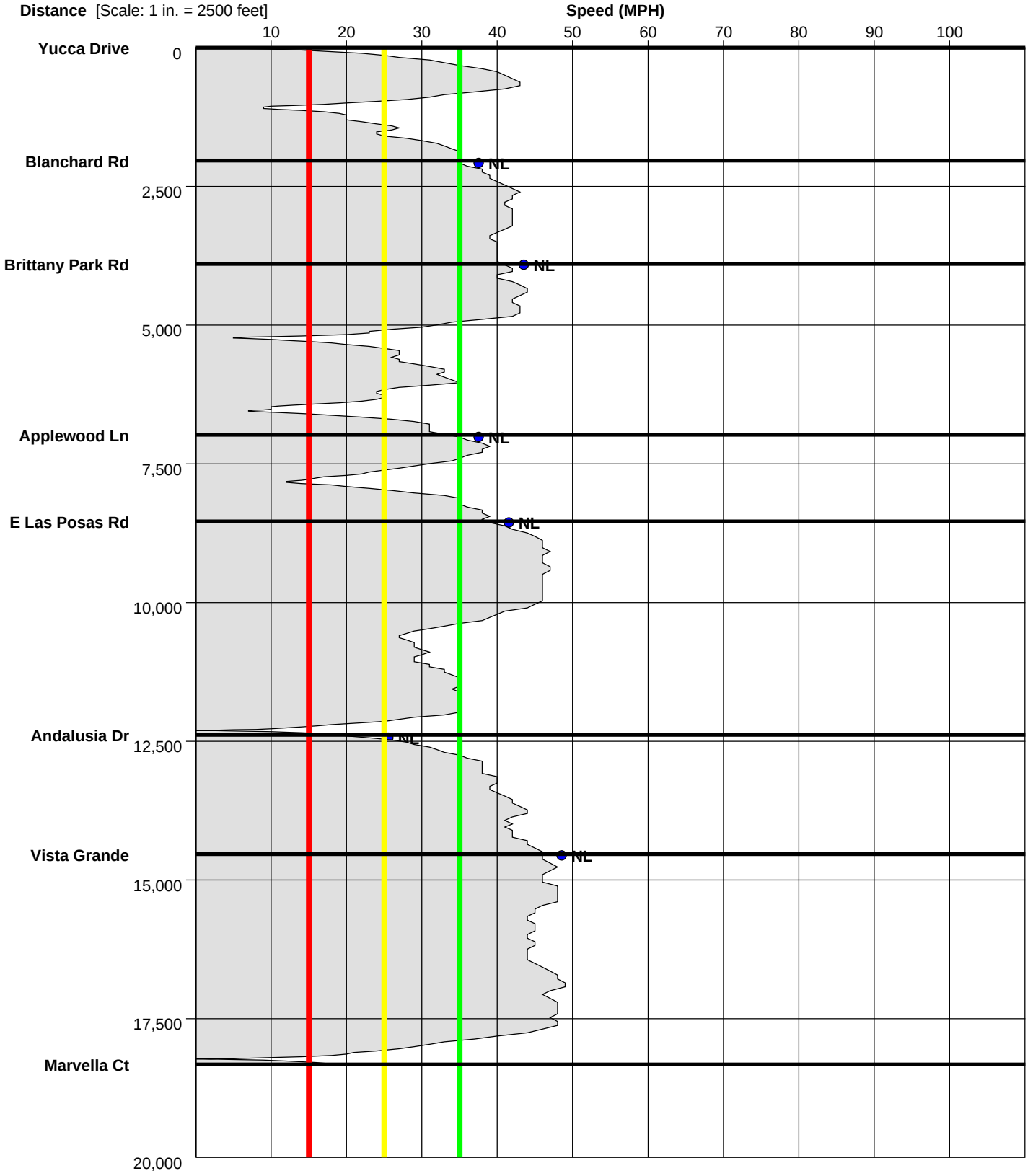
Speed Profile

Run : Santa Rosa Road-PM-EB-004 Start Time: 17:34 (This is a Before Run)



NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
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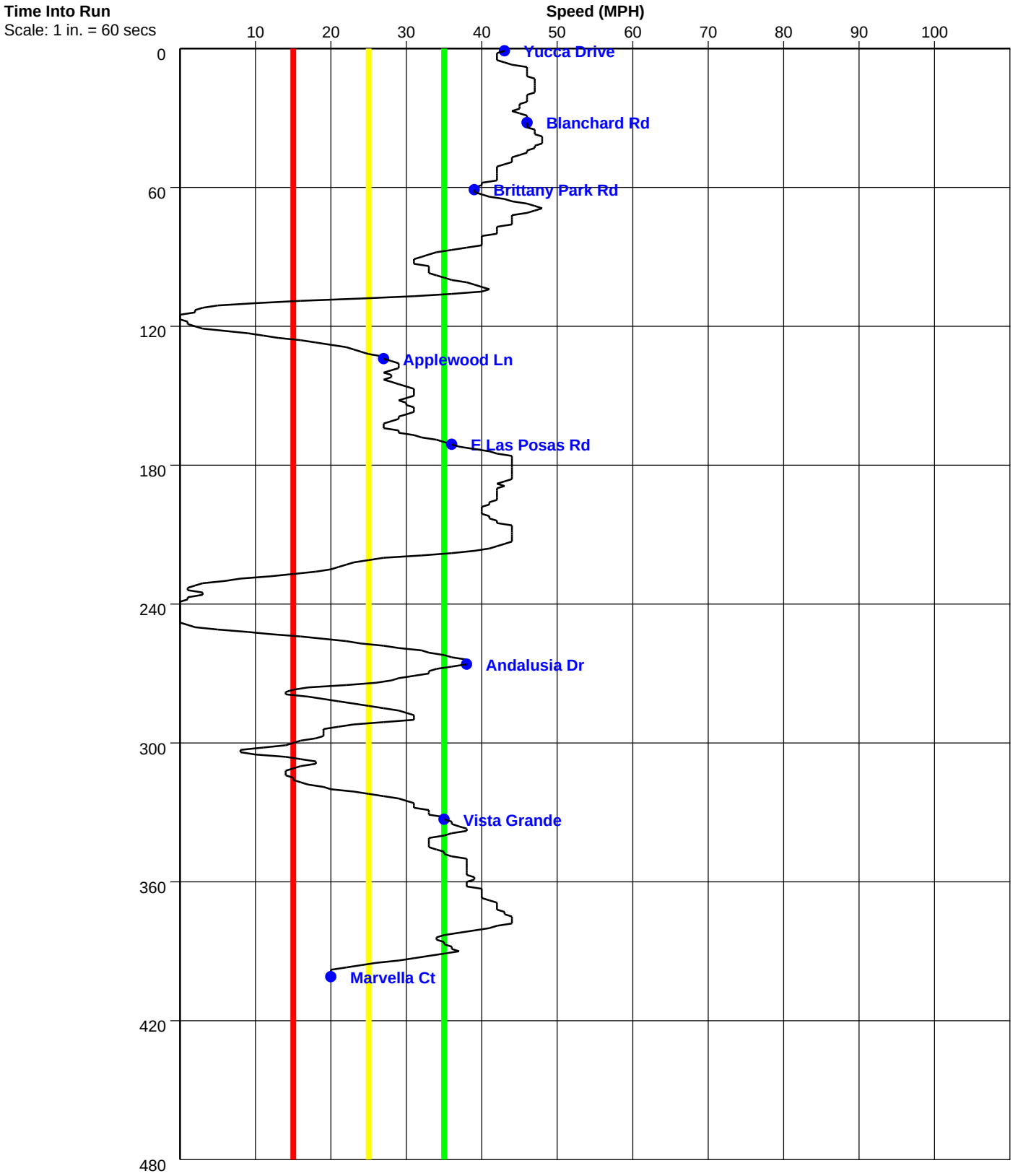
Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-001 Start Time:16:01 (This is a Before Run)

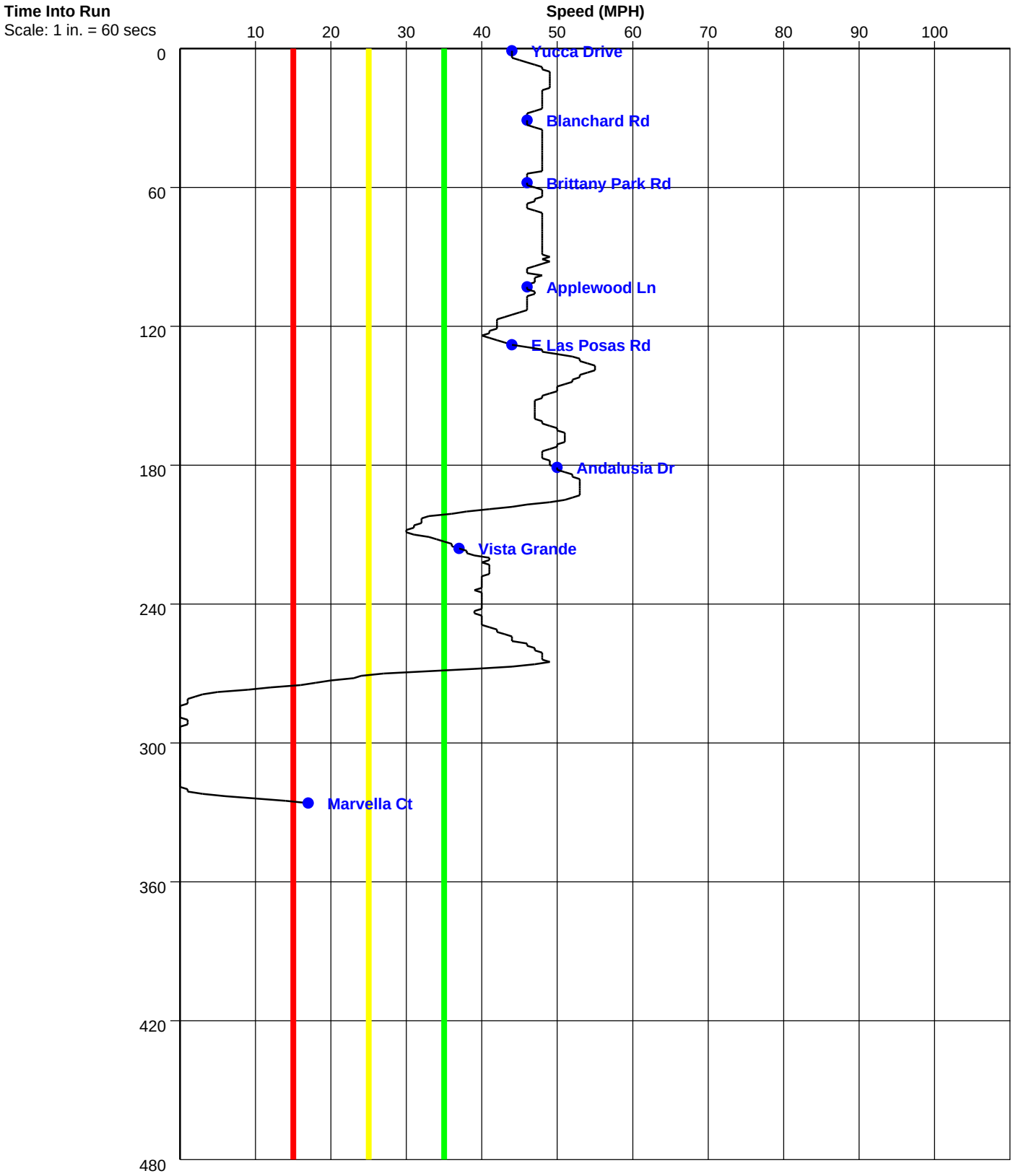


NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **18**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-002 Start Time:16:45 (This is a Before Run)

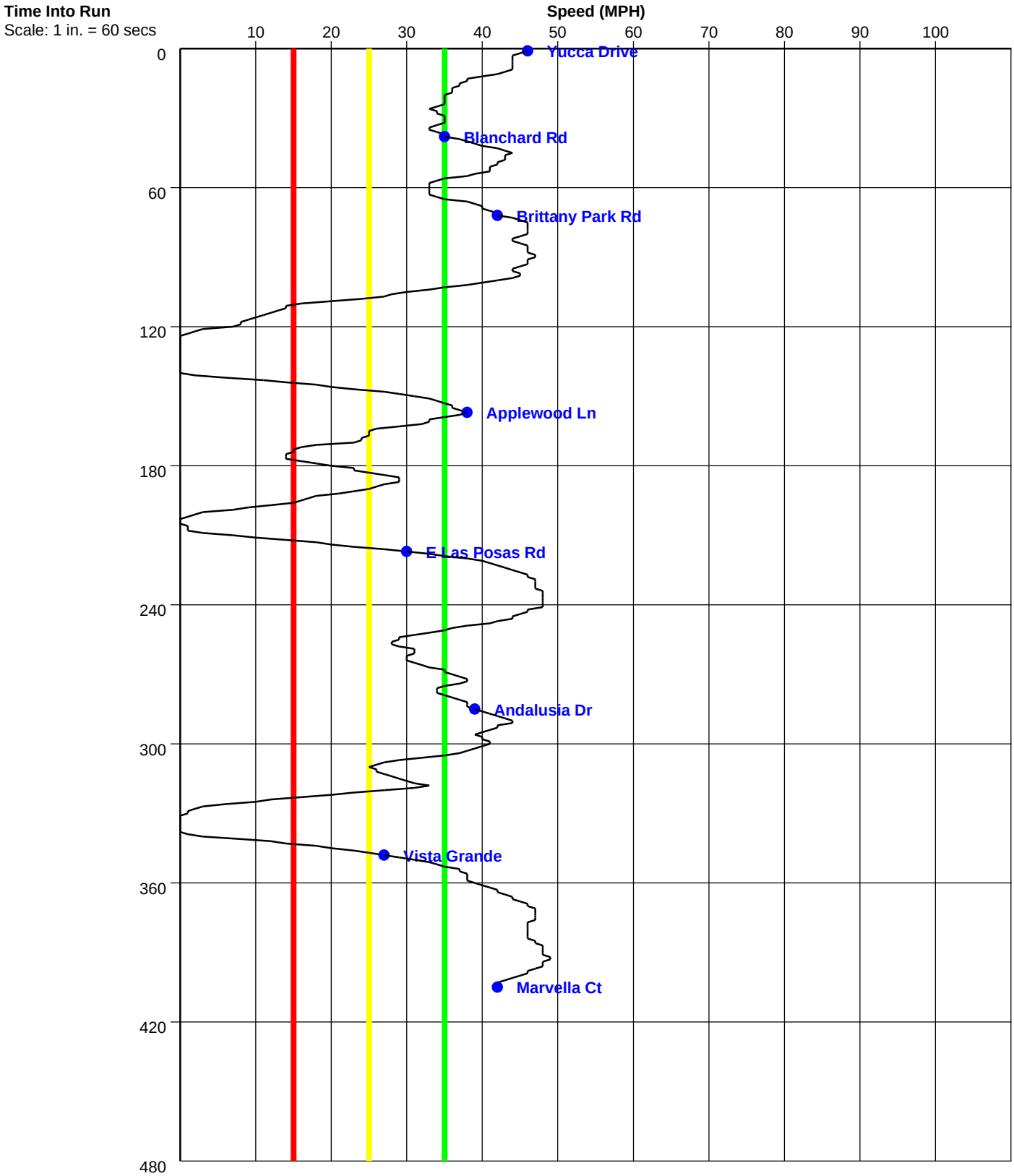


NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **19**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-003 Start Time:17:00 (This is a Before Run)

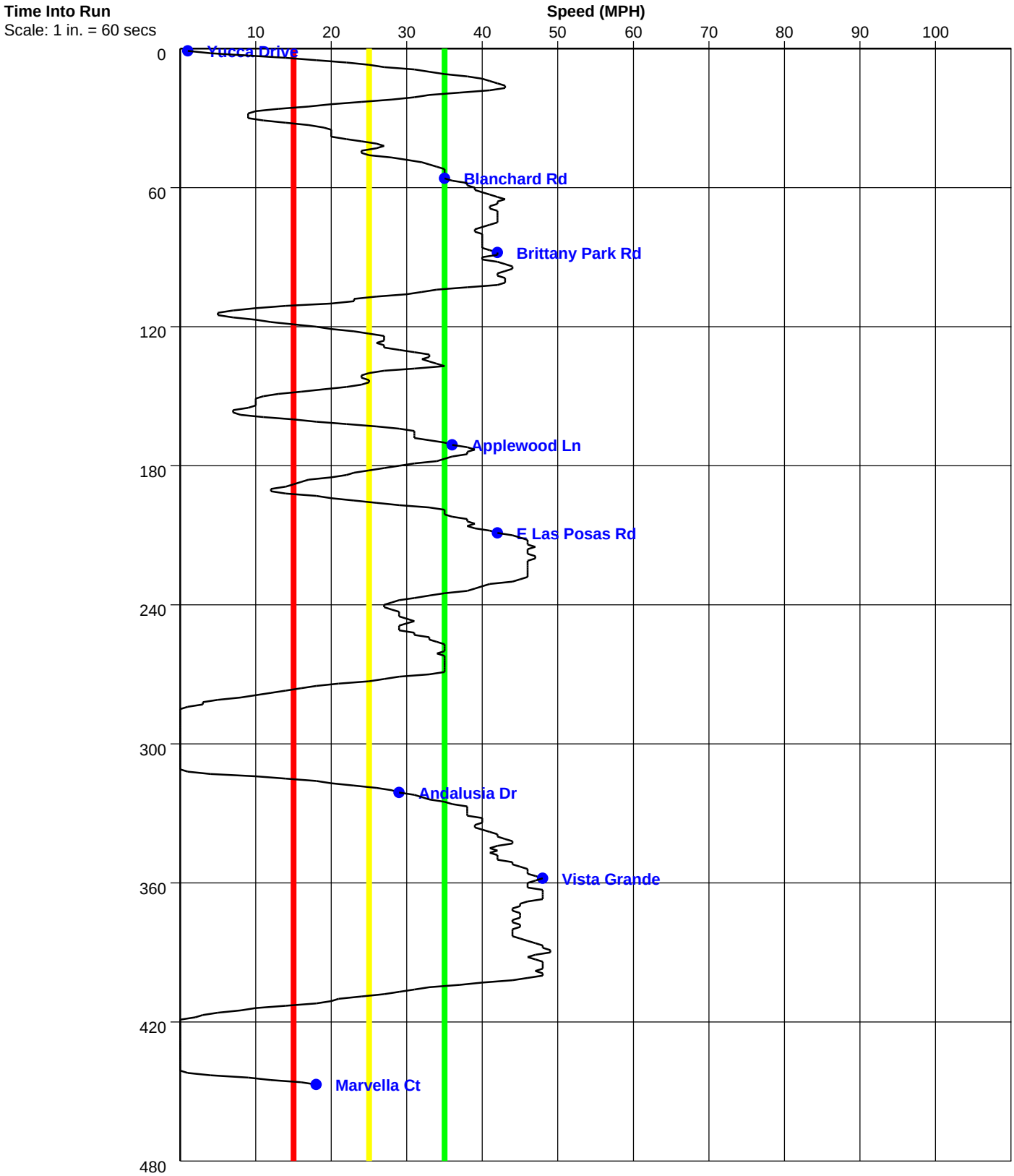


NDS
18-5646
PM-EB

Study Name : **18-5646-PM-EB**
Study Date : **09/27/2018**
Page No. : **20**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-004 Start Time:17:34 (This is a Before Run)



PC-Travel Reports for study: 18-5646-PM-WB

Report Name	***Page***
Study Summary	2
Overall Output Statistics	3
Detailed Statistics By Run - Travel Times	4
Detailed Statistics By Run - Stops	5
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Speed Profile (Distance vs Spd) for Santa Rosa Road-PM-WB-001	13
Speed Profile (Distance vs Spd) for Santa Rosa Road-PM-WB-002	14
Speed Profile (Distance vs Spd) for Santa Rosa Road-PM-WB-003	15
Speed Profile (Distance vs Spd) for Santa Rosa Road-PM-WB-004	16
Speed Profile (Time vs Spd) for Santa Rosa Road-PM-WB-001	17
Speed Profile (Time vs Spd) for Santa Rosa Road-PM-WB-002	18
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Speed Profile (Time vs Spd) for Santa Rosa Road-PM-WB-004	20

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-PM-WB-001	09/27/18	16:11	18238	Before	Primary
Santa Rosa Road-PM-WB-002	09/27/18	16:26	18213	Before	Primary
Santa Rosa Road-PM-WB-003	09/27/18	16:39	18236	Before	Primary
Santa Rosa Road-PM-WB-004	09/27/18	17:56	18285	Before	Primary

Node Info

#	Len	Name
1	0	Marvella Ct
2	3875	Vista Grande
3	2200	Andalusia Dr
4	3813	E Las Posas Rd
5	1541	Applewood Ln
6	3039	Brittany Park Rd
7	1921	Blanchard Rd
8	1854	Yucca Drive

Length of Study Route = 18,243 feet

Notes:

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Marvella Ct							
2	3875	Vista Grande	65.0	0.0	40.6	16.8	1.8	6.5	13.8
3	2200	Andalusia Dr	38.0	0.3	39.5	10.5	3.5	6.3	9.0
4	3813	E Las Posas Rd	55.5	0.0	46.8	7.8	0.0	2.3	6.0
5	1541	Applewood Ln	23.5	0.0	44.7	3.8	0.0	0.0	1.0
6	3039	Brittany Park Rd	42.3	0.0	49.0	3.8	0.0	0.0	1.0
7	1921	Blanchard Rd	26.0	0.0	50.4	2.0	0.0	0.0	0.3
8	1854	Yucca Drive	27.8	0.0	45.6	4.0	0.0	0.0	2.5
Total	**18,243**		**278.0**	**0.3**	**44.7**	**48.5**	**5.3**	**15.0**	**33.5**

Stats based on 4 BEFORE runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	63	63	69	65
3	2200	Andalusia Dr	38	32	52	30
4	3813	E Las Posas Rd	57	50	65	50
5	1541	Applewood Ln	23	21	28	22
6	3039	Brittany Park Rd	45	40	44	40
7	1921	Blanchard Rd	29	25	26	24
8	1854	Yucca Drive	29	26	25	31
Totals	**18243**		**284**	**257**	**309**	**262**

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	0	0	0	0
3	2200	Andalusia Dr	0	0	1	0
4	3813	E Las Posas Rd	0	0	0	0
5	1541	Applewood Ln	0	0	0	0
6	3039	Brittany Park Rd	0	0	0	0
7	1921	Blanchard Rd	0	0	0	0
8	1854	Yucca Drive	0	0	0	0
Totals	**18243**		**0**	**0**	**1**	**0**

Stops based on a Stop Speed of 5 MPH.

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	42.1	42.1	38.3	41.1
3	2200	Andalusia Dr	39.3	47.3	29.0	50.0
4	3813	E Las Posas Rd	45.6	51.8	40.2	51.6
5	1541	Applewood Ln	46.9	50.5	38.3	47.1
6	3039	Brittany Park Rd	45.9	52.5	46.7	52.9
7	1921	Blanchard Rd	44.2	50.8	50.4	52.8
8	1854	Yucca Drive	44.9	49.2	51.2	41.4
Totals	**18243**		**43.9**	**48.5**	**40.3**	**47.5**

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **7**

Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	15	15	21	16
3	2200	Andalusia Dr	11	4	25	2
4	3813	E Las Posas Rd	10	2	17	2
5	1541	Applewood Ln	3	1	8	3
6	3039	Brittany Park Rd	7	1	6	1
7	1921	Blanchard Rd	5	1	2	0
8	1854	Yucca Drive	5	3	1	7
Totals	**18243**		**56**	**27**	**80**	**31**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **8**

Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	1	1	5	0
3	2200	Andalusia Dr	3	0	11	0
4	3813	E Las Posas Rd	0	0	0	0
5	1541	Applewood Ln	0	0	0	0
6	3039	Brittany Park Rd	0	0	0	0
7	1921	Blanchard Rd	0	0	0	0
8	1854	Yucca Drive	0	0	0	0
Totals	**18243**		**4**	**1**	**16**	**0**

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **9**

Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	4	4	13	5
3	2200	Andalusia Dr	7	0	18	0
4	3813	E Las Posas Rd	0	0	9	0
5	1541	Applewood Ln	0	0	0	0
6	3039	Brittany Park Rd	0	0	0	0
7	1921	Blanchard Rd	0	0	0	0
8	1854	Yucca Drive	0	0	0	0
Totals	**18243**		**11**	**4**	**40**	**5**

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **10**

Detailed Statistics By Run

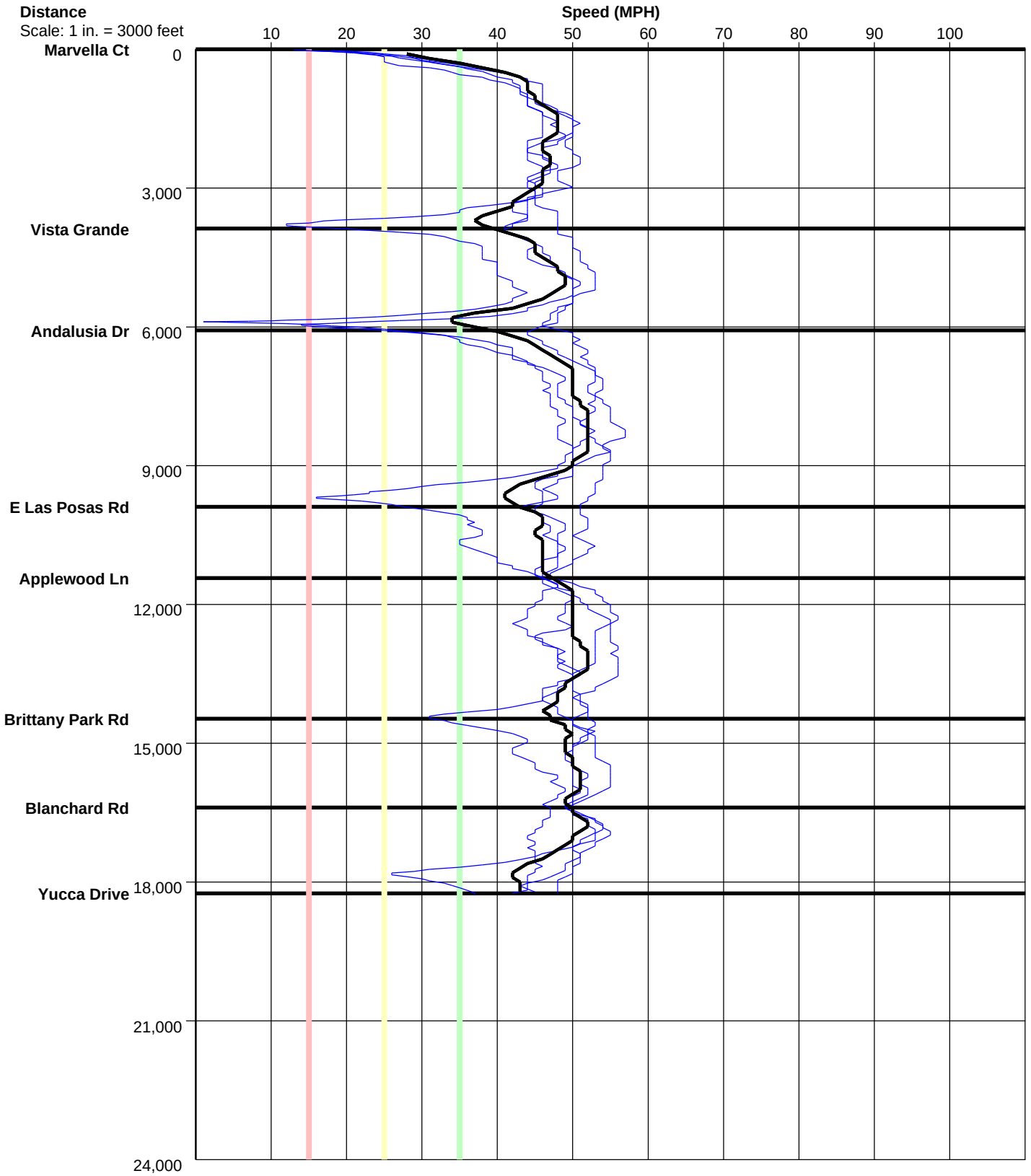
Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001)	Run #2 (Santa Rosa Road-PM-WB-002)	Run #3 (Santa Rosa Road-PM-WB-003)	Run #4 (Santa Rosa Road-PM-WB-004)
1	0	Marvella Ct				
2	3875	Vista Grande	9	9	24	13
3	2200	Andalusia Dr	10	0	26	0
4	3813	E Las Posas Rd	3	0	21	0
5	1541	Applewood Ln	0	0	4	0
6	3039	Brittany Park Rd	4	0	0	0
7	1921	Blanchard Rd	1	0	0	0
8	1854	Yucca Drive	0	0	0	10
Totals	**18243**		**27**	**9**	**75**	**23**

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **11**

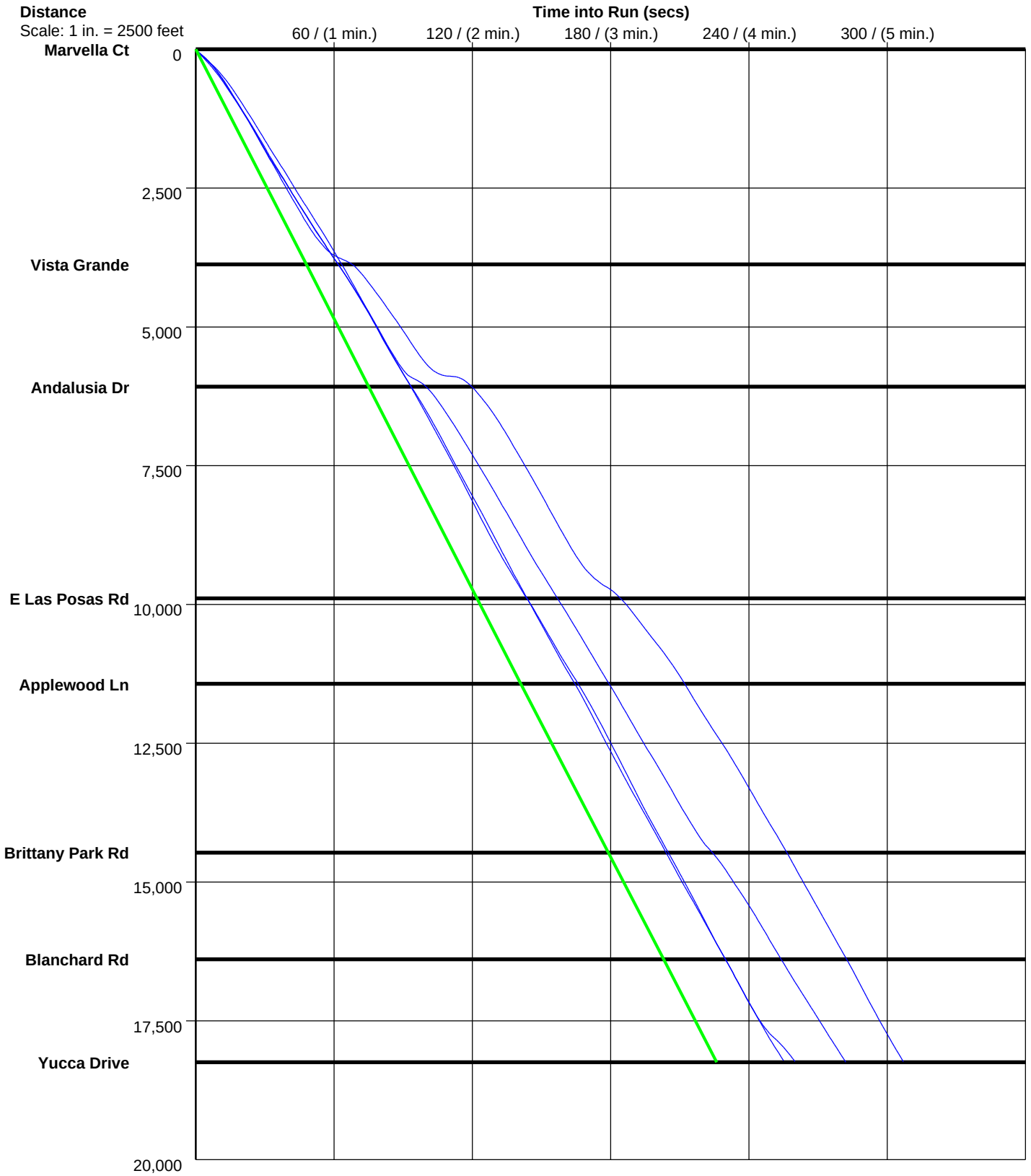
Speed/Distance Profiles of All Runs



NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **12**

Time/Space Trajectories of All Runs



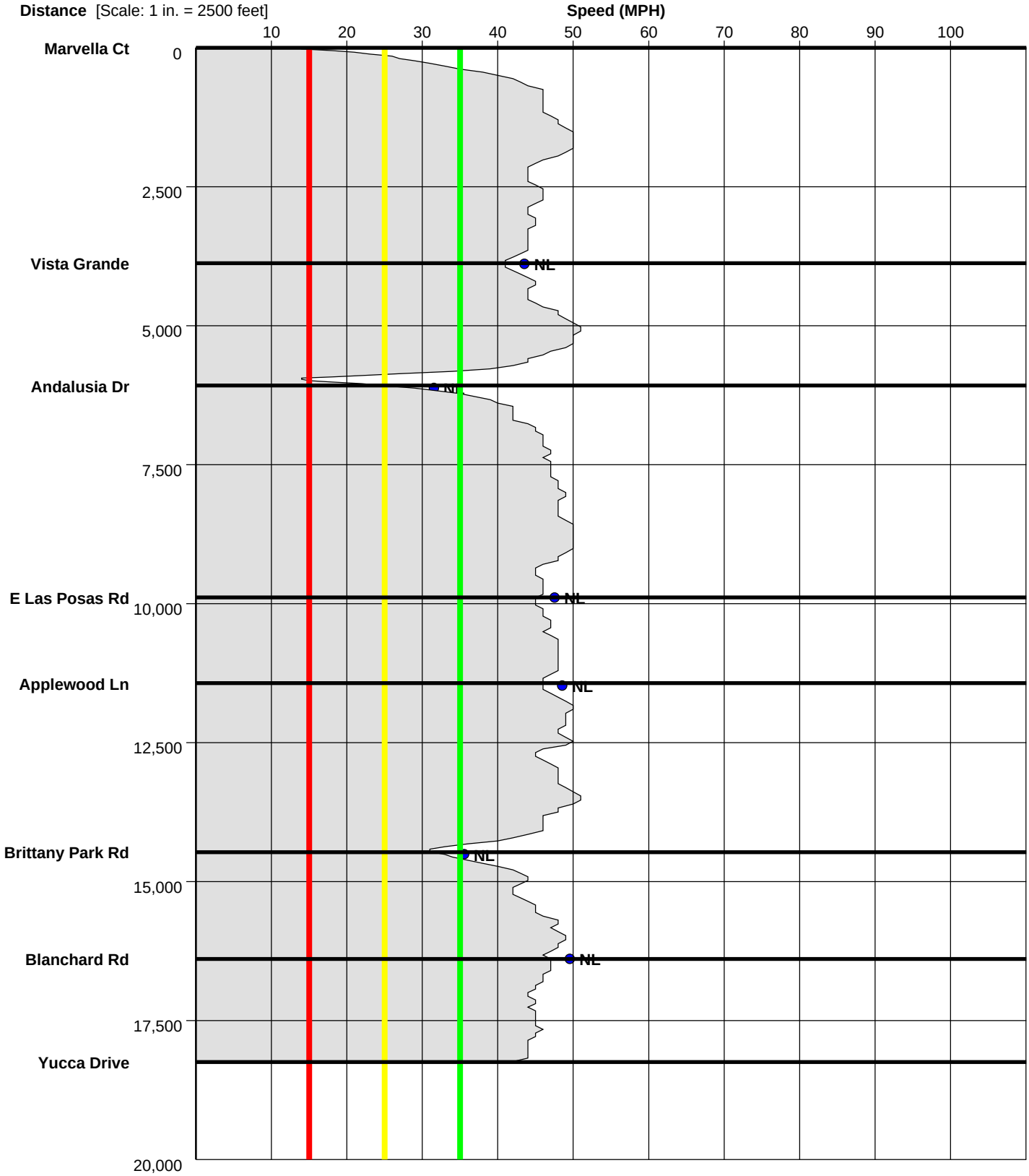
Solid Line is Normal Speed of 55 MPH

NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **13**

Speed Profile

Run : Santa Rosa Road-PM-WB-001 Start Time: 16:11 (This is a Before Run)

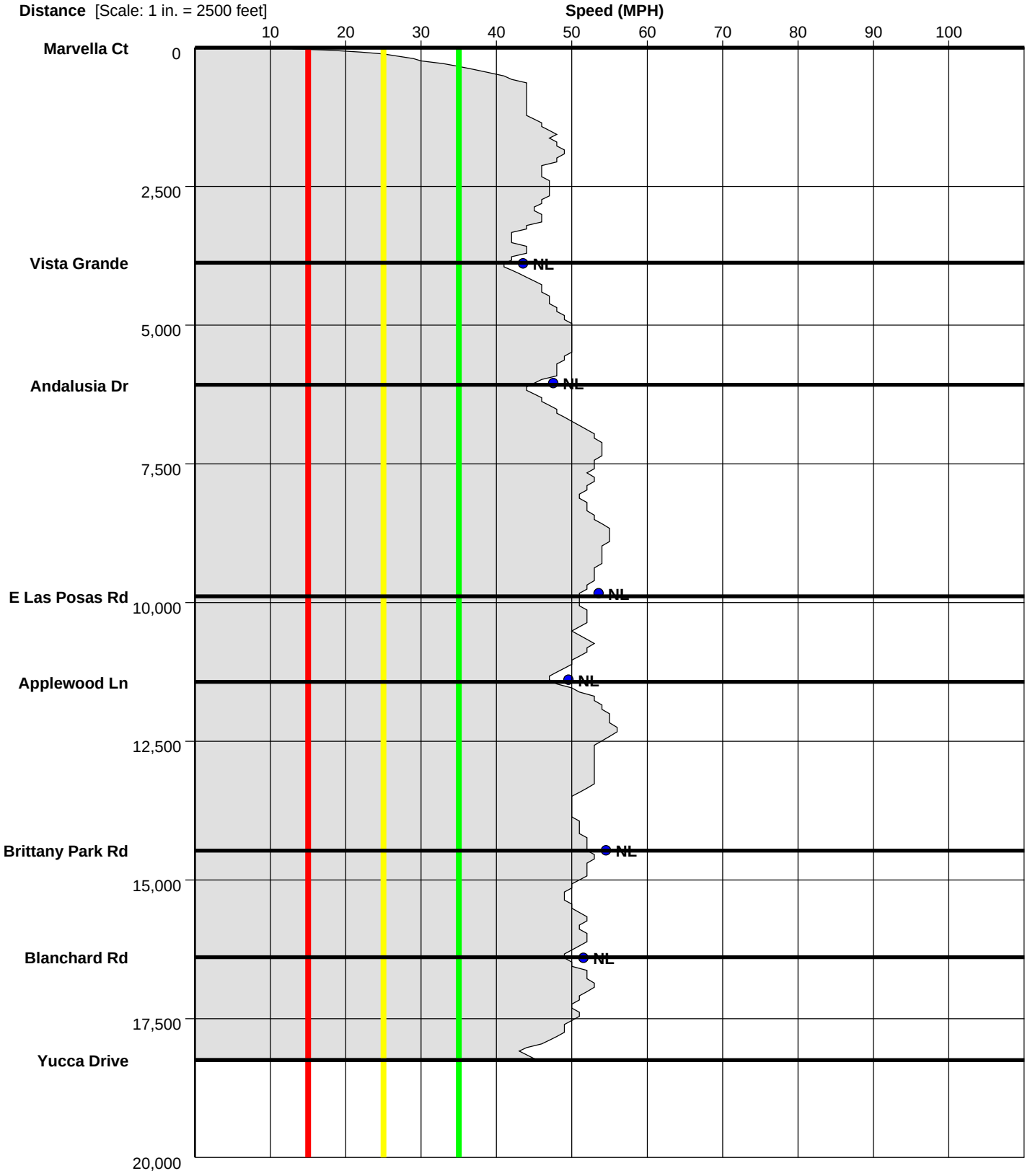


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **14**

Speed Profile

Run : Santa Rosa Road-PM-WB-002 Start Time: 16:26 (This is a Before Run)

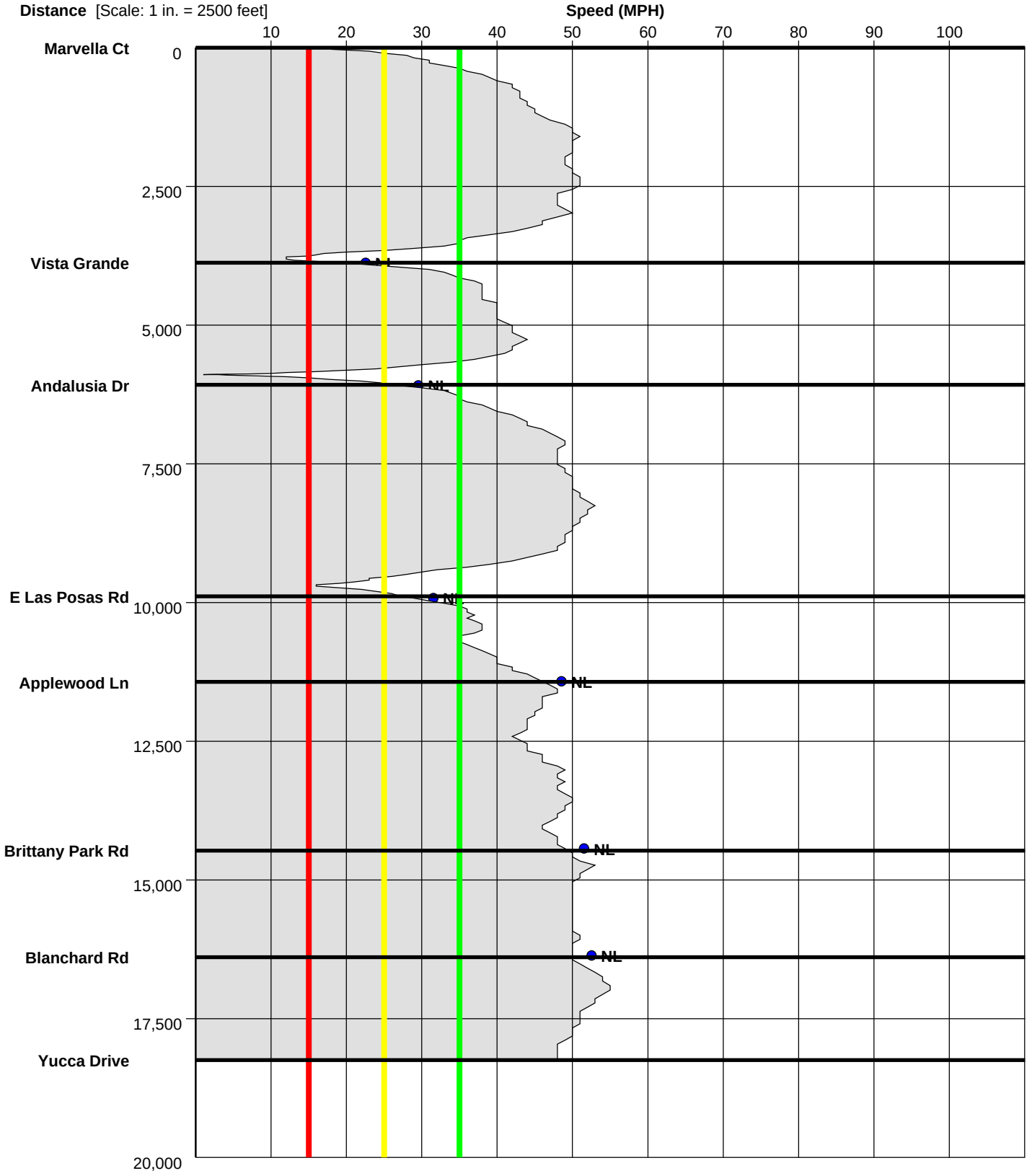


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **15**

Speed Profile

Run : Santa Rosa Road-PM-WB-003 Start Time: 16:39 (This is a Before Run)

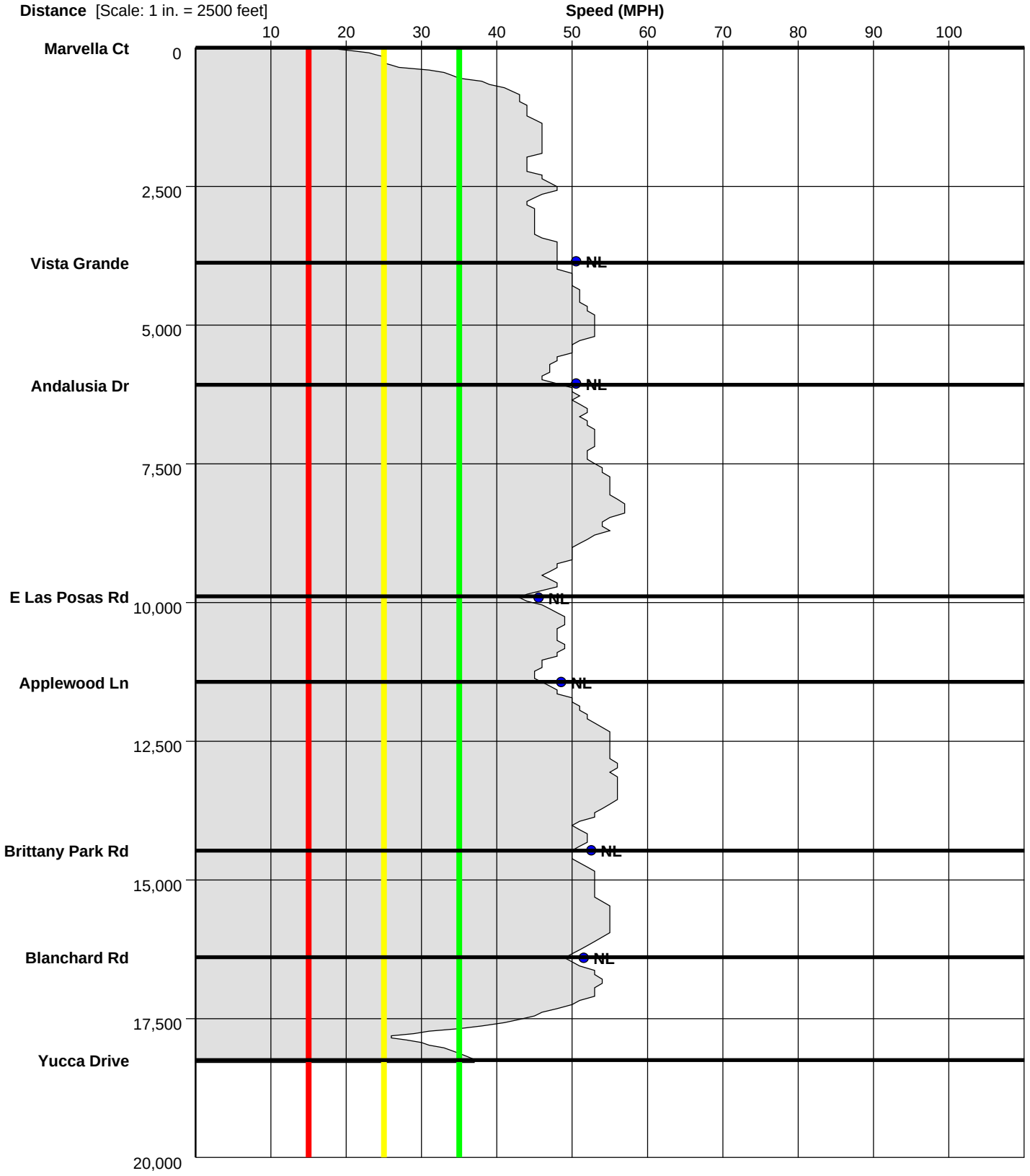


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **16**

Speed Profile

Run : Santa Rosa Road-PM-WB-004 Start Time: 17:56 (This is a Before Run)

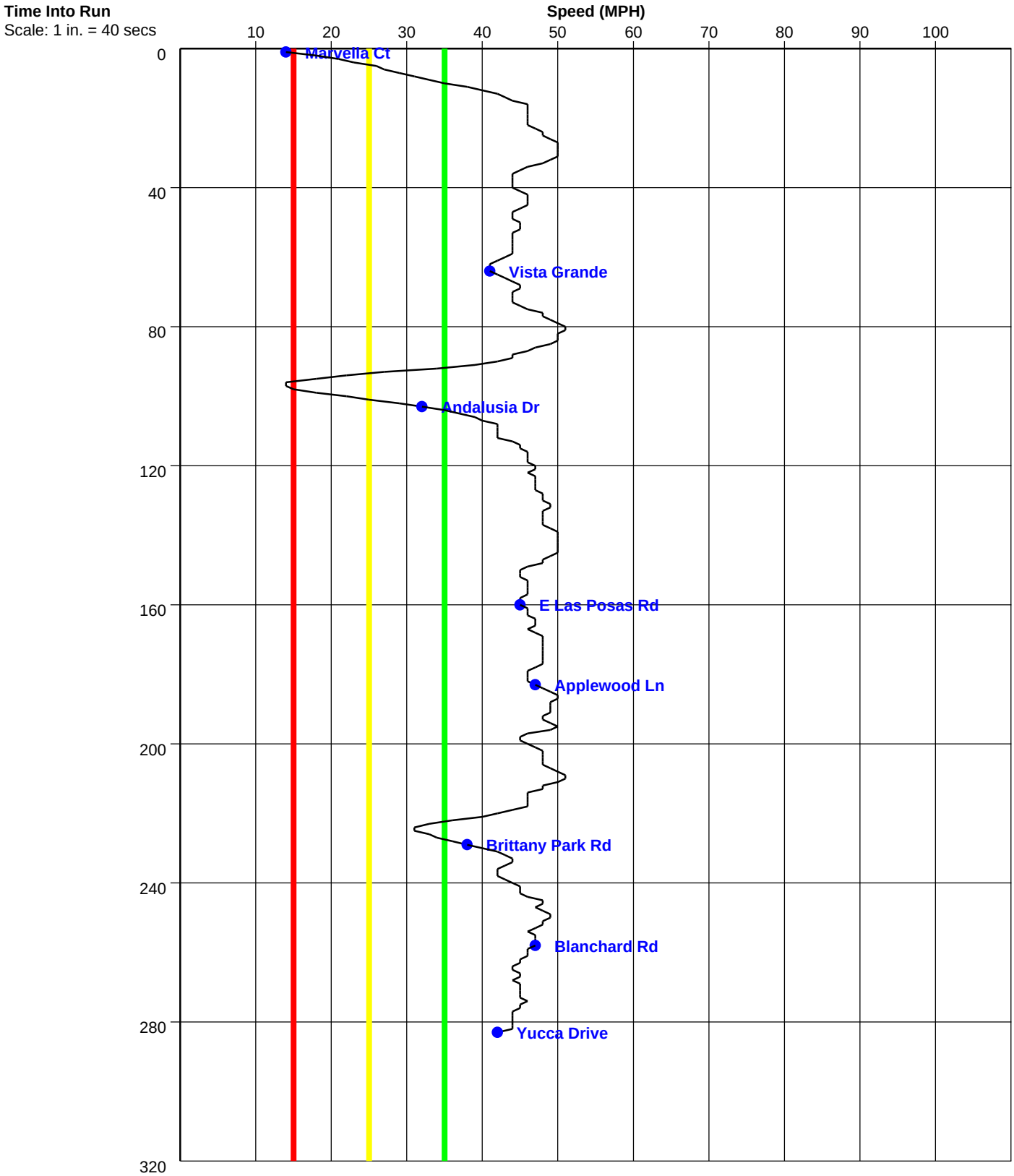


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **17**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-001 Start Time:16:11 (This is a Before Run)

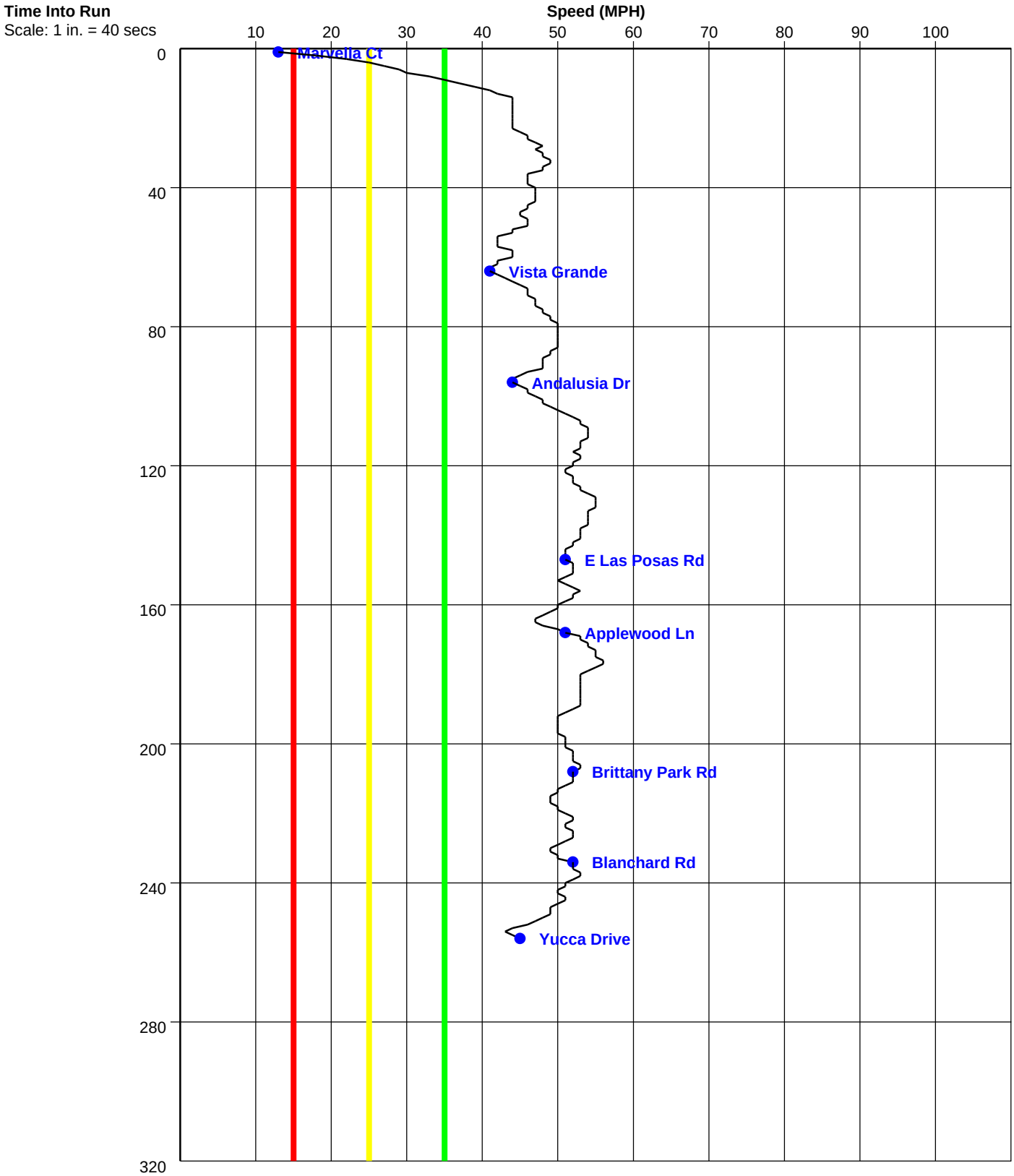


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **18**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-002 Start Time:16:26 (This is a Before Run)

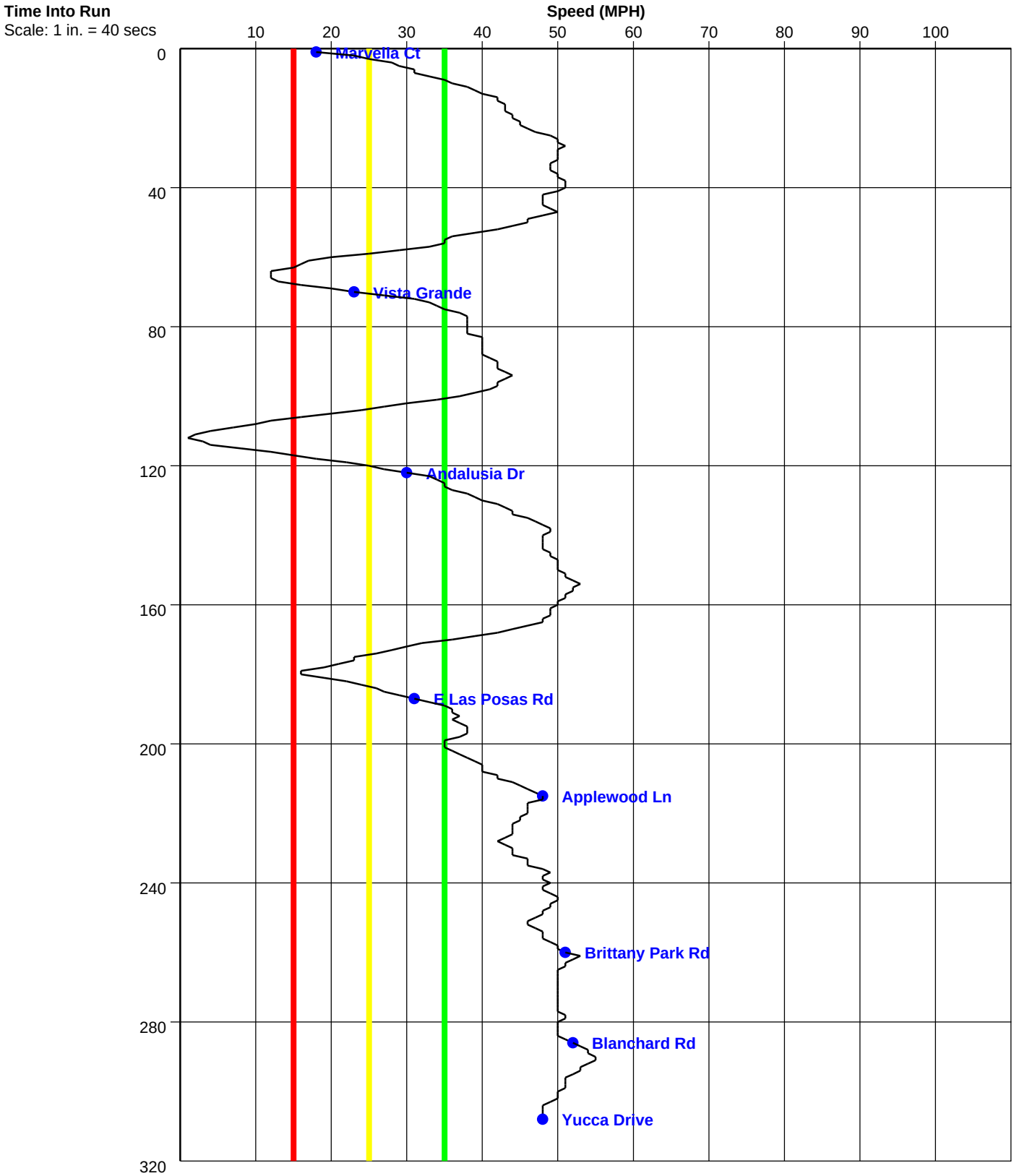


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **19**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-003 Start Time:16:39 (This is a Before Run)

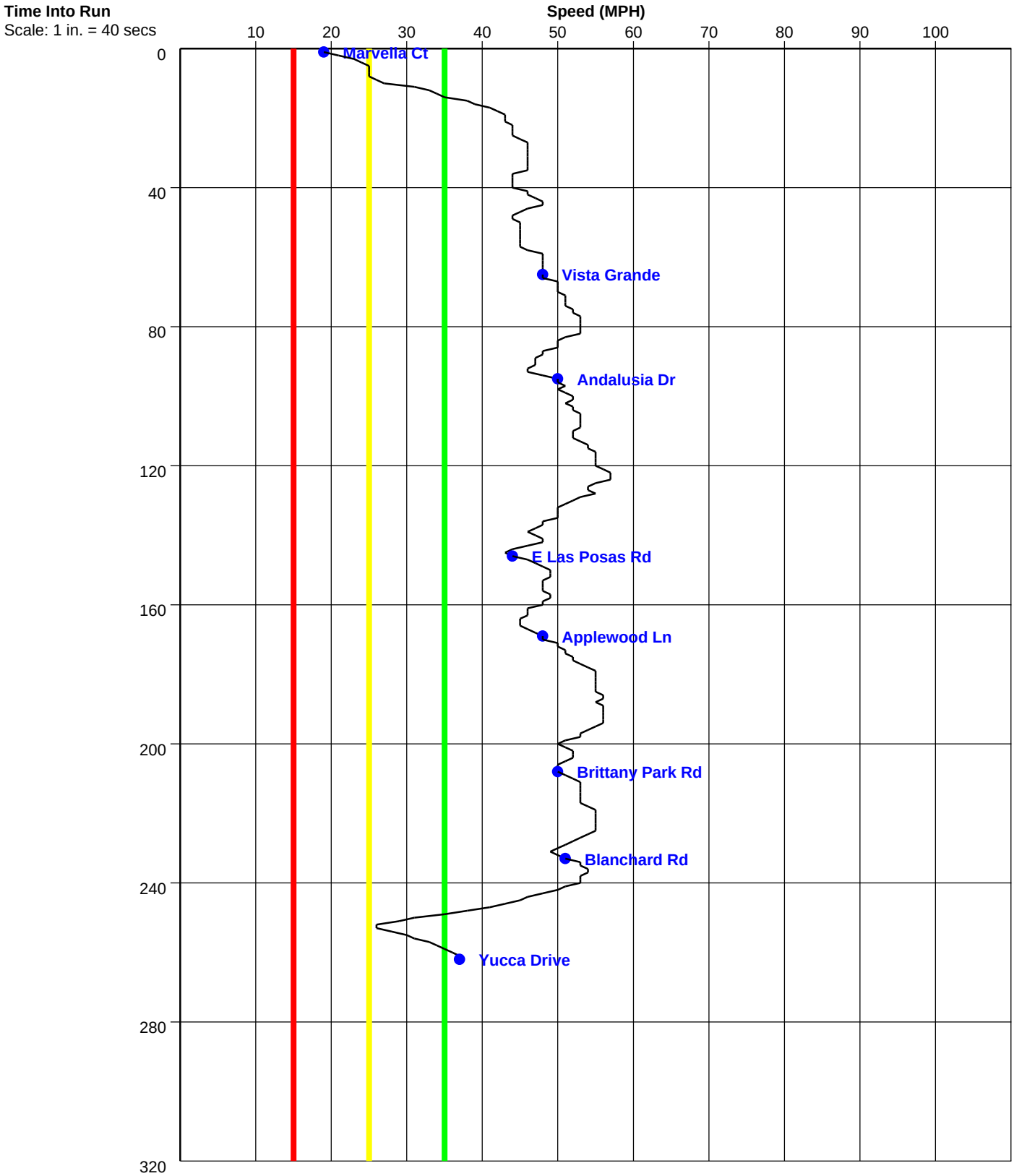


NDS
18-5646
PM-WB

Study Name : **18-5646-PM-WB**
Study Date : **09/27/2018**
Page No. : **20**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-004 Start Time:17:56 (This is a Before Run)



APPENDIX D – MARKED-UP TIMING SHEETS

INTERSECTION: 027 Santa Rosa & Yucca Dr

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **28**

N/S Street Name: **Yucca Drive**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 15:06**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing*

10/11/2018 Coordination Timing
FDW, yellow and red clearance

Drop Number	1	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	1	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	7	0	7	0	0
1	Ped FDW	0	0	0	21	0	18	0	0
2	Min Green	0	10	0	9	6	10	0	0
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	Veh Extension	0.0	2.0	0.0	2.0	2.0	2.0	0.0	0.0
6	Max Gap	0.0	4.0	0.0	2.0	2.0	4.0	0.0	0.0
7	Min Gap	0.0	0.0	0.0	2.0	2.0	0.0	0.0	0.0
8	Max Limit	0	30	0	15	15	30	0	0
9	Max Limit 2	0	65	0	0	0	65	0	0
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
D	Reduce Every	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
E	Yellow Change	0.0	5.5	0.0	3.6	3.6	5.5	0.0	0.0
F	Red Clear	0.0	1.5	0.0	1.0	1.0	1.5	0.0	0.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	_2_456__	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2___6__	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	0	100	90	0	0	0
1	Phase 1 - ForceOff	0	0	0	0	0	0	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0
4	Phase 4 - ForceOff	36	36	0	0	20	20	0	0	0
5	Phase 5 - ForceOff	54	56	0	0	45	45	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	72	84	0	0	90	10	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	0	0	3	3	0	0	0
E	Hold Release	255	255	255	255	255	255	255	255	255
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E
0		
1	Plan 1 - Sync	_2___6__
2	Plan 2 - Sync	_2___6__
3	Plan 3 - Sync	_2___6__
4	Plan 4 - Sync	_2___6__
5	Plan 5 - Sync	_2___6__
6	Plan 6 - Sync	_2___6__
7	Plan 7 - Sync	_2___6__
8	Plan 8 - Sync	_2___6__
9	Plan 9 - Sync	_2___6__
A	Coord Ped *	_____
B	NEMA Hold	_____
C		
D		
E		
F		

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_3_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_____
Ped 6P	____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____7_

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		F
0	Free Lag	_2_4_6__
1	Plan 1 - Lag	_2_4_6__
2	Plan 2 - Lag	_2_4_6__
3	Plan 3 - Lag	_2_4_6__
4	Plan 4 - Lag	_2_4_6__
5	Plan 5 - Lag	_2_4_6__
6	Plan 6 - Lag	_2_4_6__
7	Plan 7 - Lag	_2_4_6__
8	Plan 8 - Lag	_2_4_6__
9	Plan 9 - Lag	_2_4_6__
A	Coord Max *	_____
B	Coord Lag *	_____
C		
D		
E		
F		

Lag Phases <C Page>

INTERSECTION: 027 Santa Rosa & Yucca Dr

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
06:00	B	_23456_	_2___6__
09:00	B	_23456_	_____
15:00	B	_23456_	_2___6__
18:30	B	_23456_	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	2.0		I-2U	1
2	0.0	3.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	10.0	0.0		I-6U	3
8	10.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	3.0	0.0		J-1	13
1	0.0	2.0		J-2U	2
2	0.0	3.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	2	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 027 Santa Rosa & Yucca Dr

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row	Delay Only --->	7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0		0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	**<--- Limited Service Interval** (Set Dwell = 255)
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 036 Santa Rosa & Blanchard Rd

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **36**

N/S Street Name: **Blanchard Road**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 15:14**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing* Updated 10/11/2018 , Coordination Timing, FDW, Yellow and Red Clearance

Drop Number	2	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	2	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	7	0	7	0	0
1	Ped FDW	0	0	0	17	0	14	0	0
2	Min Green	7	10	0	9	7	10	0	9
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	3.0	5.0	0.0	3.0	3.0	5.0	0.0	3.0
6	Max Gap	3.0	6.0	0.0	3.0	3.0	6.0	0.0	3.0
7	Min Gap	3.0	3.0	0.0	3.0	3.0	3.0	0.0	3.0
8	Max Limit	15	30	0	15	15	30	0	15
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.6	5.5	0.0	3.6	3.6	5.5	0.0	3.6
F	Red Clear	1.0	1.5	0.0	1.0	1.0	1.5	0.0	1.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	12_456_8	0
Red Lock	____5___	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2_4_6_8	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	0	100	90	0	0	0
1	Phase 1 - ForceOff	49	49	0	0	45	45	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0
4	Phase 4 - ForceOff	34	34	0	0	30	25	0	0	0
5	Phase 5 - ForceOff	51	52	0	0	50	50	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	34	34	0	0	30	25	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	55	60	0	0	85	5	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	0	0	3	3	0	0	0
E	Hold Release	255	255	0	0	255	255	0	0	0
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E
0		
1	Plan 1 - Sync	_2___6__
2	Plan 2 - Sync	_2___6__
3	Plan 3 - Sync	_2___6__
4	Plan 4 - Sync	_2___6__
5	Plan 5 - Sync	_2___6__
6	Plan 6 - Sync	_2___6__
7	Plan 7 - Sync	_2___6__
8	Plan 8 - Sync	_2___6__
9	Plan 9 - Sync	_2___6__
A	Coord Ped *	_____
B	NEMA Hold	_____
C		
D		
E		
F		

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_____
Ped 6P	____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		F
0	Free Lag	_2_4_6_8
1	Plan 1 - Lag	_2_4_6_8
2	Plan 2 - Lag	_2_4_6_8
3	Plan 3 - Lag	_2_4_6_8
4	Plan 4 - Lag	_2_4_6_8
5	Plan 5 - Lag	_2_4_6_8
6	Plan 6 - Lag	_2_4_6_8
7	Plan 7 - Lag	_2_4_6_8
8	Plan 8 - Lag	_2_4_6_8
9	Plan 9 - Lag	_2_4_6_8
A	Coord Max *	_____
B	Coord Lag *	_____
C		
D		
E		
F		

Lag Phases <C Page>

INTERSECTION: 036 Santa Rosa & Blanchard Rd

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Row	Time	Plan	Offset	Day of Week
0	00:00	0	0	_____
1	00:00	0	0	_____
2	00:00	0	0	_____
3	00:00	0	0	_____
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	0.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 036 Santa Rosa & Blanchard Rd

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row	Delay Only --->	7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0		0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	<--- Limited Service Interval (Set Dwell = 255)
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 037 Santa Rosa & Brittany Park

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **37**

N/S Street Name: **Brittany Park Road**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 15:18**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing* Updated coordination, FDW, Yellow and red clearance timing

Drop Number	3	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	3	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	0	0	0
1	Ped FDW	0	20	0	19	0	0	0	0
2	Min Green	7	10	3	8	7	10	3	8
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	3.0	5.0	0.5	3.0	3.0	5.0	0.5	3.0
6	Max Gap	3.0	6.0	0.5	3.0	3.0	6.0	0.5	3.0
7	Min Gap	3.0	3.0	0.5	3.0	3.0	3.0	0.5	3.0
8	Max Limit	15	30	0	15	15	30	0	15
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.6	5.5	3.0	3.6	3.6	5.5	3.0	3.6
F	Red Clear	1.0	1.5	0.0	1.0	1.0	1.5	0.0	1.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	12_456_8	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2_4_6_8	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	0	100	90	0	0	0
1	Phase 1 - ForceOff	55	54	0	0	50	45	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0
4	Phase 4 - ForceOff	37	37	0	0	30	25	0	0	0
5	Phase 5 - ForceOff	53	54	0	0	50	45	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	37	37	0	0	30	25	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	8	44	0	0	40	50	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	0	0	3	3	0	0	0
E	Hold Release	255	255	0	0	255	255	0	0	0
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E
0		
1	Plan 1 - Sync	_2___6__
2	Plan 2 - Sync	_2___6__
3	Plan 3 - Sync	_2___6__
4	Plan 4 - Sync	_2___6__
5	Plan 5 - Sync	_2___6__
6	Plan 6 - Sync	_2___6__
7	Plan 7 - Sync	_2___6__
8	Plan 8 - Sync	_2___6__
9	Plan 9 - Sync	_2___6__
A	Coord Ped *	_____
B	NEMA Hold	_____
C		
D		
E		
F		

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_2_____
Ped 6P	_____
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		F
0	Free Lag	_2_4_6_8
1	Plan 1 - Lag	_2_4_6_8
2	Plan 2 - Lag	_2_4_6_8
3	Plan 3 - Lag	_2_4_6_8
4	Plan 4 - Lag	_2_4_6_8
5	Plan 5 - Lag	_2_4_6_8
6	Plan 6 - Lag	_2_4_6_8
7	Plan 7 - Lag	_2_4_6_8
8	Plan 8 - Lag	_2_4_6_8
9	Plan 9 - Lag	_2_4_6_8
A	Coord Max *	_____
B	Coord Lag *	_____
C		
D		
E		
F		

Lag Phases <C Page>

INTERSECTION: 037 Santa Rosa & Brittany Park

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Plan Select
1 thru 9 = Coordination Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	0.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	8.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 037 Santa Rosa & Brittany Park

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row		7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0	Delay Only --->	0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	<--- Limited
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	Service
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	Interval
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	(Set Dwell = 255)
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 035 Santa Rosa & Applewood Ln

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **35**

N/S Street Name: **Applewood Lane**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 15:34**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing*

Updated 10/11/2018 coordination timing
FDW, yellow, and Red Clearances

Drop Number	4	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	4	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	0
1	Ped FDW	0	18	0	22	0	19	0	0
2	Min Green	8	10	3	8	8	10	3	8
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	3.0	5.0	0.5	3.0	3.0	5.0	0.5	3.0
6	Max Gap	3.0	6.0	0.5	3.0	3.0	6.0	0.5	3.0
7	Min Gap	3.0	3.0	0.5	3.0	3.0	3.0	0.5	3.0
8	Max Limit	15	30	0	15	15	30	0	15
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.6	5.5	3.0	3.6	3.6	5.5	3.0	3.6
F	Red Clear	1.0	1.5	0.0	1.0	1.0	1.5	0.0	1.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	12_456_8	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2_4_6_8	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	0	100	90	0	0	0
1	Phase 1 - ForceOff	58	57	0	0	55	50	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0
4	Phase 4 - ForceOff	39	39	0	0	30	25	0	0	0
5	Phase 5 - ForceOff	58	57	0	0	55	50	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	39	39	0	0	30	25	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	80	104	0	0	85	5	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	0	0	3	3	0	0	0
E	Hold Release	255	255	0	0	255	255	0	0	0
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E	Row
0			0
1	Plan 1 - Sync	_2___6__	1
2	Plan 2 - Sync	_2___6__	2
3	Plan 3 - Sync	_2___6__	3
4	Plan 4 - Sync	_2___6__	4
5	Plan 5 - Sync	_2___6__	5
6	Plan 6 - Sync	_2___6__	6
7	Plan 7 - Sync	_2___6__	7
8	Plan 8 - Sync	_2___6__	8
9	Plan 9 - Sync	_2___6__	9
A	Coord Ped *	_____	A
B	NEMA Hold	_____	B
C			C
D			D
E			E
F			F

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_2_____
Ped 6P	_____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

	F	Row
Free Lag	_2_4_6_8	0
Plan 1 - Lag	_2_4_6_8	1
Plan 2 - Lag	_2_4_6_8	2
Plan 3 - Lag	_2_4_6_8	3
Plan 4 - Lag	_2_4_6_8	4
Plan 5 - Lag	_2_4_6_8	5
Plan 6 - Lag	_2_4_6_8	6
Plan 7 - Lag	_2_4_6_8	7
Plan 8 - Lag	_2_4_6_8	8
Plan 9 - Lag	_2_4_6_8	9
Coord Max *	_____	A
Coord Lag *	_____	B
		C
		D
		E
		F

Lag Phases <C Page>

INTERSECTION: 035 Santa Rosa & Applewood Ln

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	8.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	8.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	8.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	8.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 035 Santa Rosa & Applewood Ln

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row		7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0	Delay Only --->	0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	<--- Limited
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	Service
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	Interval
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	(Set Dwell = 255)
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 020 Santa Rosa & E. Las Posas Rd

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **21**

N/S Street Name: **E Las Posas Road**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/15/2018 8:34**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing*

10/11/2018, Coordination Timing
FDW, yellow and red clearance

Drop Number	5	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	5	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	7	0	7	0	0
1	Ped FDW	0	0	0	19	0	16	0	0
2	Min Green	0	10	0	8	10	10	0	0
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	0.0	5.0	0.0	3.0	3.0	5.0	0.0	0.0
6	Max Gap	0.0	6.0	0.0	3.0	3.0	6.0	0.0	0.0
7	Min Gap	0.0	3.0	0.0	3.0	3.0	3.0	0.0	0.0
8	Max Limit	0	30	0	15	15	30	0	0
9	Max Limit 2	0	65	0	0	0	65	0	0
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
D	Reduce Every	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
E	Yellow Change	0.0	5.5	0.0	4.8	3.6	5.5	0.0	0.0
F	Red Clear	0.0	1.5	0.0	1.0	1.0	1.5	0.0	0.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	_2_456__	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2___6__	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

INTERSECTION: 020 Santa Rosa & E. Las Posas Rd

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9	Row
	Plan Name ---->										
0	Cycle Length	120	120	0	0	100	90	0	0	0	0
1	Phase 1 - ForceOff	0	0	0	0	0	0	0	0	0	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0	3
4	Phase 4 - ForceOff	36	36	0	0	30	25	0	0	0	4
5	Phase 5 - ForceOff	54	56	0	0	55	50	0	0	0	5
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0	6
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0	7
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	73	86	0	0	80	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Permissive	3	3	0	0	3	3	0	0	0	D
E	Hold Release	255	255	0	0	255	255	0	0	0	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination <C Page>

	E	Row
		0
Plan 1 - Sync	_2___6__	1
Plan 2 - Sync	_2___6__	2
Plan 3 - Sync	_2___6__	3
Plan 4 - Sync	_2___6__	4
Plan 5 - Sync	_2___6__	5
Plan 6 - Sync	_2___6__	6
Plan 7 - Sync	_2___6__	7
Plan 8 - Sync	_2___6__	8
Plan 9 - Sync	_2___6__	9
Coord Ped *	_____	A
NEMA Hold	_____	B
		C
		D
		E
		F

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	____5___
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_____
Ped 6P	____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

	F	Row
Free Lag	_2_4_6__	0
Plan 1 - Lag	_2_4_6__	1
Plan 2 - Lag	_2_4_6__	2
Plan 3 - Lag	_2_4_6__	3
Plan 4 - Lag	_2_4_6__	4
Plan 5 - Lag	_2_4_6__	5
Plan 6 - Lag	_2_4_6__	6
Plan 7 - Lag	_2_4_6__	7
Plan 8 - Lag	_2_4_6__	8
Plan 9 - Lag	_2_4_6__	9
Coord Max *	_____	A
Coord Lag *	_____	B
		C
		D
		E
		F

Lag Phases <C Page>

INTERSECTION: 020 Santa Rosa & E. Las Posas Rd

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
06:00	B	_23456_	_2___6__
09:00	B	_23456_	_____
15:00	B	_23456_	_2___6__
18:30	B	_23456_	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	8.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	0
2	System Det. # 2	0
3	System Det. # 3	0
4	System Det. # 4	0
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 020 Santa Rosa & E. Las Posas Rd

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row		7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0	Delay Only --->	0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	**<--- Limited Service Interval** (Set Dwell = 255)
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 034 Santa Rosa & Vista Arroyo

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **34**

N/S Street Name: **Vista Arroyo/Andalusia**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 15:48**

Change Record					
Change	By	Date	Change	By	Date

Notes: *6/6/16: New coordination timing* 10/11/2018, Coordination Timing
FDW, yellow and red clearance

Drop Number	6	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	6	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	7	0	7	0	0
1	Ped FDW	0	0	0	17	0	23	0	0
2	Min Green	9	10	0	8	9	10	0	8
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	3.0	5.0	0.0	3.0	3.0	5.0	0.0	3.0
6	Max Gap	3.0	6.0	0.0	3.0	3.0	6.0	0.0	3.0
7	Min Gap	3.0	3.0	0.0	3.0	3.0	3.0	0.0	3.0
8	Max Limit	15	30	0	15	15	30	0	15
9	Max Limit 2	30	70	0	70	30	70	0	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.0	0.1	0.1	0.1	0.0	0.1
D	Reduce Every	1.0	1.0	0.0	1.0	1.0	1.0	0.0	1.0
E	Yellow Change	3.6	5.5	0.0	3.6	3.6	5.5	0.0	3.6
F	Red Clear	1.0	1.5	0.0	1.0	1.0	1.5	0.0	1.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	12_456_8	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2_4_6_8	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	0	100	90	0	0	0
1	Phase 1 - ForceOff	48	50	0	0	55	40	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0
4	Phase 4 - ForceOff	33	33	0	0	30	25	0	0	0
5	Phase 5 - ForceOff	48	50	0	0	55	50	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	33	33	0	0	40	50	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	14	25	0	0	60	80	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	3	0	3	3	0	0	0
E	Hold Release	255	255	255	255	255	255	255	255	255
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E
0		
1	Plan 1 - Sync	_2___6__
2	Plan 2 - Sync	_2___6__
3	Plan 3 - Sync	_2___6__
4	Plan 4 - Sync	_2___6__
5	Plan 5 - Sync	_2___6__
6	Plan 6 - Sync	_2___6__
7	Plan 7 - Sync	_2___6__
8	Plan 8 - Sync	_2___6__
9	Plan 9 - Sync	_2___6__
A	Coord Ped *	_____
B	NEMA Hold	_____
C		
D		
E		
F		

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_____
Ped 6P	____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	_____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		F
0	Free Lag	_2_4_6_8
1	Plan 1 - Lag	_2_4_6_8
2	Plan 2 - Lag	_2_4_6_8
3	Plan 3 - Lag	_2_4_6_8
4	Plan 4 - Lag	_2_4_6_8
5	Plan 5 - Lag	_2_4_6_8
6	Plan 6 - Lag	_2_4_6_8
7	Plan 7 - Lag	_2_4_6_8
8	Plan 8 - Lag	_2_4_6_8
9	Plan 9 - Lag	_2_4_6_8
A	Coord Max *	_____
B	Coord Lag *	_____
C		
D		
E		
F		

Lag Phases <C Page>

INTERSECTION: 034 Santa Rosa & Vista Arroyo

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	09:30	E	A	_23456_
2	14:30	2	A	_23456_
3	18:30	E	A	_23456_
4	00:00	0	0	_____
5	00:00	0	0	_____
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
00:01	E	1234567	_____78
23:59	E	1234567	_____78
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	8.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	8.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	10
2	System Det. # 2	9
3	System Det. # 3	3
4	System Det. # 4	4
5	System Det. # 5	14
6	System Det. # 6	13
7	System Det. # 7	8
8	System Det. # 8	7

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 034 Santa Rosa & Vista Arroyo

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ---->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ---->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row		7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0	Delay Only --->	0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	<--- Limited
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	Service
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	Interval
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	(Set Dwell = 255)
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 019 Santa Rosa & Vista Grande

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **15**

N/S Street Name: **Santa Rosa Road**
E/W Street Name: **Vista Grande/School**

Last Database Change: **10/10/2018 16:01**

Change Record					
Change	By	Date	Change	By	Date

Notes:
6/2/15: Changed Ph 2 & 6 Min Green from 4 to 10 sec
8/26/15: Changed to run free at 7:45 AM.
10/22/15: Changed to run Plan 1A till 8:15
6/6/16: Updated coordination timings and implemented Max 2 during school start
6/6/16: Increased max gap for Ph 3
6/13/16: Local Override
10/11/2018 Added Coordination Timing, Updated Yellow, Red clearance and FDW timing

Drop Number	7	<C+0+0>
Zone Number		<C+0+1>
Area Number	4	<C+0+2>
Area Address	7	<C+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C+A+1>
Manual Offset		<C+B+1>

Manual Selection

Max Initial	20	<F+0+E>
Red Revert	5.0	<F+0+F>
All Red Start	6.0	<F+C+0>

Start / Revert Times

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	7	0	7	0	0
1	Ped FDW	0	0	0	19	0	14	0	0
2	Min Green	0	10	10	9	0	10	0	0
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	2.0	0.0	0.0	0.0	2.0	0.0	0.0
5	Veh Extension	0.0	5.0	3.0	3.0	0.0	5.0	0.0	0.0
6	Max Gap	0.0	6.0	5.0	3.0	0.0	6.0	0.0	0.0
7	Min Gap	0.0	3.0	3.0	3.0	0.0	3.0	0.0	0.0
8	Max Limit	0	30	20	20	0	30	0	0
9	Max Limit 2	0	50	60	20	0	50	0	0
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.0	0.1	0.0	0.0	0.0	0.1	0.0	0.0
D	Reduce Every	0.0	1.0	0.0	0.0	0.0	1.0	0.0	0.0
E	Yellow Change	0.0	5.5	3.6	3.6	0.0	5.5	0.0	0.0
F	Red Clear	0.0	1.5	1.0	1.0	0.0	1.5	0.0	0.0

Phase Timing - Bank 1 <F Page>

	E
RR-1 Delay	0
RR-1 Clear	10
EV-A Delay	0
EV-A Clear	1
EV-B Delay	0
EV-B Clear	1
EV-C Delay	0
EV-C Clear	1
EV-D Delay	0
EV-D Clear	1
RR-2 Delay	0
RR-2 Clear	10
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

	F	Row
Permit	_234_6__	0
Red Lock	_____	1
Yellow Lock	_____	2
Min Recall	_____	3
Ped Recall	_____	4
View Set Peds	- - - - -	5
Rest In Walk	_____	6
Red Rest	_____	7
Dual Entry	_2___6__	8
Max Recall	_____	9
Soft Recall	_2___6__	A
Max 2	_____	B
Cond. Service	_____	C
Man Cntrl Calls	_____	D
Yellow Start	_____	E
First Phases	_2___6__	F

Phase Functions <F Page>

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

(* = Coordination Recall)

Row	Column Numbers ---->	Plan 1	2	3	4	5	6	7	8	9
	Plan Name ----->									
0	Cycle Length	120	120	0	130	100	90	0	0	0
1	Phase 1 - ForceOff	0	0	0	0	0	0	0	0	0
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0
3	Phase 3 - ForceOff	69	62	0	55	55	50	0	0	0
4	Phase 4 - ForceOff	34	34	0	20	20	20	0	0	0
5	Phase 5 - ForceOff	0	0	0	0	0	0	0	0	0
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0
9	Ring Offset	0	0	0	0	0	0	0	0	0
A	Offset 1	59	98	0	30	85	10	0	0	0
B	Offset 2	0	0	0	0	0	0	0	0	0
C	Offset 3	0	0	0	0	0	0	0	0	0
D	Permissive	3	3	0	3	3	3	0	0	0
E	Hold Release	255	255	0	255	255	255	0	0	0
F	Zone Offset	0	0	0	0	0	0	0	0	0

Coordination <C Page>

Row		E	Row
0			0
1	Plan 1 - Sync	_2___6__	1
2	Plan 2 - Sync	_2___6__	2
3	Plan 3 - Sync	_2___6__	3
4	Plan 4 - Sync	_2___6__	4
5	Plan 5 - Sync	_2___6__	5
6	Plan 6 - Sync	_2___6__	6
7	Plan 7 - Sync	_2___6__	7
8	Plan 8 - Sync	_2___6__	8
9	Plan 9 - Sync	_2___6__	9
A	Coord Ped *	_____	A
B	NEMA Hold	_____	B
C			C
D			D
E			E
F			F

Sync Phases <C Page>

Row	Column Numbers ---->	E
0	Exclusive Phases	_____
1	RR-1 Clear Phases	_____
2	RR-2 Clear Phases	_____
3	RR-2 Limited Service	_____
4	Prot / Perm Phases	_____
5	Overlap A - Green Omit	_____
6	Overlap B - Green Omit	_____
7	Overlap C - Green Omit	_____
8	Overlap D - Green Omit	_____
9	Overlap Yellow Flash	_____
A	EV-A Phases	_____
B	EV-B Phases	_____
C	EV-C Phases	_____
D	EV-D Phases	_____
E	Extra 1 Config. Bits	1_____
F	IC Select (Interconnect)	_2_____

Configuration <E Page>

	F
RR Overlap A - Phases	_____
RR Overlap B - Phases	_____
RR Overlap C - Phases	_____
RR Overlap D - Phases	_____
Ped 2P	_____
Ped 6P	____6__
Ped 4P	___4____
Ped 8P	_____
Yellow Flash Phases	_____
Overlap A - Phases	_____
Overlap B - Phases	_____
Overlap C - Phases	_____
Overlap D - Phases	_____
Restricted Phases	__34____
Assign 5 Outputs	_____

Configuration <E Page>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = EV Advance
5 =
6 = Special Event
7 = Pretimed Operation
8 = Split Ring Operation

Assign 5 Outputs
(Ped Loadswitch Yellows)
1 = Right Turn Overlap
2 = TOD Outputs
3 = EV Beacon - Steady
4 = EV Beacon - Flashing
5 = Special Event Outputs
6 = Phase 3 & 7 Ped
7 = Advanced Warning Sign
8 =

Force-Off Adjust	5

Coord Force-Off Adjust for Ped Service <C+D+F>

Transition Type	0

TBC Transition <C+D+D>

Transition Type
0 = Shortway
Non-zero = Lengthen

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		F	Row
0	Free Lag	_23__6__	0
1	Plan 1 - Lag	_23__6__	1
2	Plan 2 - Lag	_23__6__	2
3	Plan 3 - Lag	_23__6__	3
4	Plan 4 - Lag	_23__6__	4
5	Plan 5 - Lag	_23__6__	5
6	Plan 6 - Lag	_23__6__	6
7	Plan 7 - Lag	_23__6__	7
8	Plan 8 - Lag	_23__6__	8
9	Plan 9 - Lag	_23__6__	9
A	Coord Max *	_____	A
B	Coord Lag *	_____	B
C			C
D			D
E			E
F			F

Lag Phases <C Page>

INTERSECTION: 019 Santa Rosa & Vista Grande

Row	Time	Plan	Offset	Day of Week
0	06:30	1	A	_23456_
1	07:45	4	A	_23456_
2	08:15	1	A	_23456_
3	09:30	E	A	_23456_
4	14:30	2	A	_23456_
5	18:30	E	A	_23456_
6	00:00	0	0	_____
7	00:00	0	0	_____
8	00:00	0	0	_____
9	00:00	0	0	_____
A	00:00	0	0	_____
B	00:00	0	0	_____
C	00:00	0	0	_____
D	00:00	0	0	_____
E	00:00	0	0	_____
F	00:00	0	0	_____

TOD Coordination
<9 Key with C+D+9=0>

Time	Funct.	Day of Week	Column F Phases/Bits
06:30	E	_23456_	1_____
08:15	E	_23456_	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____
00:00	0	_____	_____

TOD Function
<7 Key>

<D Page>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 1
TOD Coordination
<9 Key with C+D+9=1>

Time	Plan	Offset	Day of Week
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____
00:00	0	0	_____

Holiday # 2
TOD Coordination
<9 Key with C+D+9=2>

Time	Plan	Offset	Day of Week	Row
00:00	0	0	_____	0
00:00	0	0	_____	1
00:00	0	0	_____	2
00:00	0	0	_____	3
00:00	0	0	_____	4
00:00	0	0	_____	5
00:00	0	0	_____	6
00:00	0	0	_____	7
00:00	0	0	_____	8
00:00	0	0	_____	9
00:00	0	0	_____	A
00:00	0	0	_____	B
00:00	0	0	_____	C
00:00	0	0	_____	D
00:00	0	0	_____	E
00:00	0	0	_____	F

Holiday # 3
TOD Coordination
<9 Key with C+D+9=3>

Plan Select
1 thru 9 = Coordination
Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

T.O.D. Functions
0 = Permitted Phases
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 2 - Phase Bank 2
Bit 3 - Phase Bank 3
Bit 4 - Disable Detector
OFF Monitor
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 4

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row		Day	Year	Month	Day of Week
A	Holiday # 1 Date	0	0	0	_____
B	Holiday # 2 Date	0	0	0	_____
C	Holiday # 3 Date	0	0	0	_____

Holiday Dates
<8 Key>

Row	1 Delay	3 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		I-1	14
1	0.0	0.0		I-2U	1
2	0.0	0.0		I-2L	5
3	0.0	0.0		I-3U	21
4	0.0	0.0		I-3L	25
5	0.0	0.0		I-4	9
6	0.0	0.0		I-5	16
7	0.0	0.0		I-6U	3
8	8.0	0.0		I-6L	7
9	0.0	0.0		I-7U	23
A	0.0	0.0		I-7L	27
B	0.0	0.0		I-8	11
C	0.0	0.0		I-9U	18
D	0.0	0.0		I-9L	20
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Row	2 Delay	4 Carry-over	Detector Name	332 Input File	Detector Number
0	0.0	0.0		J-1	13
1	0.0	0.0		J-2U	2
2	0.0	0.0		J-2L	6
3	0.0	0.0		J-3U	22
4	0.0	0.0		J-3L	26
5	0.0	0.0		J-4	10
6	0.0	0.0		J-5	15
7	0.0	0.0		J-6U	4
8	0.0	0.0		J-6L	8
9	0.0	0.0		J-7U	24
A	0.0	0.0		J-7L	28
B	0.0	0.0		J-8	12
C	0.0	0.0		J-9U	17
D	0.0	0.0		J-9L	19
E	- - -	- - -	- - -	- - -	- - -
F	- - -	- - -	- - -	- - -	- - -

Detector Delay & Carryover <D Page>

Row		9 Green Clear	C Yellow Change	D Red Clear	0 Load-Switch #
A	Overlap A	0.0	0.0	0.0	0
B	Overlap B	0.0	0.0	0.0	0
C	Overlap C	0.0	0.0	0.0	0
D	Overlap D	0.0	0.0	0.0	0

Overlap Timing <F Page> <D Page>

Row	Detector Numbers	E
A	1 2 3 4 5 6 7 8	12345678
B	9 10 11 12 -- -- -- --	1234____
C	13 14 15 16 17 18 19 20	12345678
D	-- -- -- -- 21 22 23 24	____5678
E	-- -- -- -- -- -- -- --	1234____
F	-- 25 26 27 28 -- -- --	_2345___

Active Detectors <D Page>

Note: Initialized data is for all detectors to be active (ie, all flag bits set). A Detector which is "not flagged", will not be active as a Phase Detector, and WILL NOT call or extend its associated phase. It will still function as a System Detector.

Row		0 Detector Number
0		
1	System Det. # 1	10
2	System Det. # 2	9
3	System Det. # 3	11
4	System Det. # 4	16
5	System Det. # 5	0
6	System Det. # 6	0
7	System Det. # 7	0
8	System Det. # 8	0

System Detectors <D Page>

Max ON (minutes)	5	<D+A+E>
Max OFF (minutes)	60	<D+A+F>

Detector Failure Monitor

Phase Number	0	<F+C+1>
Time Before Yellow	0.0	<F+C+3>

Advance Warning Beacon - Sign 1

Phase Number	0	<F+D+1>
Time Before Yellow	0.0	<F+D+3>

Advance Warning Beacon - Sign 2

Long Failure	0.0	<F+0+6>
Short Failure	0.0	<F+0+7>

Power Cycle Correction (Default = 0.5)

Disable Parity	0	<D+B+0>

Dial-Up Telephone Communications
(If set to a non-zero value, parity will be disabled)

INTERSECTION: 019 Santa Rosa & Vista Grande

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	10	0	10	0	10	0	10
2	Min Green	3	7	3	7	3	7	3	7
3	Type 3 Limit	0	0	0	0	0	0	0	0
4	Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2
5	Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5
6	Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0
7	Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0
8	Max Limit	17	40	17	40	17	40	17	40
9	Max Limit 2	30	70	30	70	30	70	30	70
A	- - - - - -	0	0	0	0	0	0	0	0
B	Call To Phase	0	0	0	0	0	0	0	0
C	Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0
F	Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0

Phase Timing - Bank 2 <F Page>

Column Numbers ---->	Phase 1	2	3	4	5	6	7	8	Row
Phase Names ----->									
Ped Walk	0	7	0	7	0	7	0	7	0
Ped FDW	0	10	0	10	0	10	0	10	1
Min Green	3	7	3	7	3	7	3	7	2
Type 3 Limit	0	0	0	0	0	0	0	0	3
Added Initial	0.0	1.2	0.0	1.2	0.0	1.2	0.0	1.2	4
Veh Extension	0.5	3.5	0.5	3.5	0.5	3.5	0.5	3.5	5
Max Gap	0.5	5.0	0.5	5.0	0.5	5.0	0.5	5.0	6
Min Gap	0.5	2.0	0.5	2.0	0.5	2.0	0.5	2.0	7
Max Limit	17	40	17	40	17	40	17	40	8
Max Limit 2	30	70	30	70	30	70	30	70	9
- - - - - -	0	0	0	0	0	0	0	0	A
Call To Phase	0	0	0	0	0	0	0	0	B
Reduce By	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	C
Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	D
Yellow Change	3.0	4.0	3.0	4.0	3.0	4.0	3.0	4.0	E
Red Clear	0.0	0.5	0.0	1.0	0.0	0.5	0.0	1.0	F

Phase Timing - Bank 3 <F Page>

Row		7 Time	8 Dwell	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output	Row	
0	Delay Only --->	0	- - -	- - -	- - -	- - -	- - -	- - -	- - -	- - -	0	
1		0	0	_____	_____	_____	_____	_____	_____	_____	1	
2		0	0	_____	_____	_____	_____	_____	_____	_____	2	
3		0	0	_____	_____	_____	_____	_____	_____	_____	3	
4		0	0	_____	_____	_____	_____	_____	_____	_____	4	
5		0	0	_____	_____	_____	_____	_____	_____	_____	5	
6		0	0	_____	_____	_____	_____	_____	_____	_____	6	
7		0	0	_____	_____	_____	_____	_____	_____	_____	7	
8		0	0	_____	_____	_____	_____	_____	_____	_____	8	
9	Limited Service Int. --->	0	0	_____	_____	_____	_____	_____	_____	_____	9	
A		- - -	0	_____	_____	_____	_____	_____	_____	_____	A	<--- Limited
B		0	0	_____	_____	_____	_____	_____	_____	_____	B	Service
C		0	0	_____	_____	_____	_____	_____	_____	_____	C	Interval
D		0	0	_____	_____	_____	_____	_____	_____	_____	D	(Set Dwell = 255)
E		0	0	_____	_____	_____	_____	_____	_____	_____	E	
F		0	0	_____	_____	_____	_____	_____	_____	_____	F	

Special Event Schedule <C Page with F+9+F=22>

INTERSECTION: 009 Santa Rosa & Moorpark Rd

Group Assignment: **NONE**
Field Master Assignment: **FM2 Santa Rosa Road**
System Reference Number: **9**

N/S Street Name: **Moorpark Road**
E/W Street Name: **Santa Rosa Road**

Last Database Change: **10/10/2018 16:13**

Change Record					
Change	By	Date	Change	By	Date

Notes: ***6/6/16: New Max2 timings and TOD periods*** 10/11/2018, Coordination FDW, Yellow, Red Clear.

Manual Plan
0 = Automatic
1-9 = Plan 1-9
14 = Free
15 = Flash

Manual Offset
0 = Automatic
1 = Offset A
2 = Offset B
3 = Offset C

Drop Number	8	<C/0+0+0>
Zone Number	1	<C/0+0+1>
Area Number	4	<C/0+0+2>
Area Address	8	<C/0+0+3>
QuicNet Channel	0	(QuicNet)

Communication Addresses

Manual Plan		<C/0+A+1>
Manual Offset		<C/0+B+1>

Manual Selection

Flash Start	0	<F/1+0+E>
Red Revert	5.0	<F/1+0+F>
All Red Start	6.0	<F/1+C+0>

Start / Revert Times

Exclusive Walk	0	<F/1+0+0>
Exclusive FDW	0	<F/1+0+1>
All Red Clear	0.0	<F/1+0+2>

Exclusive Ped Phase
(Outputs specified in Assignable Outputs at E/127+A+E & F)

Row	Column Numbers ----> / Phase Names ---->	Phase 1	2	3	4	5	6	7	8
0	Ped Walk	0	0	0	0	0	7	0	7
1	Ped FDW	0	0	0	0	0	33	0	27
2	Min Green	4	10	4	6	8	10	0	5
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	0.0	2.0	0.0	3.0	0.0	2.0	0.0	0.0
5	Veh Extension	2.0	4.5	2.0	5.0	2.0	4.5	0.0	2.0
6	Max Gap	2.0	6.0	3.0	6.0	2.0	6.0	0.0	2.0
7	Min Gap	2.0	2.0	0.5	3.0	2.0	3.0	0.0	2.0
8	Max Limit	15	30	0	35	35	35	0	15
9	Max Limit 2	20	35	0	60	40	40	0	15
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	0	7
C	Cond Serv Check	10	10	10	10	10	10	0	10
D	Reduce Every	1.0	0.5	1.0	2.0	1.0	0.5	0.0	1.0
E	Yellow Change	3.6	5.5	3.6	4.8	3.6	5.5	0.0	3.6
F	Red Clear	1.0	1.5	1.0	2.0	2.0	1.5	0.0	2.0

Phase Timing - Bank 1 <C+0+F=1>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing <C+0+F=1>

	E
RR-1 Delay	0
RR-1 Clear	0
EV-A Delay	0
EV-A Clear	0
EV-B Delay	0
EV-B Clear	0
EV-C Delay	0
EV-C Clear	0
EV-D Delay	0
EV-D Clear	0
RR-2 Delay	0
RR-2 Clear	0
View EV Delay	- - -
View EV Clear	- - -
View RR Delay	- - -
View RR Clear	- - -

Preempt Timing

Row		F
0	Permit	12_456_8
1	Red Lock	_____
2	Yellow Lock	_____
3	Min Recall	_____
4	Ped Recall	_____
5	*View Set Peds*	- - - - -
6	Rest In Walk	_____
7	Red Rest	_____
8	Dual Entry	_2___6__
9	Max Recall	_____
A	Soft Recall	_2___6__
B	Max 2	12_456_8
C	Cond. Service	_____
D	Man Cntrl Calls	_____
E	Yellow Start	_____
F	First Phases	_2___6__

Phase Functions <C+0+F=1>

Row	Column Numbers ---->	Overlap 1	2	3	4	5	6	7	8
	Overlap Name ----->								
0	Load Switch Number	3	0	0	0	0	0	0	0
1	Veh Set 1 - Phases	45							
2	Veh Set 2 - Phases								
3	Veh Set 3 - Phases								
4	Neg Veh Phases	6							
5	Neg Ped Phases								
6	Green Omit Phases								
7	Green Clear Omit Phs.								
8									
9									
A									
B									
C									
D	Green Clear	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
E	Yellow Change	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
F	Red Clear	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Overlap Assignments <C+0+E=29>

Extra 1 Flags
1 = TBC Type 1
2 = NEMA Ext. Coord
3 = Auto Daylight Savings
4 = Solid FDW on EV
5 = Extended Status
6 = International Ped
7 = Flash - Clear Outputs
8 = Split Ring

Extra 2 Flags
1 = AWB During Initial
2 = RV2 FYA Enable
3 = Disable Min Walk
4 = QuicNet/4 System
5 = Ignore P/P on EV
6 = Police Adv hold in FDW
7 = Central PE Enable
8 = Flash GRN before YEL

Row		C
0	EV-A	0
1	EV-B	0
2	EV-C	0
3	EV-D	0
4	RR-1 *	- - -
5	RR-2 *	- - -
6	SE-1	0
7	SE-2	0
8		
9		
A		
B		
C		
D		
E		
F		

Preempt Priority
<C+0+E=125>
(* RR-1 is always Highest, and RR-2 is always Second Highest)

Row	Column Numbers ---->	E
0	Exclusive Phases	
1	RR-1 Clear Phases	
2	RR-2 Clear Phases	
3	RR-2 Limited Service	
4	Prot / Perm Phases	
5	Flash to PE Circuits	
6	Flash Entry Phases	
7	Disable Yellow Range	
8	Disable Ovp Yel Range	
9	Overlap Yellow Flash	
A	EV-A Phases	
B	EV-B Phases	
C	EV-C Phases	
D	EV-D Phases	
E	Extra 1 Config. Bits	1
F	IC Select (Interconnect)	2

Configuration <C+0+E=125>

	F
Ext. Permit 1 Phases	
Ext. Permit 2 Phases	
Exclusive Ped Assign	
Preempt Non-Lock	
Ped for 2P Output	
Ped for 6P Output	6
Ped for 4P Output	8
Ped for 8P Output	8
Yellow Flash Phases	
Low Priority A Phases	
Low Priority B Phases	
Low Priority C Phases	
Low Priority D Phases	
Restricted Phases	4 8
Extra 2 Config. Bits	8

Configuration <C+0+E=125>

	F
Fast Green Flash Phase	
Green Flash Phases	
Flashing Walk Phases	
Guaranteed Passage	
Simultaneous Gap Term	12345678
Sequential Timing	
Advance Walk Phases	
Delay Walk Phases	
External Recall	
Start-up Overlap Green	
Max Extension	
Inhibit Ped Reservice	
Semi-Actuated	
Start-up Overlap Yellow	
Start-up Vehicle Calls	12345678
Start-up Ped Calls	

Specials <C+0+F=2>

Flash to PE & PE Non-Lock
1 = EV A 5 = RR 1
2 = EV B 6 = RR 2
3 = EV C 7 = SE 1
4 = EV D 8 = SE 2

IC Select Flags
1 =
2 = Modem
3 = 7-Wire Slave
4 = Flash / Free
5 =
6 = Simplex Master
7 = 7-Wire Master
8 = Offset Interrupter

Row		2
0		
1	Phase 1	10
2	Phase 2	20
3	Phase 3	0
4	Phase 4	15
5	Phase 5	10
6	Phase 6	40
7	Phase 7	0
8	Phase 8	31
9		
A		
B		
C		
D		
E		
F		

Coordination Transition Minimums
<C+0+C=5>

Coord Extra
1 = Programmed WALK Time for Sync Phases
2 = Always Terminate Sync Phase Peds

Row	*Column Numbers ----->*	Plan 1	2	3	4	5	6	7	8	9	Row
	Plan Name ----->										
0	Cycle Length	0	0	0	0	0	0	0	0	0	0
1	Phase 1 - ForceOff	0	0	0	0	0	0	0	0	0	1
2	Phase 2 - ForceOff	0	0	0	0	0	0	0	0	0	2
3	Phase 3 - ForceOff	0	0	0	0	0	0	0	0	0	3
4	Phase 4 - ForceOff	0	0	0	0	0	0	0	0	0	4
5	Phase 5 - ForceOff	0	0	0	0	0	0	0	0	0	5
6	Phase 6 - ForceOff	0	0	0	0	0	0	0	0	0	6
7	Phase 7 - ForceOff	0	0	0	0	0	0	0	0	0	7
8	Phase 8 - ForceOff	0	0	0	0	0	0	0	0	0	8
9	Ring Offset	0	0	0	0	0	0	0	0	0	9
A	Offset 1	0	0	0	0	0	0	0	0	0	A
B	Offset 2	0	0	0	0	0	0	0	0	0	B
C	Offset 3	0	0	0	0	0	0	0	0	0	C
D	Perm 1 - End	0	0	0	0	0	0	0	0	0	D
E	Hold Release	255	255	255	255	255	255	255	255	255	E
F	Zone Offset	0	0	0	0	0	0	0	0	0	F

Coordination - Bank 1 <C+0+C=1>

	E	Row
		0
Plan 1 - Sync	_2___6__	1
Plan 2 - Sync	_2___6__	2
Plan 3 - Sync	_2___6__	3
Plan 4 - Sync	_2___6__	4
Plan 5 - Sync	_2___6__	5
Plan 6 - Sync	_2___6__	6
Plan 7 - Sync	_2___6__	7
Plan 8 - Sync	_2___6__	8
Plan 9 - Sync	_2___6__	9
NEMA Sync	_____	A
NEMA Hold	_____	B
		C
		D
Coord Extra	_____	E
		F

Sync Phases <C+0+C=1>

Row											Row
0	Ped Adjustment	10	10	10	0	0	0	0	0	0	0
1	Perm 2 - Start	0	0	0	0	0	0	0	0	0	1
2	Perm 2 - End	0	0	0	0	0	0	0	0	0	2
3	Perm 3 - Start	0	0	0	0	0	0	0	0	0	3
4	Perm 3 - End	0	0	0	0	0	0	0	0	0	4
5	Reservice Time	0	0	0	0	0	0	0	0	0	5
6	Reservice Phases	_____	_____	_____	_____	_____	_____	_____	_____	_____	6
7											7
8	Pretimed Phases	_____	_____	_____	_____	_____	_____	_____	_____	_____	8
9	Max Recall	_____	_____	_____	_____	_____	_____	_____	_____	_____	9
A	Perm 1 Veh Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	A
B	Perm 1 Ped Phase	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	12345678	B
C	Perm 2 Veh Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	C
D	Perm 2 Ped Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	D
E	Perm 3 Veh Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	E
F	Perm 3 Ped Phase	_____	_____	_____	_____	_____	_____	_____	_____	_____	F

Coordination - Bank 2 <C+0+C=2>

	F	Row
Free Lag	_2_4_6__	0
Plan 1 - Lag	_2_4_6__	1
Plan 2 - Lag	_2_4_6__	2
Plan 3 - Lag	_2_4_6__	3
Plan 4 - Lag	_2_4_6__	4
Plan 5 - Lag	_2_4_6__	5
Plan 6 - Lag	_2_4_6__	6
Plan 7 - Lag	_2_4_6__	7
Plan 8 - Lag	_2_4_6__	8
Plan 9 - Lag	_2_4_6__	9
External Lag	_____	A
		B
		C
		D
		E
		F

Lag Phases <C+0+C=1>

Row	Column 9		Column A		Column B		Column C		Column D		Column E		Column F		Row
0	Spec. Funct. 1	0	NOT-3	0	Max 2	0	Pretimed	0	Set Monday	0	Dial 2 (7-Wire)	0	Sim Term	0	0
1	Spec. Funct. 2	0	NOT-4	0	System Det 1	0	Plan 1	0	Ext. Perm 1	0	Dial 3 (7-Wire)	0	EV-A	71	1
2	Spec. Funct. 3	0	OR-4 (a)	0	System Det 2	0	Plan 2	0	Ext. Perm 2	0	Offset 1 (7-Wire)	0	EV-B	72	2
3	Spec. Funct. 4	0	OR-4 (b)	0	System Det 3	0	Plan 3	0	Gate Down	0	Offset 2 (7-Wire)	0	EV-C	73	3
4	NAND-3 (a)	0	OR-5 (a)	0	System Det 4	0	Plan 4	0	Set Clock	0	Offset 3 (7-Wire)	0	EV-D	74	4
5	NAND-3 (b)	0	OR-5 (b)	0	System Det 5	0	Plan 5	0	Stop Time	82	Free (7-Wire)	0	RR-1	51	5
6	NAND-4 (a)	0	OR-6 (a)	0	System Det 6	0	Plan 6	0	Flash Sense	81	Flash (7-Wire)	0	RR-2	52	6
7	NAND-4 (b)	0	OR-6 (b)	0	System Det 7	0	Plan 7	0	Manual Enable	0	Excl. Ped Omit	0	Spec. Event 1	0	7
8	OR-7 (a)	0	Fig 3 Diamond	0	System Det 8	0	Plan 8	0	Man. Advance	0	NOT-1	0	Spec. Event 2	0	8
9	OR-7 (b)	0	Fig 4 Diamond	0	Max Inhibit (nema)	0	Plan 9	0	External Alarm	0	NOT-2	0	External Lag	0	9
A	OR-7 (c)	0	AND-4 (a)	0	Force A (nema)	0	DELAY-A	0	Phase Bank 2	0	OR-1 (a)	0	AND-1 (a)	200	A
B	OR-7 (d)	0	AND-4 (b)	0	Force B (nema)	0	DELAY-B	0	Phase Bank 3	0	OR-1 (b)	0	AND-1 (b)	4	B
C	OR-8 (a)	0	NAND-1 (a)	0	C.N.A. (nema)	0	DELAY-C	0	Overlap Set 2	200	OR-2 (a)	0	AND-2 (a)	0	C
D	OR-8 (b)	0	NAND-1 (b)	0	Hold (nema)	0	DELAY-D	0	Overlap Set 3	0	OR-2 (b)	0	AND-2 (b)	0	D
E	OR-8 (c)	0	NAND-2 (a)	0	Max Recall	0	DELAY-E	0	Detector Set 2	0	OR-3 (a)	0	AND-3 (a)	0	E
F	OR-8 (d)	0	NAND-2 (b)	0	Min Recall	0	DELAY-F	0	Detector Set 3	0	OR-3 (b)	0	AND-3 (b)	0	F

Assignable Inputs <C+0+E=126>

Row	Column 9		Column A		Column B		Column C		Column D		Column E		Column F		Row
0	Phase ON - 1	0	Preempt Fail	0	Flasher 0	0	Free	0	NOT-1	0	TOD Out 1	200	Dial 2 (7-Wire)	0	0
1	Phase ON - 2	0	Sp Evnt Out 1	0	Flasher 1	0	Plan 1	0	OR-1	0	TOD Out 2	0	Dial 3 (7-Wire)	0	1
2	Phase ON - 3	0	Sp Evnt Out 2	0	Fast Flasher	0	Plan 2	0	OR-2	0	TOD Out 3	0	Offset 1 (7-Wire)	0	2
3	Phase ON - 4	0	Sp Evnt Out 3	0	Fig 3 Diamond	0	Plan 3	0	OR-3	0	TOD Out 4	0	Offset 2 (7-Wire)	0	3
4	Phase ON - 5	0	Sp Evnt Out 4	0	Fig 4 Diamond	0	Plan 4	0	AND-1	38	TOD Out 5	0	Offset 3 (7-Wire)	0	4
5	Phase ON - 6	0	Sp Evnt Out 5	0			Plan 5	0	AND-2	0	TOD Out 6	0	Free (7-Wire)	0	5
6	Phase ON - 7	0	Sp Evnt Out 6	0			Plan 6	0	AND-3	0	TOD Out 7	0	Flash (7-Wire)	0	6
7	Phase ON - 8	0	Sp Evnt Out 7	0			Plan 7	0	NOT-2	0	TOD Out 8	0	Preempt	0	7
8	Ph. Check - 1	0	Sp Evnt Out 8	0	NOT-3	0	Plan 8	0	EV-A	0	Adv. Warn - 1	36	Low Priority A	0	8
9	Ph. Check - 2	0			NOT-4	0	Plan 9	0	EV-B	0	Adv. Warn - 2	0	Low Priority B	0	9
A	Ph. Check - 3	0	Detector Fail	0	OR-4	0	Spec. Funct. 3	0	EV-C	0	DELAY-A	0	Low Priority C	0	A
B	Ph. Check - 4	0	Spec. Funct. 1	0	OR-5	0	Spec. Funct. 4	0	EV-D	0	DELAY-B	0	Low Priority D	0	B
C	Ph. Check - 5	0	Spec. Funct. 2	0	OR-6	0	NAND-3	0	RR-1	0	DELAY-C	0			C
D	Ph. Check - 6	0	Central Control	0	AND-4	0	NAND-4	0	RR-2	0	DELAY-D	0			D
E	Ph. Check - 7	0	Excl. Ped DW	0	NAND-1	0	OR-7	0	Spec. Event 1	0	DELAY-E	0			E
F	Ph. Check - 8	0	Excl. Ped WK	0	NAND-2	0	OR-8	0	Spec. Event 2	0	DELAY-F	0			F

Assignable Outputs <C+0+E=127>

Row	Column Numbers ---->	Phase 1	2	3	4	5	6	7	8
	Phase Names ----->								
0	Ped Walk	0	0	0	0	0	7	0	7
1	Ped FDW	0	0	0	0	0	33	0	27
2	Min Green	4	10	4	6	8	10	0	5
3	Type 3 Disconnect	0	0	0	0	0	0	0	0
4	Added per Vehicle	0.0	2.0	0.0	3.0	0.0	2.0	0.0	0.0
5	Veh Extension	2.0	4.5	2.0	5.0	2.0	4.5	0.0	2.0
6	Max Gap	2.0	6.0	3.0	6.0	2.0	6.0	0.0	2.0
7	Min Gap	2.0	2.0	0.5	3.0	2.0	3.0	0.0	2.0
8	Max Limit	15	30	0	35	35	35	0	15
9	Max Limit 2	20	50	0	100	50	50	0	15
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	0	7
C	Cond Serv Check	10	10	10	10	10	10	0	10
D	Reduce Every	1.0	0.5	1.0	2.0	1.0	0.5	0.0	1.0
E	Yellow Change	3.6	5.5	3.6	4.8	3.6	5.5	0.0	3.6
F	Red Clear	1.0	1.5	1.0	2.0	2.0	1.5	0.0	2.0

Phase Timing - Bank 2 <C+0+F=2>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing

Transition Type
0.X = Shortway
1.X = Lengthen
X.1 thru X.4 = Number of cycles when lengthing

Transition Type	0.3	<C/5+1+9>

TBC Transition

Lag Hold Phases	_____	<C/5+1+A>

Coordinated Lag Hold Phases

Sync Output Time	0.0	<C/5+1+C>

7-Wire Master

Daylight Savings Date
If set to all zeros, standard dates will be used.

Begin Month	3	<C/5+2+A>
Begin Week	2	<C/5+2+B>
End Month	11	<C/5+2+C>
End Week	1	<C/5+2+D>

Daylight Savings Time

Time B4 Yellow	0.0	<F/1+C+E>
Phase Number	4	<F/1+C+F>

Advance Warning Beacon - Sign 1

Row		1	2	3	4	5	6	7	8
0	Ped Walk	0	7	0	7	0	7	0	7
1	Ped FDW	0	15	0	15	0	15	0	15
2	Min Green	4	7	4	4	4	7	4	4
3	Type 3 Disconnect	0	20	0	20	0	20	0	20
4	Added per Vehicle	0.0	2.0	0.0	2.0	0.0	2.0	0.0	2.0
5	Veh Extension	2.0	4.0	2.0	2.5	2.0	4.0	2.0	2.5
6	Max Gap	3.0	6.0	3.0	3.0	3.0	6.0	3.0	3.0
7	Min Gap	0.5	2.0	0.5	1.5	0.5	2.0	0.5	1.5
8	Max Limit	20	30	20	25	20	30	20	25
9	Max Limit 2	30	50	30	40	30	50	30	40
A	Adv. / Delay Walk	0	0	0	0	0	0	0	0
B	PE Min Ped FDW	7	7	7	7	7	7	7	7
C	Cond Serv Check	10	10	10	10	10	10	10	10
D	Reduce Every	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
E	Yellow Change	3.0	4.0	3.0	3.0	3.0	4.0	3.0	3.0
F	Red Clear	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

Phase Timing - Bank 3 <C+0+F=3>

	9	A	B	C	D
	- - -	- - -	- - -	- - -	- - -
Phase 1	0	0	0	0	0.0
Phase 2	20	0	0	0	0.0
Phase 3	0	0	0	0	0.0
Phase 4	20	0	0	0	0.0
Phase 5	0	0	0	0	0.0
Phase 6	20	0	0	0	0.0
Phase 7	0	0	0	0	0.0
Phase 8	20	0	0	0	0.0
Max Initial					
Alternate Walk					
Alternate FDW					
Alternate Initial					
Alternate Extension					

Alternate Timing

Time B4 Yellow	0.0	<F/1+D+E>
Phase Number	0	<F/1+D+F>

Advance Warning Beacon - Sign 2

Long Failure	0.7	<F/1+0+6>
Short Failure	0.7	<F/1+0+7>

Power Cycle Correction (Default = 0.7)

Row	Detector Name	0 C1 Pin Number	1 Attributes	2 Phase(s)	3 Assign	1 Delay	3 Carry-over
0		39	45_7_	_2_____	123____8	0.0	0.0
1		40	45_7_	_____6__	123____8	0.0	0.0
2		41	45_7_	___4____	123____8	0.0	0.0
3		42	45_7_	_____8	123____8	15.0	0.0
4		43	45_7_	_2_____	123____8	0.0	0.0
5		44	45_7_	_____6__	123____8	0.0	0.0
6		45	45_7_	___4____	123____8	0.0	0.0
7		46	45_7_	_____8	123____8	0.0	0.0
8		47	67_	_2_____	123____8	0.0	0.0
9		48	67_	_____6__	123____8	0.0	0.0
A		49	67_	___4____	123____8	0.0	0.0
B		50	67_	_____8	123____8	0.0	0.0
C		55	45_7_	____5___	123____8	0.0	0.0
D		56	45_7_	1_____	123____8	0.0	0.0
E		57	45_7_	_____7_	123____8	0.0	0.0
F		58	45_7_	__3_____	123____8	0.0	0.0

Row	Detector Name	4 C1 Pin Number	5 Attributes	6 Phase(s)	7 Assign	2 Delay	4 Carry-over
0		59	45_7_	____5___	123____8	0.0	0.0
1		60	45_7_	1_____	123____8	0.0	0.0
2		61	45_7_	_____7_	123____8	0.0	0.0
3		62	45_7_	__3_____	123____8	0.0	0.0
4		63	45_7_	_2_____	123____8	0.0	0.0
5		64	45_7_	_____6__	123____8	0.0	0.0
6		65	45_7_	___4____	123____8	0.0	0.0
7		66	45_7_	_____8	123____8	0.0	0.0
8		67	_2_____	_2_____	123____8	0.0	0.0
9		68	_2_____	_____6__	123____8	0.0	0.0
A		69	_2_____	___4____	123____8	0.0	0.0
B		70	_2_____	_____8	123____8	0.0	0.0
C		76	45_7_	_2_____	123____8	0.0	0.0
D		77	45_7_	_____6__	123____8	0.0	0.0
E		78	45_7_	___4____	123____8	0.0	0.0
F		79	45_7_	_____8	123____8	0.0	0.0

Detector Assignments <C+0+E=126> <C+0+D=0>

Detector Attributes
1 = Full Time Delay
2 = Ped Call
3 =
4 = Count
5 = Extension
6 = Type 3
7 = Calling
8 = Alternate

Det. Assignments
1 = Det. Set 1
2 = Det. Set 2
3 = Det. Set 3
4 =
5 =
6 = Failure - Min Recall
7 = Failure - Max Recall
8 = Report on Failure

Column Numbers ---->	Ped / Phase / Overlap 1	2	3	4	5	6	7	8	Row
Walk	0	0	0	0	0	0	0	0	0
Don't Walk	0	0	0	0	0	0	0	0	1
Phase Green	0	0	0	0	0	0	0	0	2
Phase Yellow	0	0	0	0	0	0	0	0	3
Phase Red	0	0	0	0	0	0	0	0	4
Overlap Green	0	0	0	0	0	0	0	0	5
Overlap Yellow	0	0	0	0	0	0	0	0	6
Overlap Red	0	0	0	0	0	0	0	0	7

Redirect Phase Outputs <C+0+E=127>

Cabinet Type	0	<E/125+D+0>

Enable Redirection
(Enable Redirection = 30)

Max OFF (minutes)	255	<D/0+0+1>
Max ON (minutes)	7	<D/0+0+2>

Detector Failure Monitor

	D	Row
		0
Output Port 1	_____	1
Output Port 2	_____	2
Output Port 3	_____	3
Output Port 4	_____	4
Output Port 5	_____	5
Output Port 6	_____	6
Output Port 7	_____	7

Dimming <C+0+E=125>

	D
Number of Digits	0
1 st Digit	0
2 ed Digit	0
3 ed Digit	0
4 th Digit	0
5 th Digit	0
6 th Digit	0
7 th Digit	0
8 th Digit	0
9 th Digit	0
10 th Digit	0
11 th Digit	0
12 th Digit	0
13 th Digit	0
14 th Digit	0
15 th Digit	0

<C+0+C=5>

Dial-Back Telephone Number

Disable Alarms
1 = Stop Time
2 = Flash Sense
3 = Keyboard Entry
4 = Manual Plan
5 = Police Control
6 = External Alarm
7 = Detector Failure
8 =

	B	Row
DELAY-A	0	A
DELAY-B	0	B
DELAY-C	0	C
DELAY-D	0	D
DELAY-E	0	E
DELAY-F	0	F

Delay Logic Times
<C+0+D=0> (seconds)

Omit Alarm	_____	<C/5+F+0>

Disable Alarm Reporting

Time	10	<C/5+C+0>

Redial Time (minutes)
(View Redial Timer at E/2+D+6)

Row	Time	Plan	Offset	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination <C+0+9=0.1>
(Bank 1)

Time	Funct.	Day of Week	Column 4 Phases/Bits
06 : 30	F	_23456_	1_____
09 : 30	F	_23456_	_____
06 : 15	B	_23456_	12_456_8
09 : 30	B	_23456_	_____
00 : 01	E	1234567	_____78
14 : 30	B	_23456_	12_456_8
18 : 45	B	_23456_	_____
14 : 30	F	_23456_	1_____
18 : 30	F	_23456_	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

TOD Function <C+0+7=0.1> <C+0+E=27>

Day	Year	Month	Holiday Type
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____

Holiday Dates <C+0+8=1.1>
(Bank 1)

Time	Plan	Offset	Holiday Type
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday Events <C+0+9=1.1>
(Bank 1)

T.O.D. Functions
0 =
1 = Red Lock
2 = Yellow Lock
3 = Veh Min Recall
4 = Ped Recall
5 =
6 = Rest In Walk
7 = Red Rest
8 = Double Entry
9 = Veh Max Recall
A = Veh Soft Recall
B = Maximum 2
C = Conditional Service
D = Free Lag Phases
E = Bit 1 - Local Override
Bit 4 - Disable Detector OFF Monitor
Bit 5 - Disable Low Priority Preempt
Bit 6 - Disable FYA
Bit 7 - Detector Count Monitor
Bit 8 - Real Time Split Monitor
F = Output Bits 1 thru 8

Row	Time	Plan	Offset	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_____
F	00 : 00	0	0	_____

TOD Coordination <C+0+9=0.2>
(Bank 2)

Time	Funct.	Holiday Type	Column 4 Phases/Bits
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____
00 : 00	0	_____	_____

Holiday TOD Function <C+0+7=0.2> <C+0+E=28>

Day	Year	Month	Holiday Type
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____
00	00	0	_____

Holiday Dates <C+0+8=1.2>
(Bank 2)

Time	Plan	Offset	Holiday Type
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____
00 : 00	0	0	_____

Holiday Events <C+0+9=1.2>
(Bank 2)

Plan Select
1 thru 9 = Coordination Plan 1 thru 9
14 or E = Free
15 or F = Flash

Offset Select
A = Offset A
B = Offset B
C = Offset C

Month Select
1 = January
2 = February
3 = March
4 = April
5 = May
6 = June
7 = July
8 = August
9 = September
A = October
B = November
C = December

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Notes:

0 <E/27+5+F>
Limited Service Interval

Special Event Schedule -- Table 1 <C+0+E=27>

Row	6 Clear	7 Time	8 Ped Call	9 Hold	A Advance	B Force Off	C Vehicle Call	D Permit Phases	E Ped Omit	F Output
0		0								
1		0								
2		0								
3		0								
4		0								
5		0								
6		0								
7		0								
8		0								
9		0								
A		0								
B		0								
C		0								
D		0								
E		0								
F		0								

Notes:

0 <E/28+5+F>
Limited Service Interval

Special Event Schedule -- Table 2 <C+0+E=28>

Min Time (seconds) | **0** | <F/1+0+8>

Min Green Before PE Force Off

Max Time (minutes) | **255** | <F/1+0+9>

Max Preempt Time Before Failure

Min Time (seconds) | **0** | <F/1+0+A>

Min Time Between Same Preempts

(Does Not Apply To Railroad Preempt)

Low Pri. Channel | _____ | <E/125+C+8>

Disable Low Priority Channel

Low Priority
1 = Channel A
2 = Channel B
3 = Channel C
4 = Channel D

Delay Time (seconds) | **0** | <F/1+A+D>

Bus Delay

Max Time (seconds) | **0** | <F/1+A+E>

Max Early Green

Max Time (seconds) | **0** | <F/1+A+F>

Max Green Extension

Row	Time	Headway	Direction	Day of Week
0	00 : 00	0	0	_____
1	00 : 00	0	0	_____
2	00 : 00	0	0	_____
3	00 : 00	0	0	_____
4	00 : 00	0	0	_____
5	00 : 00	0	0	_____
6	00 : 00	0	0	_____
7	00 : 00	0	0	_____
8	00 : 00	0	0	_____
9	00 : 00	0	0	_____
A	00 : 00	0	0	_____
B	00 : 00	0	0	_____
C	00 : 00	0	0	_____
D	00 : 00	0	0	_____
E	00 : 00	0	0	_2_____
F	00 : 00	0	0	_2345__

Headway <C+0+9=2.1>

Headway Time
(minutes)
1 thru 9 = 1 thru 9
A = 10
B = 11
C = 12
D = 13
E = 14
F = 15

Low Priority Preemption (Bus Priority)

Only available with *Program 233RV2.B* (and above)

Note: Also see "Time of Day Functions", Function E, Bit 5 (Disable Low Priority)

APPENDIX E – GAP & QUEUE STUDY – 2016 STUDY

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Barbara Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:01	7:30:07	0:00:06	No	No
7:33:37	7:33:43	0:00:06	No	No
7:44:33	7:44:41	0:00:08	No	No
7:45:23	7:45:29	0:00:06	No	No
7:50:00	7:50:06	0:00:06	No	No
7:57:04	7:57:10	0:00:06	No	No
7:58:08	7:58:16	0:00:08	Yes	Yes
7:58:35	7:58:40	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Barbara Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:44	17:00:49	0:00:05	No	No
17:01:46	17:01:53	0:00:07	No	No
17:02:21	17:02:27	0:00:06	No	No
17:03:03	17:03:08	0:00:05	No	No
17:03:12	17:03:19	0:00:07	No	No
17:03:19	17:03:29	0:00:10	No	No
17:03:29	17:03:36	0:00:07	No	No
17:05:48	17:05:53	0:00:05	No	No
17:06:04	17:06:34	0:00:30	No	No
17:07:47	17:07:52	0:00:05	No	No
17:07:59	17:08:06	0:00:07	No	No
17:08:06	17:08:21	0:00:15	No	No
17:09:29	17:09:49	0:00:20	No	No
17:09:49	17:10:02	0:00:13	No	No
17:10:02	17:10:09	0:00:07	No	No
17:12:05	17:12:10	0:00:05	No	No
17:12:33	17:12:40	0:00:07	No	No
17:12:46	17:12:51	0:00:05	No	No
17:12:51	17:12:56	0:00:05	No	No
17:13:24	17:13:31	0:00:07	No	No
17:14:14	17:14:19	0:00:05	No	No
17:15:42	17:15:47	0:00:05	No	No
17:15:58	17:16:03	0:00:05	No	No
17:18:25	17:18:32	0:00:07	No	No
17:18:39	17:18:49	0:00:10	No	No
17:19:45	17:19:50	0:00:05	No	No
17:19:59	17:20:11	0:00:12	No	No
17:20:11	17:20:16	0:00:05	No	No
17:21:18	17:21:24	0:00:06	No	No
17:22:20	17:22:25	0:00:05	No	No
17:22:29	17:22:36	0:00:07	No	No
17:23:07	17:23:12	0:00:05	No	No
17:24:57	17:25:02	0:00:05	No	No
17:25:42	17:25:51	0:00:09	No	No
17:26:14	17:26:19	0:00:05	No	No
17:27:30	17:27:36	0:00:06	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Barbara Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM		0		1
7:31 AM				
7:32 AM				
7:33 AM			1	
7:34 AM			1	
7:35 AM		1		0
7:36 AM				
7:37 AM				
7:38 AM				
7:39 AM	1			
7:40 AM		1		0
7:41 AM				
7:42 AM				
7:43 AM				
7:44 AM	1			
7:45 AM	1	1		0
7:46 AM				
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		0		0
7:51 AM				
7:52 AM				
7:53 AM				
7:54 AM				
7:55 AM		1		0
7:56 AM				
7:57 AM				
7:58 AM	1			
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Barbara Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		0		0
5:01 PM				
5:02 PM				
5:03 PM				
5:04 PM				
5:05 PM		1		1
5:06 PM	1		1	
5:07 PM	1		1	
5:08 PM				
5:09 PM				
5:10 PM		0		0
5:11 PM				
5:12 PM				
5:13 PM				
5:14 PM				
5:15 PM		0		0
5:16 PM				
5:17 PM				
5:18 PM				
5:19 PM				
5:20 PM		0		0
5:21 PM				
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM		0		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Holiday Pines Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:12	7:30:17	0:00:05	No	No
7:30:33	7:30:38	0:00:05	No	No
7:30:55	7:31:11	0:00:16	No	No
7:31:29	7:31:42	0:00:13	No	No
7:31:44	7:31:56	0:00:12	No	No
7:31:57	7:32:09	0:00:12	No	No
7:32:22	7:32:27	0:00:05	No	No
7:32:27	7:32:32	0:00:05	No	No
7:35:57	7:36:04	0:00:07	No	No
7:36:04	7:36:09	0:00:05	No	No
7:36:13	7:36:26	0:00:13	No	No
7:36:26	7:36:38	0:00:12	No	No
7:36:38	7:36:46	0:00:08	No	No
7:36:47	7:36:54	0:00:07	No	No
7:37:00	7:37:09	0:00:09	No	No
7:37:14	7:37:23	0:00:09	No	No
7:37:28	7:37:35	0:00:07	No	No
7:37:53	7:38:01	0:00:08	No	No
7:38:10	7:38:17	0:00:07	No	No
7:58:27	7:58:33	0:00:06	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Holiday Pines Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:18	17:00:25	0:00:07	No	No
17:00:54	17:01:02	0:00:08	No	No
17:04:14	17:04:19	0:00:05	No	No
17:06:37	17:06:48	0:00:11	No	No
17:06:59	17:07:09	0:00:10	No	No
17:07:09	17:07:17	0:00:08	No	No
17:08:27	17:08:32	0:00:05	No	No
17:08:52	17:08:57	0:00:05	No	No
17:09:47	17:09:53	0:00:06	No	No
17:10:06	17:10:21	0:00:15	No	No
17:12:01	17:12:09	0:00:08	No	No
17:12:13	17:12:23	0:00:10	No	No
17:12:43	17:12:52	0:00:09	No	No
17:12:52	17:13:02	0:00:10	No	No
17:13:42	17:13:49	0:00:07	No	No
17:13:53	17:13:59	0:00:06	No	No
17:15:15	17:15:24	0:00:09	No	No
17:15:27	17:15:33	0:00:06	No	No
17:20:29	17:20:34	0:00:05	No	No
17:20:34	17:20:40	0:00:06	No	No
17:20:40	17:20:45	0:00:05	No	No
17:25:06	17:25:14	0:00:08	No	No
17:25:19	17:25:26	0:00:07	No	No
17:28:03	17:28:08	0:00:05	No	No
17:28:08	17:28:15	0:00:07	No	No
17:28:45	17:28:50	0:00:05	No	No
17:28:58	17:29:07	0:00:09	No	No
17:29:29	17:29:35	0:00:06	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Holiday Pines Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM		0		0
7:31 AM				
7:32 AM				
7:33 AM				
7:34 AM				
7:35 AM		0		0
7:36 AM				
7:37 AM				
7:38 AM				
7:39 AM				
7:40 AM		0		0
7:41 AM				
7:42 AM				
7:43 AM				
7:44 AM				
7:45 AM		0		0
7:46 AM				
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		0		0
7:51 AM				
7:52 AM				
7:53 AM				
7:54 AM				
7:55 AM		0		0
7:56 AM				
7:57 AM				
7:58 AM				
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Holiday Pines Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		0		0
5:01 PM				
5:02 PM				
5:03 PM				
5:04 PM				
5:05 PM	1	1		0
5:06 PM				
5:07 PM				
5:08 PM				
5:09 PM				
5:10 PM		0		0
5:11 PM				
5:12 PM				
5:13 PM				
5:14 PM				
5:15 PM		0		0
5:16 PM				
5:17 PM				
5:18 PM				
5:19 PM				
5:20 PM		0		1
5:21 PM			1	
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM		0		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Duval Rd
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:35	7:30:51	0:00:16	No	No
7:30:51	7:30:56	0:00:05	No	No
7:31:13	7:31:27	0:00:14	No	No
7:31:31	7:31:47	0:00:16	No	No
7:31:47	7:31:52	0:00:05	No	No
7:32:09	7:32:14	0:00:05	No	No
7:35:29	7:35:43	0:00:14	Yes	Yes
7:35:43	7:35:52	0:00:09	No	No
7:36:03	7:36:12	0:00:09	No	No
7:36:13	7:36:24	0:00:11	No	No
7:36:29	7:36:36	0:00:07	Yes	No
7:36:42	7:36:51	0:00:09	Yes	Yes
7:36:51	7:36:57	0:00:06	No	No
7:37:39	7:37:50	0:00:11	Yes	Yes
7:38:24	7:38:30	0:00:06	No	No
7:39:22	7:39:28	0:00:06	No	No
7:39:28	7:39:58	0:00:30	No	No
7:39:59	7:40:12	0:00:13	No	No
7:40:39	7:40:46	0:00:07	No	No
7:41:47	7:41:52	0:00:05	No	No
7:41:57	7:42:03	0:00:06	No	No
7:42:14	7:42:19	0:00:05	No	No
7:46:02	7:46:13	0:00:11	No	No
7:46:18	7:46:25	0:00:07	No	No
7:47:53	7:47:59	0:00:06	No	No
7:53:59	7:54:04	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Duval Rd
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:11	17:00:22	0:00:11	No	No
17:00:25	17:00:32	0:00:07	No	No
17:00:52	17:01:01	0:00:09	No	No
17:01:05	17:01:14	0:00:09	No	No
17:02:17	17:02:22	0:00:05	No	No
17:02:39	17:02:45	0:00:06	No	No
17:04:03	17:04:10	0:00:07	Yes	Yes
17:06:23	17:06:34	0:00:11	Yes	Yes
17:06:42	17:06:57	0:00:15	No	No
17:07:03	17:07:08	0:00:05	No	No
17:07:08	17:07:14	0:00:06	No	No
17:08:30	17:08:42	0:00:12	No	No
17:08:42	17:08:48	0:00:06	No	No
17:08:48	17:08:53	0:00:05	No	No
17:08:59	17:09:04	0:00:05	No	No
17:09:56	17:10:07	0:00:11	No	No
17:10:07	17:10:15	0:00:08	No	No
17:10:18	17:10:25	0:00:07	No	No
17:10:25	17:10:30	0:00:05	No	No
17:12:30	17:12:37	0:00:07	No	No
17:12:37	17:12:49	0:00:12	No	No
17:13:17	17:13:27	0:00:10	No	No
17:13:54	17:13:59	0:00:05	No	No
17:14:31	17:14:36	0:00:05	No	No
17:15:24	17:15:34	0:00:10	No	No
17:21:08	17:21:14	0:00:06	No	No
17:24:46	17:24:51	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Duval Rd
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM		0		0
7:31 AM				
7:32 AM				
7:33 AM				
7:34 AM				
7:35 AM		1		0
7:36 AM	1			
7:37 AM	1			
7:38 AM				
7:39 AM				
7:40 AM	1	2		0
7:41 AM	1			
7:42 AM	2			
7:43 AM				
7:44 AM				
7:45 AM		1		0
7:46 AM				
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		1		1
7:51 AM	1			
7:52 AM	1			
7:53 AM				
7:54 AM	1		1	
7:55 AM		0		0
7:56 AM				
7:57 AM				
7:58 AM				
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Duval Rd
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		1	1	1
5:01 PM				
5:02 PM	1			
5:03 PM	1			
5:04 PM	1			
5:05 PM	1	1		0
5:06 PM	1			
5:07 PM				
5:08 PM				
5:09 PM				
5:10 PM		1		0
5:11 PM	1			
5:12 PM				
5:13 PM				
5:14 PM				
5:15 PM		0		0
5:16 PM				
5:17 PM				
5:18 PM				
5:19 PM				
5:20 PM		0		0
5:21 PM				
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM		0		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Arletta Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:16	7:30:41	0:00:25	No	No
7:30:56	7:31:09	0:00:13	No	No
7:31:09	7:31:18	0:00:09	No	No
7:31:19	7:31:35	0:00:16	No	No
7:31:53	7:31:58	0:00:05	No	No
7:33:10	7:33:17	0:00:07	Yes	Yes
7:33:46	7:33:56	0:00:10	No	No
7:34:08	7:34:21	0:00:13	No	No
7:35:20	7:35:25	0:00:05	No	No
7:35:49	7:36:02	0:00:13	Yes	Yes
7:36:02	7:36:08	0:00:06	No	No
7:36:08	7:36:13	0:00:05	No	No
7:37:01	7:37:06	0:00:05	No	No
7:37:06	7:37:15	0:00:09	No	No
7:37:53	7:37:59	0:00:06	No	No
7:37:59	7:38:06	0:00:07	No	No
7:38:17	7:38:23	0:00:06	No	No
7:38:31	7:38:36	0:00:05	No	No
7:38:38	7:38:43	0:00:05	No	No
7:38:53	7:38:58	0:00:05	No	No
7:39:00	7:39:15	0:00:15	No	No
7:39:20	7:39:25	0:00:05	No	No
7:39:32	7:39:37	0:00:05	No	No
7:39:50	7:39:56	0:00:06	No	No
7:40:32	7:40:37	0:00:05	No	No
7:40:56	7:41:07	0:00:11	No	No
7:41:44	7:41:50	0:00:06	No	No
7:49:25	7:49:30	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Arletta Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:02	17:00:08	0:00:06	No	No
17:00:08	17:00:19	0:00:11	No	No
17:00:25	17:00:30	0:00:05	No	No
17:00:42	17:00:51	0:00:09	No	No
17:00:58	17:01:13	0:00:15	No	No
17:01:13	17:01:18	0:00:05	No	No
17:02:26	17:02:36	0:00:10	No	No
17:02:39	17:02:44	0:00:05	No	No
17:02:44	17:02:49	0:00:05	No	No
17:04:23	17:04:28	0:00:05	Yes	Yes
17:05:08	17:05:13	0:00:05	No	No
17:06:49	17:06:54	0:00:05	Yes	Yes
17:07:09	17:07:16	0:00:07	No	No
17:08:54	17:09:00	0:00:06	No	No
17:09:16	17:09:21	0:00:05	No	No
17:10:18	17:10:26	0:00:08	No	No
17:12:54	17:13:30	0:00:36	No	No
17:14:15	17:14:21	0:00:06	No	No
17:15:13	17:15:21	0:00:08	No	No
17:20:40	17:20:51	0:00:11	No	No
17:29:39	17:29:44	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Arletta Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM	0	1	0	1
7:31 AM	0		1	
7:32 AM	1		0	
7:33 AM	1		0	
7:34 AM	1		0	
7:35 AM	1	1	0	1
7:36 AM	0		0	
7:37 AM	0		0	
7:38 AM	0		0	
7:39 AM	0		1	
7:40 AM	0	3	0	1
7:41 AM	0		0	
7:42 AM	1		0	
7:43 AM	3		1	
7:44 AM	3		0	
7:45 AM	2	2	0	0
7:46 AM	0		0	
7:47 AM	0		0	
7:48 AM	1		0	
7:49 AM	0		0	
7:50 AM	0	2	0	0
7:51 AM	0		0	
7:52 AM	2		0	
7:53 AM	2		0	
7:54 AM	2		0	
7:55 AM	0	0	0	0
7:56 AM	0		0	
7:57 AM	0		0	
7:58 AM	0		0	
7:59 AM	0		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Arletta Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM	0	2	0	1
5:01 PM	0		1	
5:02 PM	0		1	
5:03 PM	2		0	
5:04 PM	2		0	
5:05 PM	1	1	1	1
5:06 PM	1		0	
5:07 PM	0		1	
5:08 PM	0		1	
5:09 PM	0		0	
5:10 PM	0	0	1	1
5:11 PM	0		1	
5:12 PM	0		1	
5:13 PM	0		0	
5:14 PM	0		0	
5:15 PM	0	1	0	0
5:16 PM	0		0	
5:17 PM	1		0	
5:18 PM	1		0	
5:19 PM	1		0	
5:20 PM	1	1	0	0
5:21 PM	0		0	
5:22 PM	0		0	
5:23 PM	0		0	
5:24 PM	0		0	
5:25 PM	0	1	0	0
5:26 PM	1		0	
5:27 PM	0		0	
5:28 PM	0		0	
5:29 PM	1		0	

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Glendside Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:01	7:30:16	0:00:15	No	No
7:30:16	7:30:27	0:00:11	No	No
7:30:41	7:31:04	0:00:23	No	No
7:31:06	7:31:20	0:00:14	No	No
7:31:46	7:31:51	0:00:05	No	No
7:33:24	7:33:30	0:00:06	No	No
7:33:51	7:33:56	0:00:05	No	No
7:33:58	7:34:09	0:00:11	No	No
7:36:48	7:36:53	0:00:05	No	No
7:36:53	7:37:07	0:00:14	No	No
7:37:20	7:37:25	0:00:05	Yes	No
7:37:42	7:37:48	0:00:06	No	No
7:37:48	7:37:53	0:00:05	No	No
7:38:04	7:38:09	0:00:05	No	No
7:38:17	7:38:22	0:00:05	Yes	No
7:38:24	7:38:30	0:00:06	Yes	Yes
7:38:44	7:38:58	0:00:14	No	No
7:39:20	7:39:30	0:00:10	No	No
7:39:31	7:39:43	0:00:12	No	No
7:40:17	7:40:25	0:00:08	No	No
7:40:17	7:40:41	0:00:24	No	No
7:40:47	7:40:53	0:00:06	No	No
7:41:13	7:41:22	0:00:09	No	No
7:41:40	7:41:46	0:00:06	No	No
7:41:47	7:41:52	0:00:05	No	No
7:41:57	7:42:07	0:00:10	No	No
7:45:51	7:46:11	0:00:20	No	No
7:46:16	7:46:21	0:00:05	yes	No
7:46:41	7:47:05	0:00:24	Yes	Yes
7:51:00	7:51:08	0:00:08	Yes	No
7:51:08	7:51:16	0:00:08	Yes	Yes

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Glendside Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:00:28	17:00:46	0:00:18	No	No
17:00:58	17:01:04	0:00:06	No	No
17:01:15	17:01:24	0:00:09	No	No
17:01:24	17:01:33	0:00:09	No	No
17:02:49	17:02:57	0:00:08	No	No
17:02:57	17:03:05	0:00:08	No	No
17:07:29	17:07:35	0:00:06	No	No
17:08:44	17:08:49	0:00:05	No	No
17:09:05	17:09:10	0:00:05	No	No
17:10:41	17:10:48	0:00:07	No	No
17:12:49	17:12:56	0:00:07	No	No
17:12:59	17:13:21	0:00:22	No	No
17:13:38	17:13:43	0:00:05	No	No
17:14:06	17:14:11	0:00:05	No	No
17:14:37	17:14:42	0:00:05	No	No
17:15:31	17:15:40	0:00:09	No	No
17:16:06	17:16:12	0:00:06	No	No
17:18:11	17:18:46	0:00:35	No	No
17:18:47	17:18:55	0:00:08	Yes	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Glendside Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM		0		0
7:31 AM				
7:32 AM				
7:33 AM				
7:34 AM				
7:35 AM		1		0
7:36 AM				
7:37 AM	1			
7:38 AM	1			
7:39 AM				
7:40 AM		1		0
7:41 AM	1			
7:42 AM				
7:43 AM				
7:44 AM	1			
7:45 AM	1	1		0
7:46 AM	1			
7:47 AM				
7:48 AM				
7:49 AM				
7:50 AM		0		1
7:51 AM				
7:52 AM				
7:53 AM			1	
7:54 AM				
7:55 AM		0		0
7:56 AM				
7:57 AM				
7:58 AM				
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Glendside Ln
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		0		1
5:01 PM				
5:02 PM				
5:03 PM				
5:04 PM			1	
5:05 PM		0		0
5:06 PM				
5:07 PM				
5:08 PM				
5:09 PM				
5:10 PM		0		0
5:11 PM				
5:12 PM				
5:13 PM				
5:14 PM				
5:15 PM		0		0
5:16 PM				
5:17 PM				
5:18 PM				
5:19 PM				
5:20 PM		0		0
5:21 PM				
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM		0		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Andalusia Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:30:30	7:30:38	0:00:08	No	No
7:30:42	7:30:47	0:00:05	No	No
7:32:09	7:32:18	0:00:09	No	No
7:32:18	7:32:24	0:00:06	No	No
7:32:24	7:32:31	0:00:07	No	No
7:32:34	7:32:41	0:00:07	No	No
7:32:52	7:33:00	0:00:08	No	No
7:33:00	7:33:10	0:00:10	No	No
7:33:10	7:33:22	0:00:12	No	No
7:33:25	7:33:30	0:00:05	No	No
7:33:53	7:33:58	0:00:05	No	No
7:33:59	7:34:04	0:00:05	No	No
7:34:16	7:34:25	0:00:09	No	No
7:34:25	7:34:40	0:00:15	No	No
7:34:46	7:34:56	0:00:10	No	No
7:35:47	7:35:56	0:00:09	No	No
7:35:56	7:36:04	0:00:08	No	No
7:36:18	7:36:24	0:00:06	No	No
7:36:42	7:36:47	0:00:05	No	No
7:37:14	7:37:19	0:00:05	No	No
7:37:28	7:37:33	0:00:05	No	No
7:37:36	7:37:43	0:00:07	No	No
7:37:45	7:37:55	0:00:10	No	No
7:37:55	7:38:04	0:00:09	No	No
7:38:12	7:38:19	0:00:07	No	No
7:39:50	7:39:56	0:00:06	No	No
7:39:56	7:40:01	0:00:05	No	No
7:40:24	7:40:29	0:00:05	No	No
7:40:44	7:40:49	0:00:05	No	No
7:41:09	7:41:15	0:00:06	No	No
7:42:00	7:42:10	0:00:10	No	No
7:42:15	7:42:29	0:00:14	No	No
7:42:40	7:42:45	0:00:05	No	No
7:42:48	7:42:55	0:00:07	No	No
7:42:55	7:43:06	0:00:11	No	No
7:43:11	7:43:17	0:00:06	No	No
7:44:23	7:44:30	0:00:07	No	No
7:44:39	7:44:46	0:00:07	Yes	Yes
7:44:48	7:44:54	0:00:06	No	No
7:45:14	7:45:22	0:00:08	No	No
7:45:26	7:45:37	0:00:11	No	No
7:45:38	7:45:48	0:00:10	No	No
7:46:02	7:46:07	0:00:05	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Andalusia Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
7:47:27	7:47:33	0:00:06	Yes	Yes
7:47:40	7:47:50	0:00:10	No	No
7:47:47	7:48:02	0:00:15	No	No
7:49:00	7:49:05	0:00:05	No	No
7:49:13	7:49:18	0:00:05	No	No
7:49:21	7:49:26	0:00:05	No	No
7:49:28	7:49:48	0:00:20	No	No
7:51:24	7:51:50	0:00:26	No	No
7:51:50	7:51:57	0:00:07	No	No
7:52:27	7:52:34	0:00:07	No	No
7:53:42	7:53:47	0:00:05	No	No
7:53:47	7:53:54	0:00:07	No	No
7:54:00	7:54:11	0:00:11	No	No
7:54:14	7:54:19	0:00:05	No	No
7:54:19	7:54:28	0:00:09	No	No
7:54:36	7:54:41	0:00:05	No	No
7:56:00	7:56:16	0:00:16	No	No
7:57:31	7:57:36	0:00:05	No	No
7:58:35	7:58:43	0:00:08	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Andalusia Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Gap Start Time (hh:mm:ss)	Gap End Time (hh:mm:ss)	Duration	Were any vehicles present on the side street and waiting to enter intersection?	If yes, did a vehicle enter the intersection during gap?
17:01:30	17:01:35	0:00:05	No	No
17:01:53	17:01:58	0:00:05	No	No
17:03:49	17:03:59	0:00:10	No	No
17:03:59	17:04:04	0:00:05	No	No
17:04:12	17:04:20	0:00:08	No	No
17:05:46	17:05:56	0:00:10	No	No
17:06:59	17:07:08	0:00:09	No	No
17:07:11	17:07:16	0:00:05	No	No
17:08:42	17:08:51	0:00:09	Yes	No
17:09:21	17:09:27	0:00:06	Yes	No
17:11:14	17:11:19	0:00:05	No	No
17:11:45	17:11:53	0:00:08	No	No
17:12:37	17:12:42	0:00:05	No	No
17:12:42	17:12:48	0:00:06	No	No
17:12:50	17:12:56	0:00:06	No	No
17:14:06	17:14:14	0:00:08	No	No
17:14:14	17:14:36	0:00:22	Yes	Yes
17:15:50	17:15:55	0:00:05	No	No
17:16:44	17:17:00	0:00:16	No	No
17:17:00	17:17:06	0:00:06	No	No
17:17:13	17:17:33	0:00:20	No	No
17:17:45	17:17:51	0:00:06	No	No
17:19:28	17:19:36	0:00:08	No	No
17:19:58	17:20:03	0:00:05	No	No
17:20:03	17:20:10	0:00:07	No	No
17:22:36	17:22:41	0:00:05	No	No
17:23:08	17:23:17	0:00:09	No	No
17:25:15	17:25:22	0:00:07	Yes	Yes
17:25:22	17:25:27	0:00:05	No	No
17:25:32	17:25:38	0:00:06	No	No
17:26:34	17:26:40	0:00:06	No	No
17:27:28	17:27:34	0:00:06	No	No
17:27:34	17:27:39	0:00:05	No	No
17:27:49	17:28:18	0:00:29	No	No
17:28:28	17:28:35	0:00:07	No	No
17:29:14	17:29:21	0:00:07	No	No
17:29:21	17:29:29	0:00:08	No	No

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Andalusia Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
7:30 AM			1	
7:31 AM				
7:32 AM		0		1
7:33 AM				
7:34 AM				
7:35 AM				
7:36 AM				
7:37 AM		0		0
7:38 AM				
7:39 AM				
7:40 AM				
7:41 AM				
7:42 AM		1		0
7:43 AM				
7:44 AM	1			
7:45 AM				
7:46 AM				
7:47 AM	1	1		1
7:48 AM			1	
7:49 AM				
7:50 AM				
7:51 AM				
7:52 AM	1	1		1
7:53 AM				
7:54 AM			1	
7:55 AM			1	
7:56 AM				
7:57 AM		0		1
7:58 AM				
7:59 AM				

Prepared by National Data & Surveying Services

SANTA ROSA RD AFTER STUDY

Location: Santa Rosa Rd & Andalusia Dr
City: Camarillo

Day: Wednesday
Date: 10/17/2018

Time	Number of Queued Vehicles on Side Street	Max Queue on Side Street Per 5-Min Interval	Number of Vehicles on Santa Rosa Rd Queued to Make a Left onto Side Street	Max Queue on Santa Rosa Rd Per 5-Min Interval
5:00 PM		0		0
5:01 PM				
5:02 PM				
5:03 PM				
5:04 PM				
5:05 PM		2		1
5:06 PM				
5:07 PM			1	
5:08 PM	1		1	
5:09 PM	2			
5:10 PM	1	1		0
5:11 PM				
5:12 PM				
5:13 PM	1			
5:14 PM				
5:15 PM	1	1		1
5:16 PM				
5:17 PM			1	
5:18 PM			1	
5:19 PM				
5:20 PM		0		0
5:21 PM				
5:22 PM				
5:23 PM				
5:24 PM				
5:25 PM	1	1		0
5:26 PM				
5:27 PM				
5:28 PM				
5:29 PM				

APPENDIX F – TRAVEL TIME RUNS – 2016 STUDY

PC-Travel Reports for study: 18-5687-AM-EB

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Speed Profile (Time vs Spd) for Santa Rosa Road-AM-EB-004 After	28

NDS
18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-AM-EB-001 After	10/17/18	07:00	18209	After	Primary
Santa Rosa Road-AM-EB-002 After	10/17/18	07:35	18358	After	Primary
Santa Rosa Road-AM-EB-003 After	10/17/18	08:01	18226	After	Primary
Santa Rosa Road-AM-EB-004 After	10/17/18	08:23	18253	After	Primary

Node Info

#	Len	Name
1	0	Yucca Drive
2	2020	Blanchard Rd
3	1864	Brittany Park Rd
4	3087	Applewood Ln
5	1561	E Las Posas Rd
6	3904	Andalusia Dr
7	2133	Vista Grande
8	3717	Marvella Ct

Length of Study Route = 18,286

Notes:

NDS

18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Yucca Drive							
2	2020	Blanchard Rd	35.0	0.0	39.4	9.8	0.3	1.3	3.8
3	1864	Brittany Park Rd	29.8	0.0	42.7	6.5	0.0	0.0	0.0
4	3087	Applewood Ln	45.8	0.0	46.0	6.8	0.0	0.0	0.0
5	1561	E Las Posas Rd	27.8	0.3	38.4	7.8	3.0	5.0	8.0
6	3904	Andalusia Dr	71.0	0.3	37.5	22.3	10.5	15.3	18.5
7	2133	Vista Grande	55.0	0.3	26.4	28.0	17.3	24.5	36.3
8	3717	Marvella Ct	69.0	0.3	36.7	23.0	9.0	12.0	14.0
Total	**18,286**		**333.3**	**1.0**	**37.4**	**104.0**	**40.0**	**58.0**	**80.5**

Stats based on 4 AFTER runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
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EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001 After)	Run #2 (Santa Rosa Road-AM-EB-002 After)	Run #3 (Santa Rosa Road-AM-EB-003 After)	Run #4 (Santa Rosa Road-AM-EB-004 After)
1	0	Yucca Drive				
2	2020	Blanchard Rd	40	34	35	31
3	1864	Brittany Park Rd	29	31	31	28
4	3087	Applewood Ln	47	47	49	40
5	1561	E Las Posas Rd	43	23	24	21
6	3904	Andalusia Dr	68	104	60	52
7	2133	Vista Grande	59	98	32	31
8	3717	Marvella Ct	100	63	57	56
Totals	**18286**		**386**	**400**	**288**	**259**

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EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001 After)	Run #2 (Santa Rosa Road-AM-EB-002 After)	Run #3 (Santa Rosa Road-AM-EB-003 After)	Run #4 (Santa Rosa Road-AM-EB-004 After)
1	0	Yucca Drive				
2	2020	Blanchard Rd	0	0	0	0
3	1864	Brittany Park Rd	0	0	0	0
4	3087	Applewood Ln	0	0	0	0
5	1561	E Las Posas Rd	1	0	0	0
6	3904	Andalusia Dr	0	1	0	0
7	2133	Vista Grande	0	1	0	0
8	3717	Marvella Ct	1	0	0	0
Totals	**18286**		**2**	**2**	**0**	**0**

Stops based on a Stop Speed of 5 MPH.

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18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Santa Rosa Road-AM-EB-001 After
Santa Rosa Road-AM-EB-002 After
Santa Rosa Road-AM-EB-003 After
Santa Rosa Road-AM-EB-004 After

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4
1	0	Yucca Drive				
2	2020	Blanchard Rd	35.2	41.2	40.2	44.4
3	1864	Brittany Park Rd	43.5	40.7	40.9	46.6
4	3087	Applewood Ln	44.8	45.3	43.2	52.9
5	1561	E Las Posas Rd	25.0	45.4	43.8	49.5
6	3904	Andalusia Dr	39.0	25.5	44.6	51.0
7	2133	Vista Grande	24.5	15.0	44.8	47.1
8	3717	Marvella Ct	25.0	40.0	44.3	45.2
Totals	**18286**		**32.3**	**31.2**	**43.3**	**48.2**

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18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **7**

Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001 After)	Run #2 (Santa Rosa Road-AM-EB-002 After)	Run #3 (Santa Rosa Road-AM-EB-003 After)	Run #4 (Santa Rosa Road-AM-EB-004 After)
1	0	Yucca Drive				
2	2020	Blanchard Rd	14	9	10	6
3	1864	Brittany Park Rd	6	8	8	4
4	3087	Applewood Ln	8	8	10	1
5	1561	E Las Posas Rd	23	3	4	1
6	3904	Andalusia Dr	19	56	11	3
7	2133	Vista Grande	32	71	5	4
8	3717	Marvella Ct	54	17	11	10
Totals	**18286**		**156**	**172**	**59**	**29**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **8**

Detailed Statistics By Run

Time <= 15 MPH by Section

Santa Rosa Road-AM-EB-001 After
Santa Rosa Road-AM-EB-002 After
Santa Rosa Road-AM-EB-003 After
Santa Rosa Road-AM-EB-004 After

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4
1	0	Yucca Drive				
2	2020	Blanchard Rd	1	0	0	0
3	1864	Brittany Park Rd	0	0	0	0
4	3087	Applewood Ln	0	0	0	0
5	1561	E Las Posas Rd	12	0	0	0
6	3904	Andalusia Dr	0	42	0	0
7	2133	Vista Grande	17	52	0	0
8	3717	Marvella Ct	36	0	0	0
Totals	**18286**		**66**	**94**	**0**	**0**

NDS
18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **9**

Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-EB-001 After)	Run #2 (Santa Rosa Road-AM-EB-002 After)	Run #3 (Santa Rosa Road-AM-EB-003 After)	Run #4 (Santa Rosa Road-AM-EB-004 After)
1	0	Yucca Drive				
2	2020	Blanchard Rd	5	0	0	0
3	1864	Brittany Park Rd	0	0	0	0
4	3087	Applewood Ln	0	0	0	0
5	1561	E Las Posas Rd	20	0	0	0
6	3904	Andalusia Dr	0	61	0	0
7	2133	Vista Grande	29	69	0	0
8	3717	Marvella Ct	42	6	0	0
Totals	**18286**		**96**	**136**	**0**	**0**

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18-5687 AM
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **10**

Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4
			Santa Rosa Road-AM-EB-001 After	Santa Rosa Road-AM-EB-002 After	Santa Rosa Road-AM-EB-003 After	Santa Rosa Road-AM-EB-004 After
1	0	Yucca Drive				
2	2020	Blanchard Rd	15	0	0	0
3	1864	Brittany Park Rd	0	0	0	0
4	3087	Applewood Ln	0	0	0	0
5	1561	E Las Posas Rd	32	0	0	0
6	3904	Andalusia Dr	10	64	0	0
7	2133	Vista Grande	47	98	0	0
8	3717	Marvella Ct	46	10	0	0
Totals	**18286**		**150**	**172**	**0**	**0**

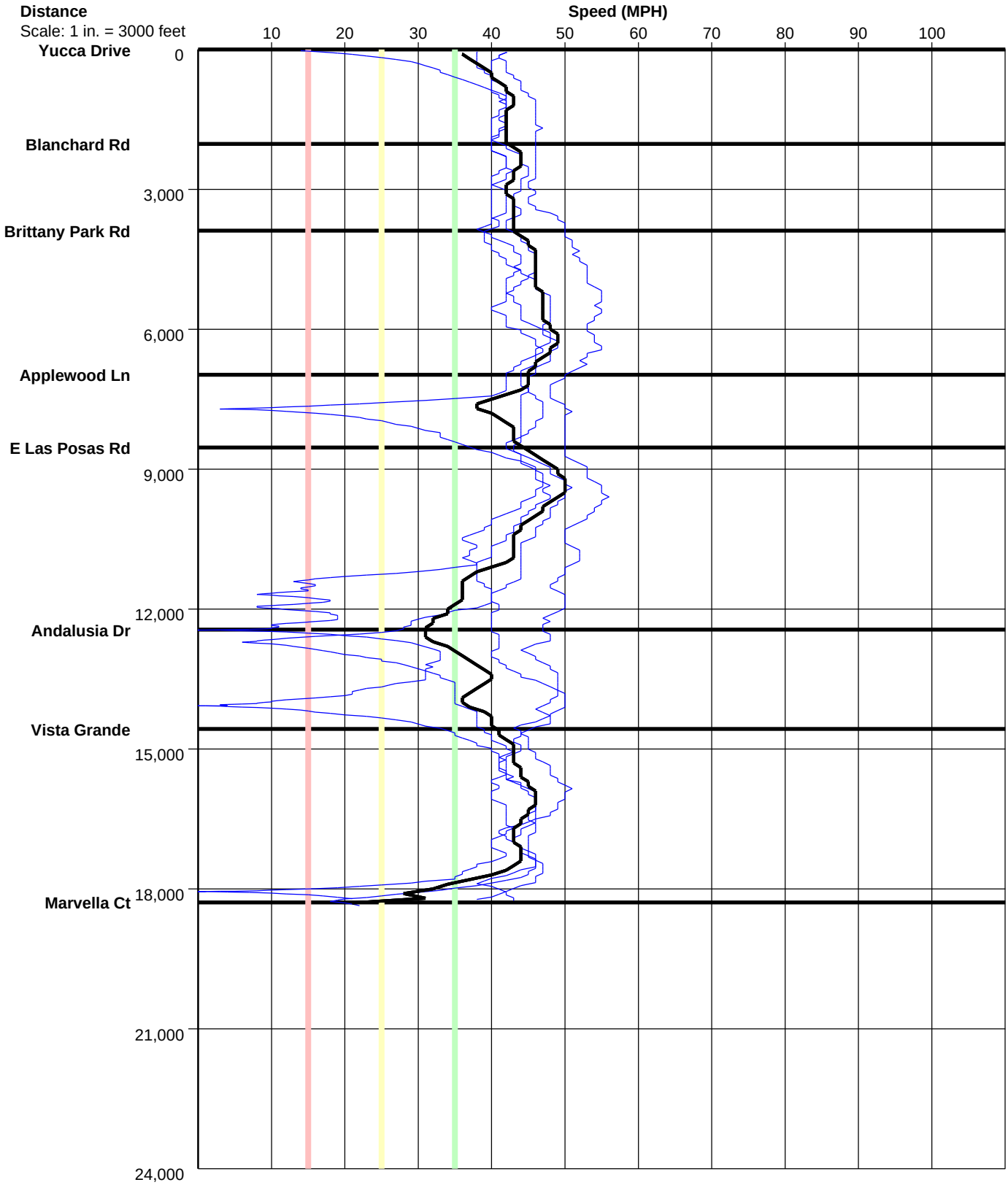
NDS

18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **11**

Speed/Distance Profiles of All Runs



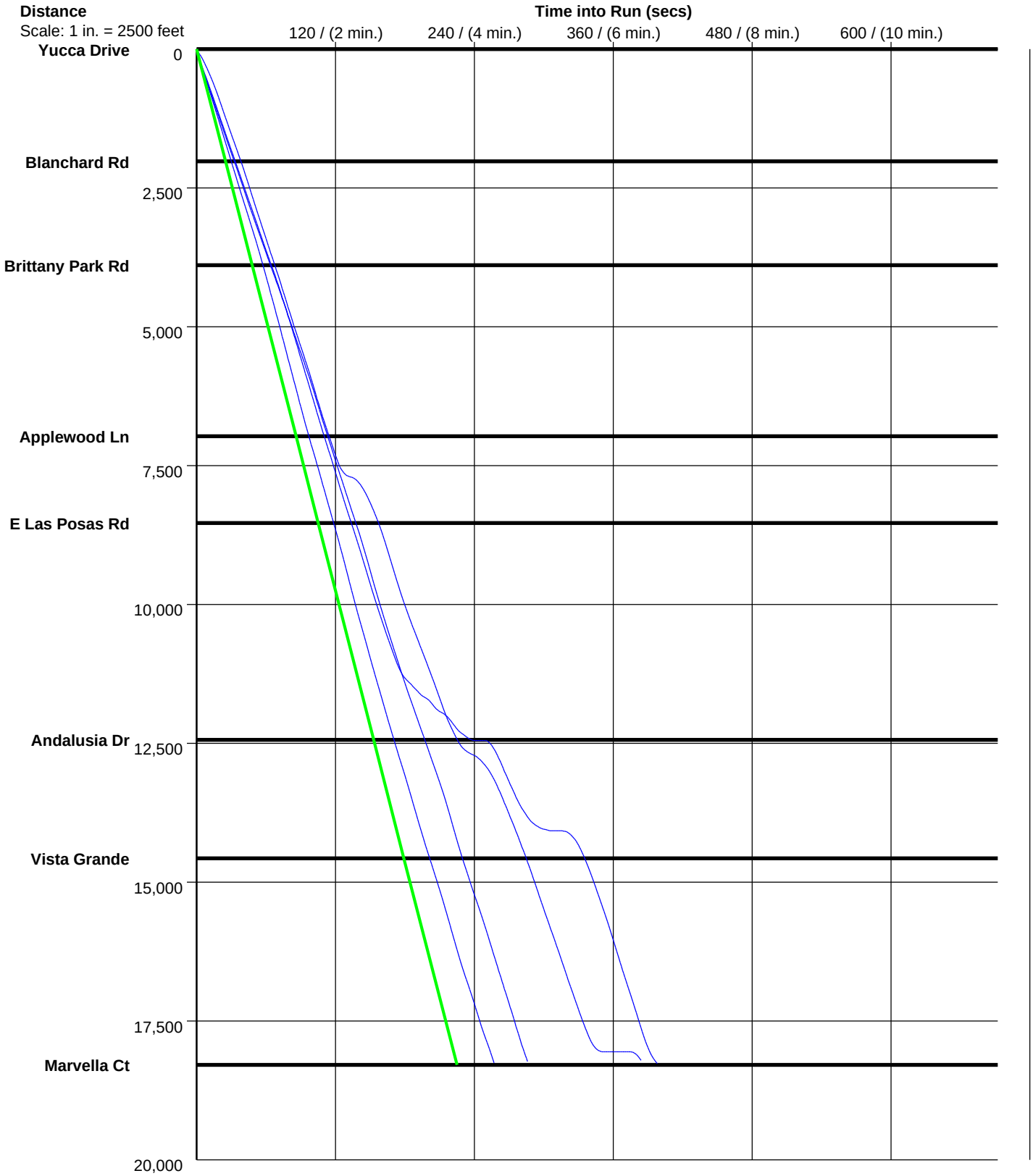
NDS

18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **12**

Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS

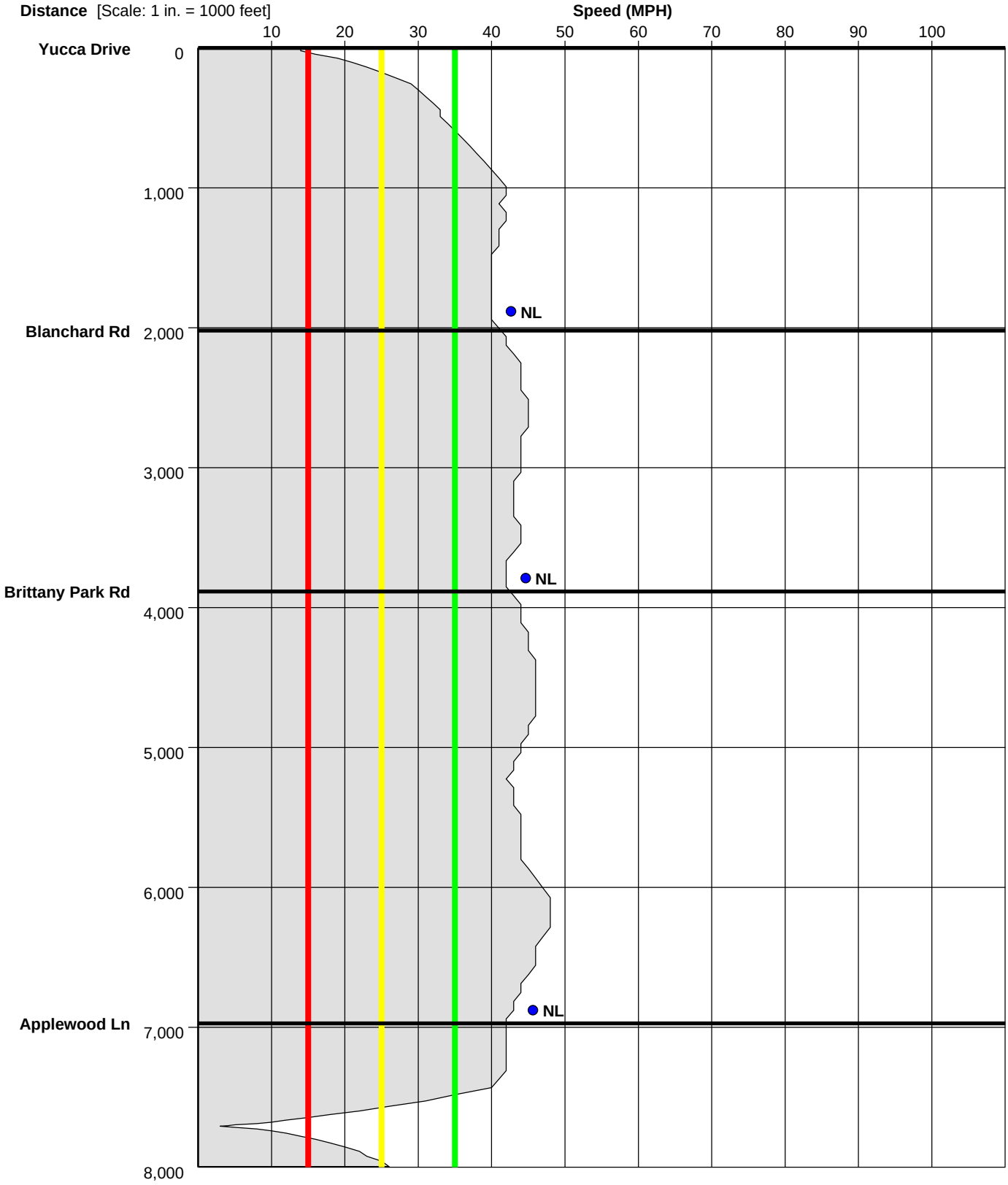
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **13**

Speed Profile

Run : Santa Rosa Road-AM-EB-001 After Start Time: 07:00 (This is an After Run)



NDS

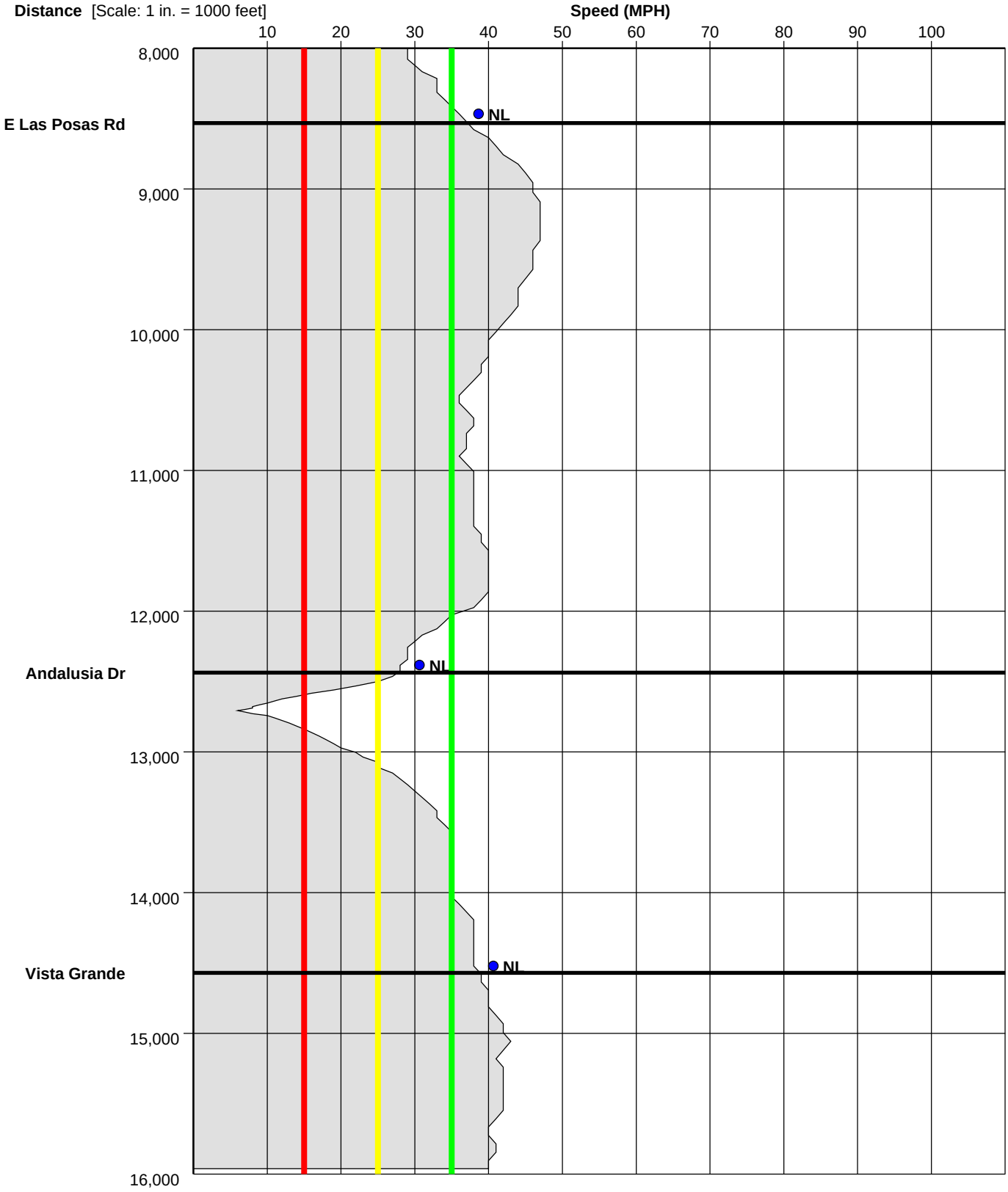
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **14**

Speed Profile

Run : Santa Rosa Road-AM-EB-001 After Start Time: 07:00 (This is an After Run)



NDS

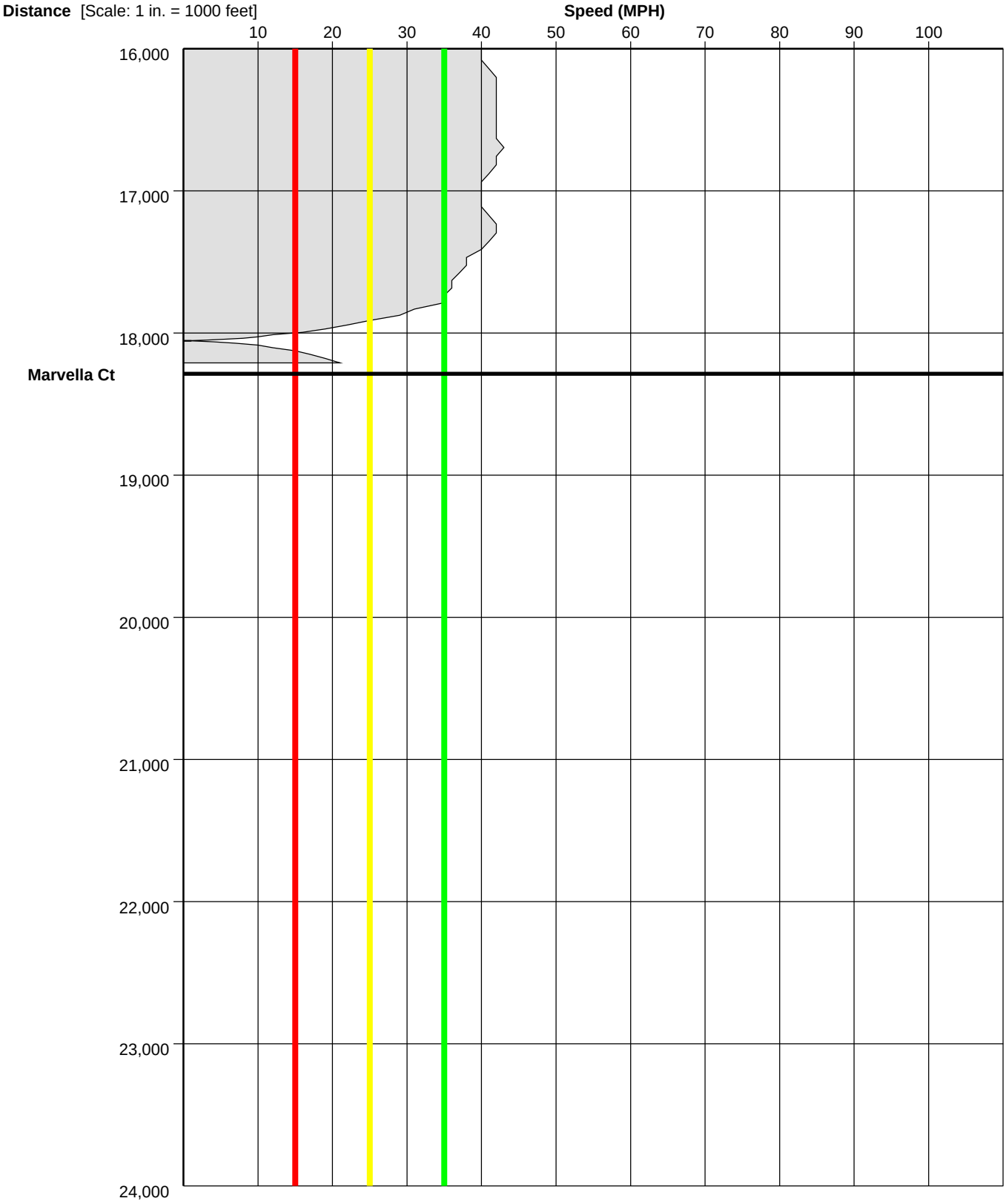
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **15**

Speed Profile

Run : Santa Rosa Road-AM-EB-001 After Start Time: 07:00 (This is an After Run)



NDS

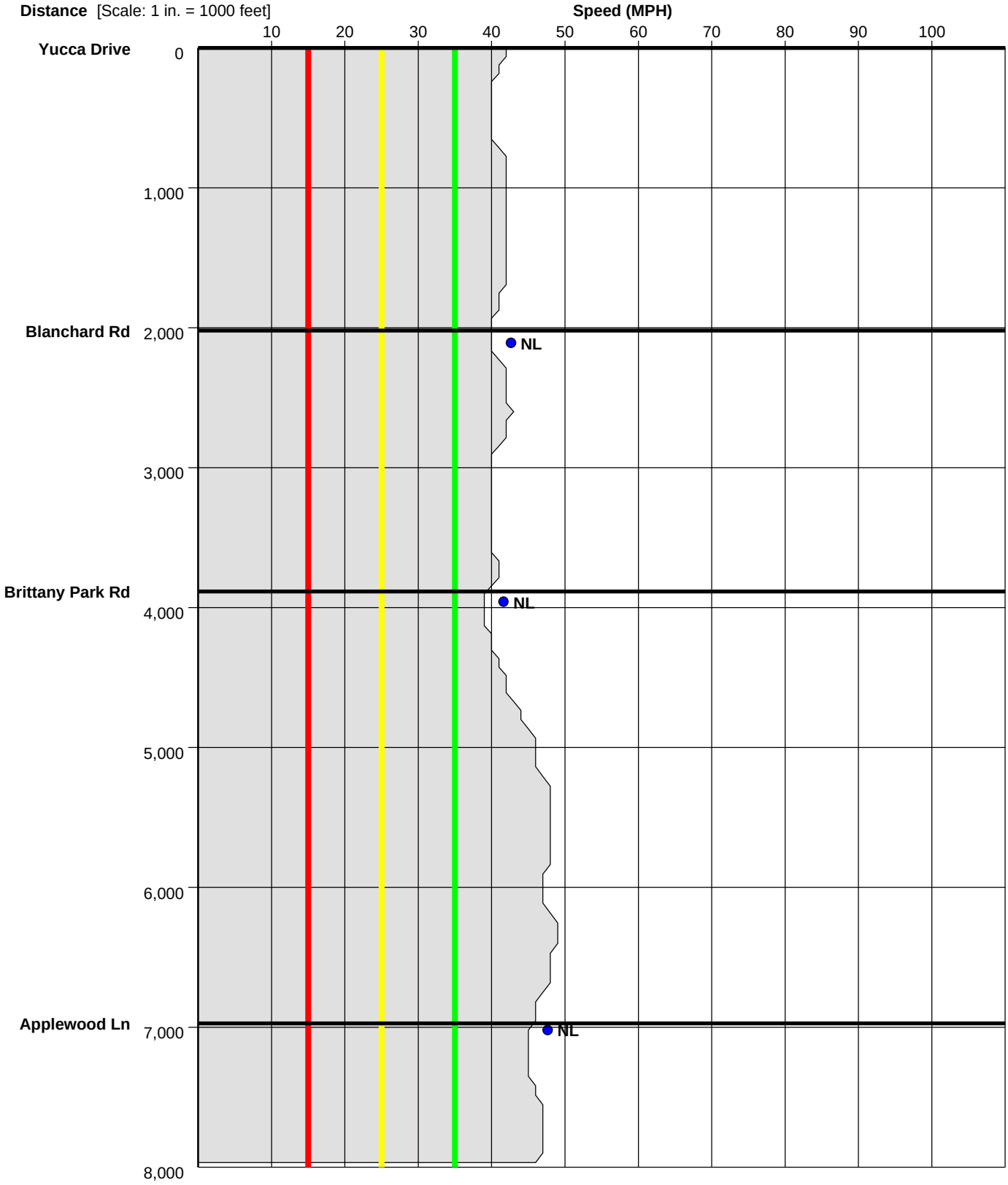
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **16**

Speed Profile

Run : Santa Rosa Road-AM-EB-002 After Start Time: 07:35 (This is an After Run)



NDS

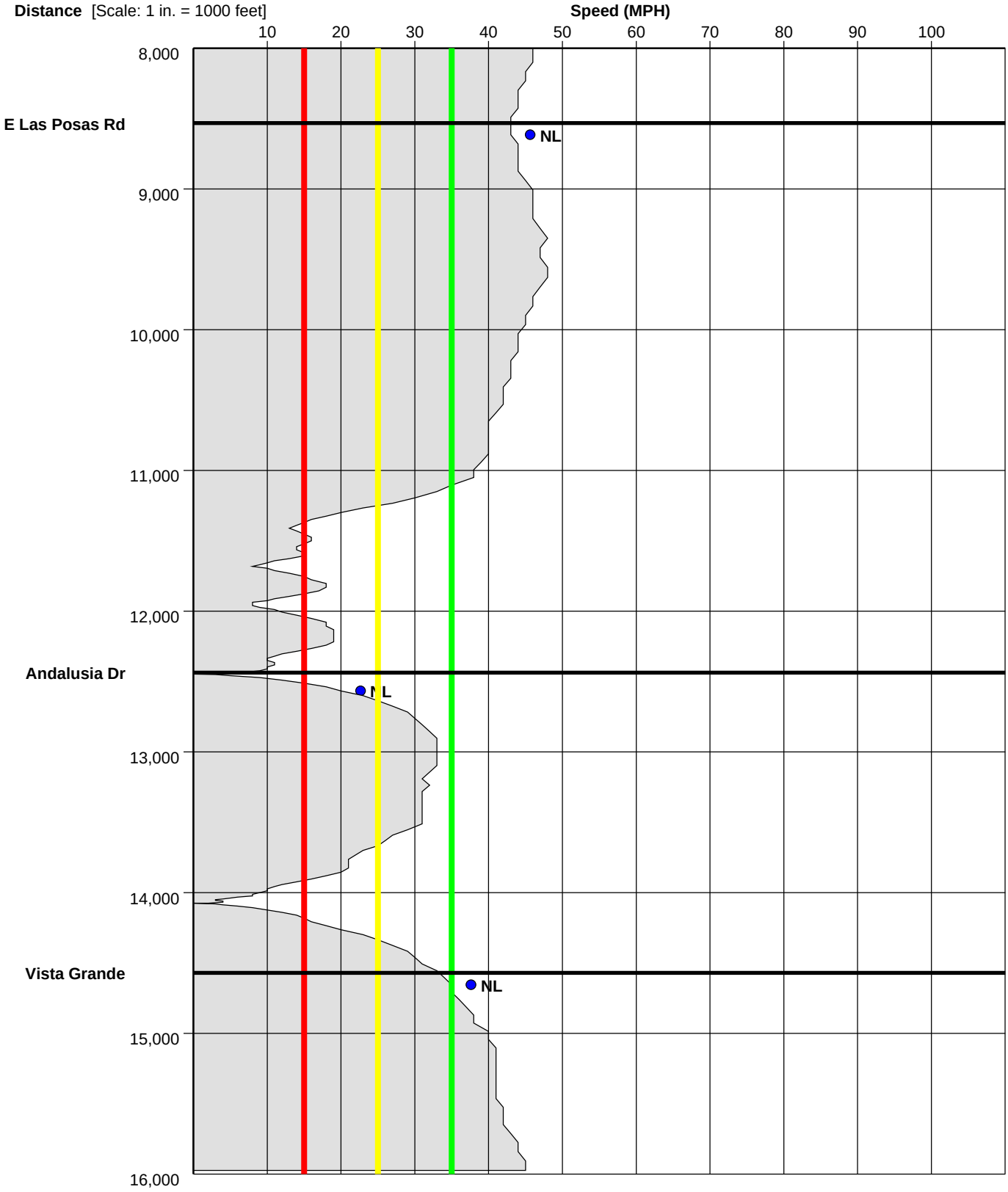
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **17**

Speed Profile

Run : Santa Rosa Road-AM-EB-002 After Start Time: 07:35 (This is an After Run)



NDS

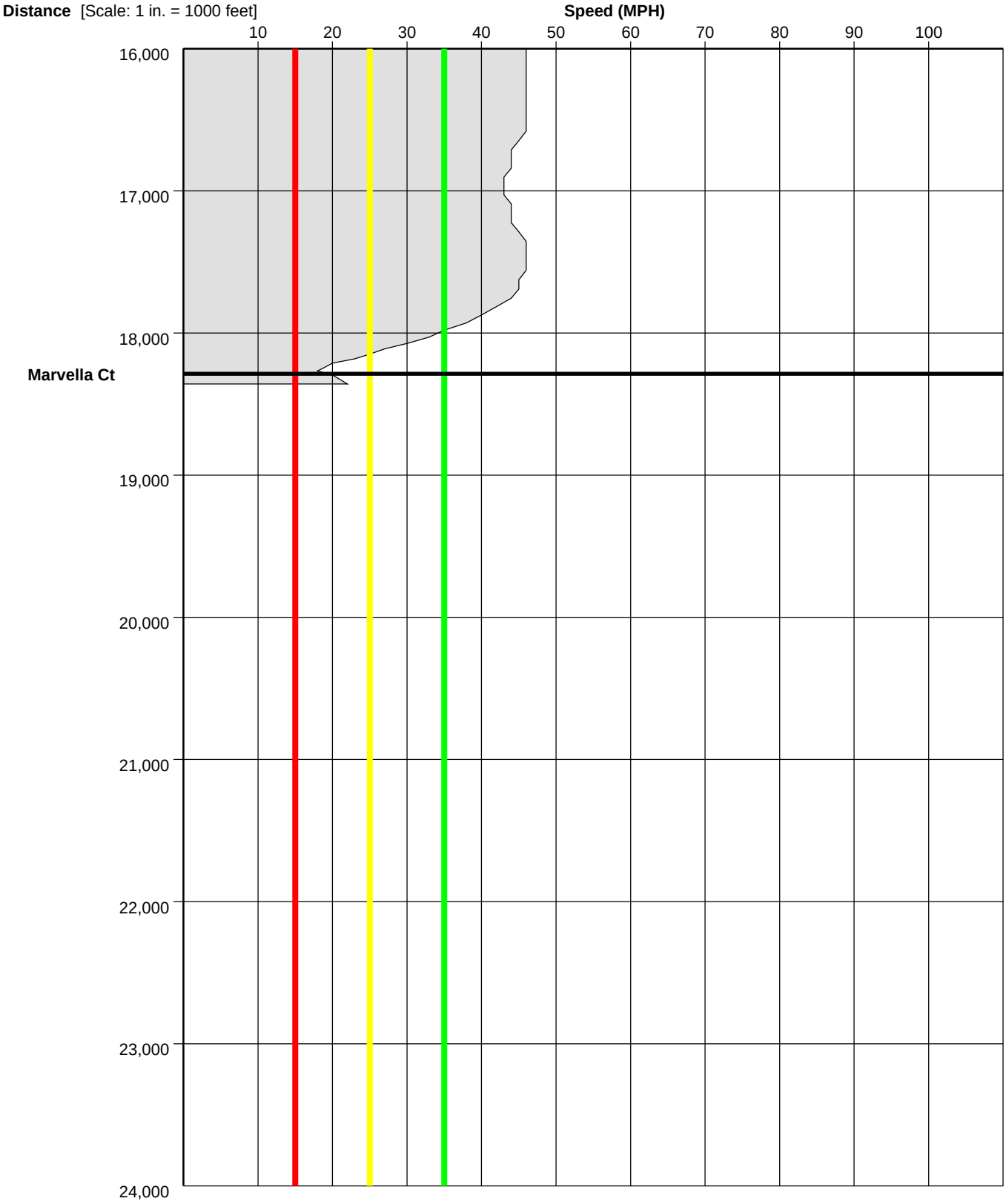
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **18**

Speed Profile

Run : Santa Rosa Road-AM-EB-002 After Start Time: 07:35 (This is an After Run)



NDS

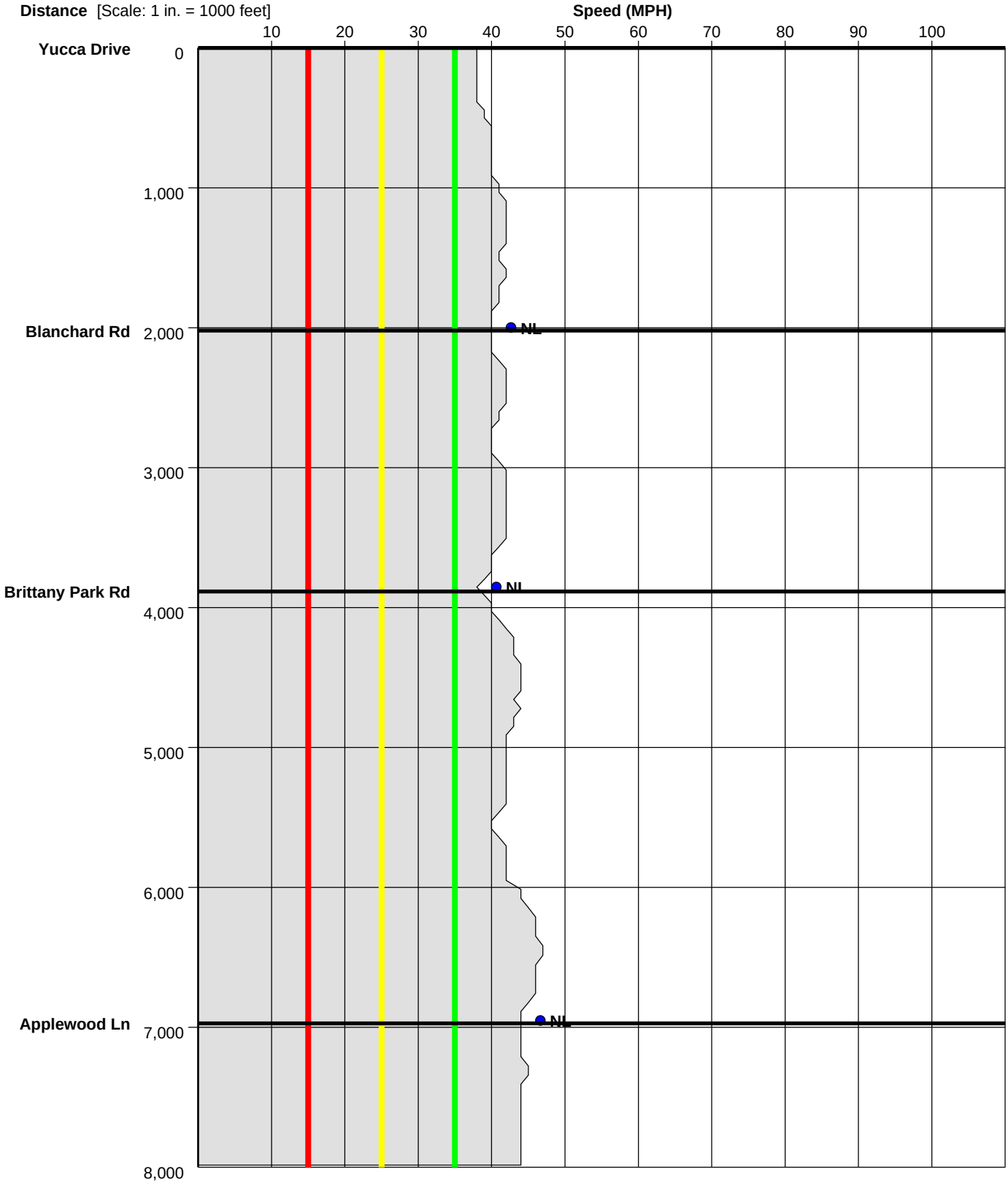
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **19**

Speed Profile

Run : Santa Rosa Road-AM-EB-003 After Start Time: 08:01 (This is an After Run)



NDS

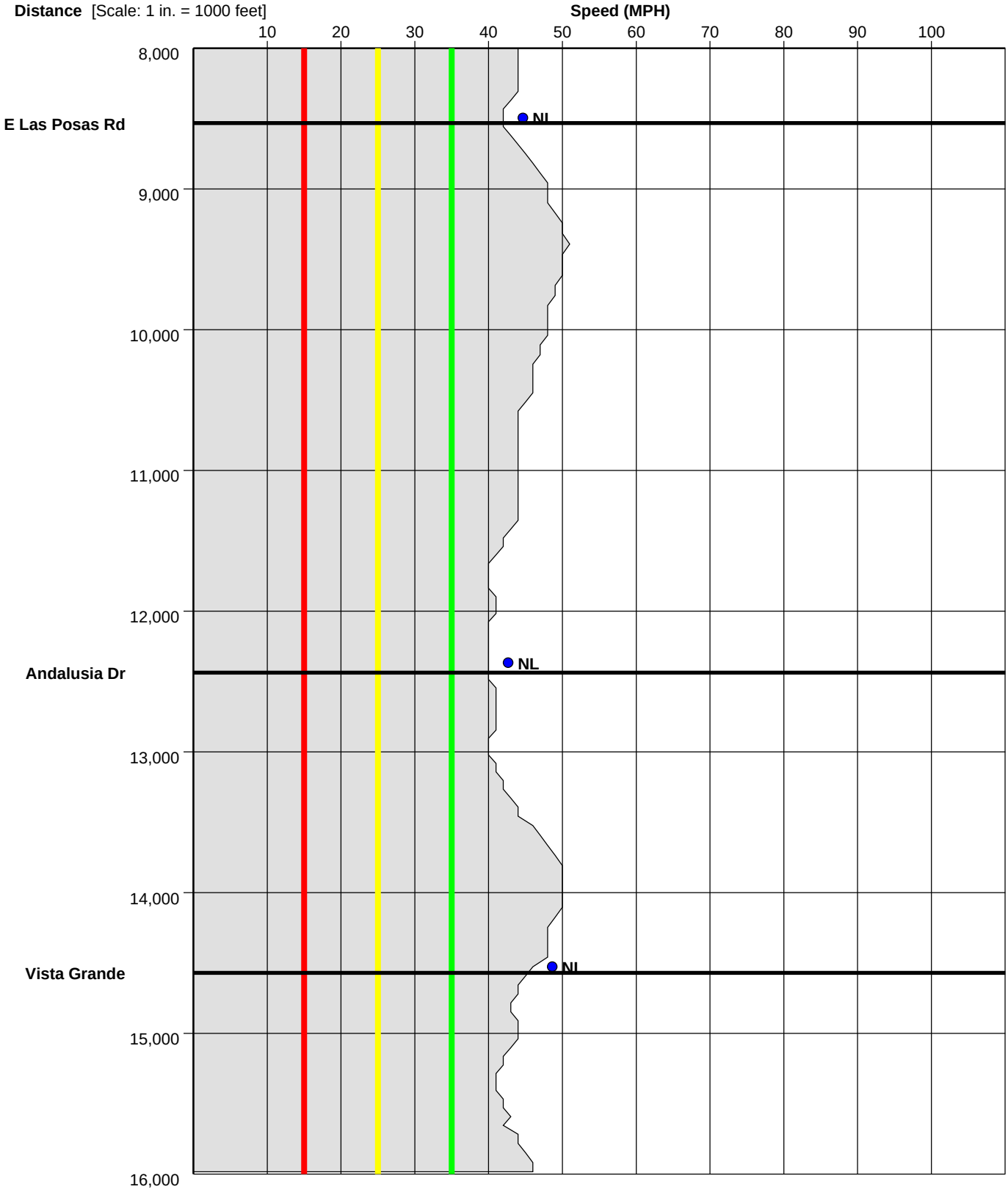
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **20**

Speed Profile

Run : Santa Rosa Road-AM-EB-003 After Start Time: 08:01 (This is an After Run)



NDS

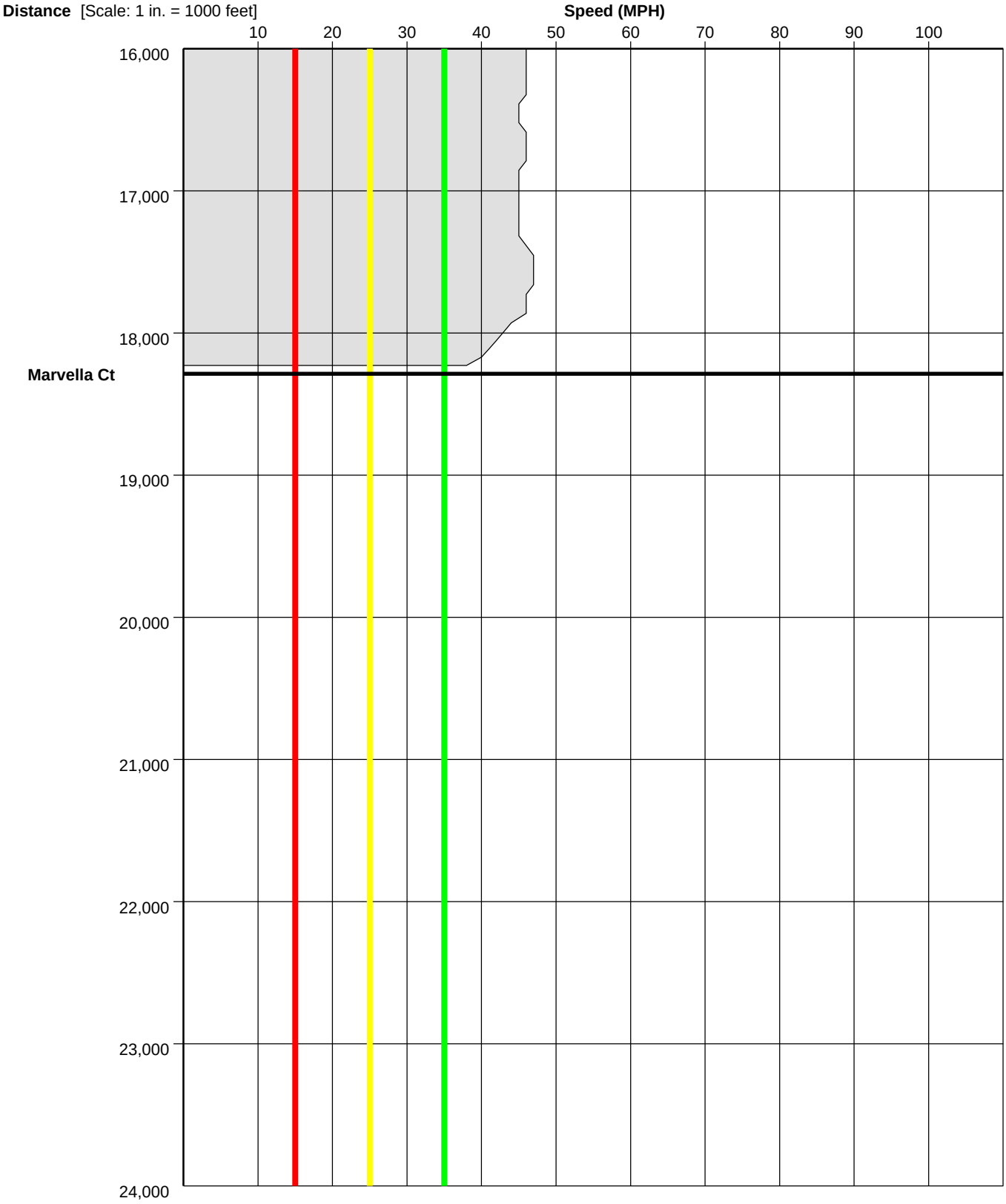
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **21**

Speed Profile

Run : Santa Rosa Road-AM-EB-003 After Start Time: 08:01 (This is an After Run)



NDS

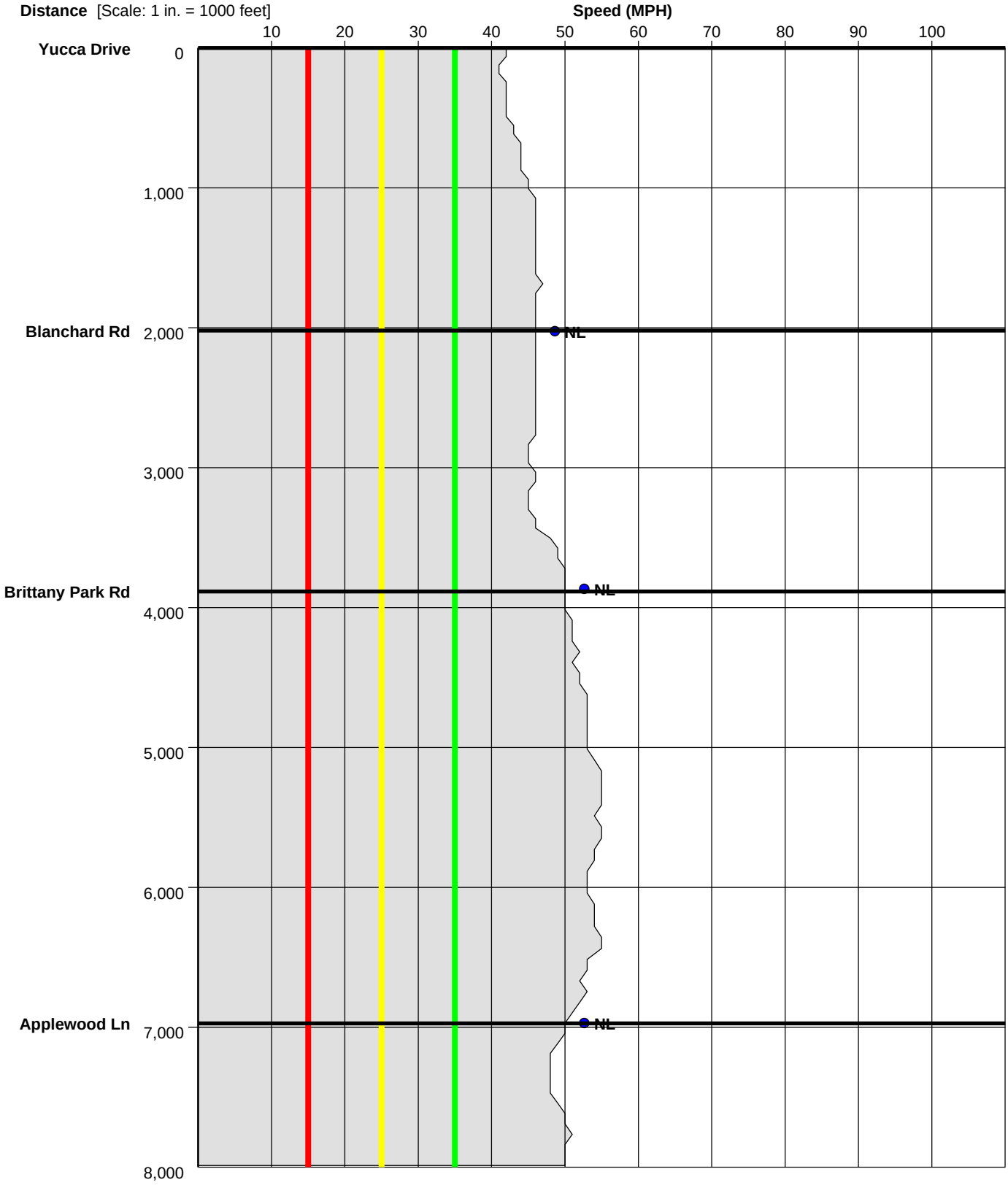
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **22**

Speed Profile

Run : Santa Rosa Road-AM-EB-004 After Start Time: 08:23 (This is an After Run)



NDS

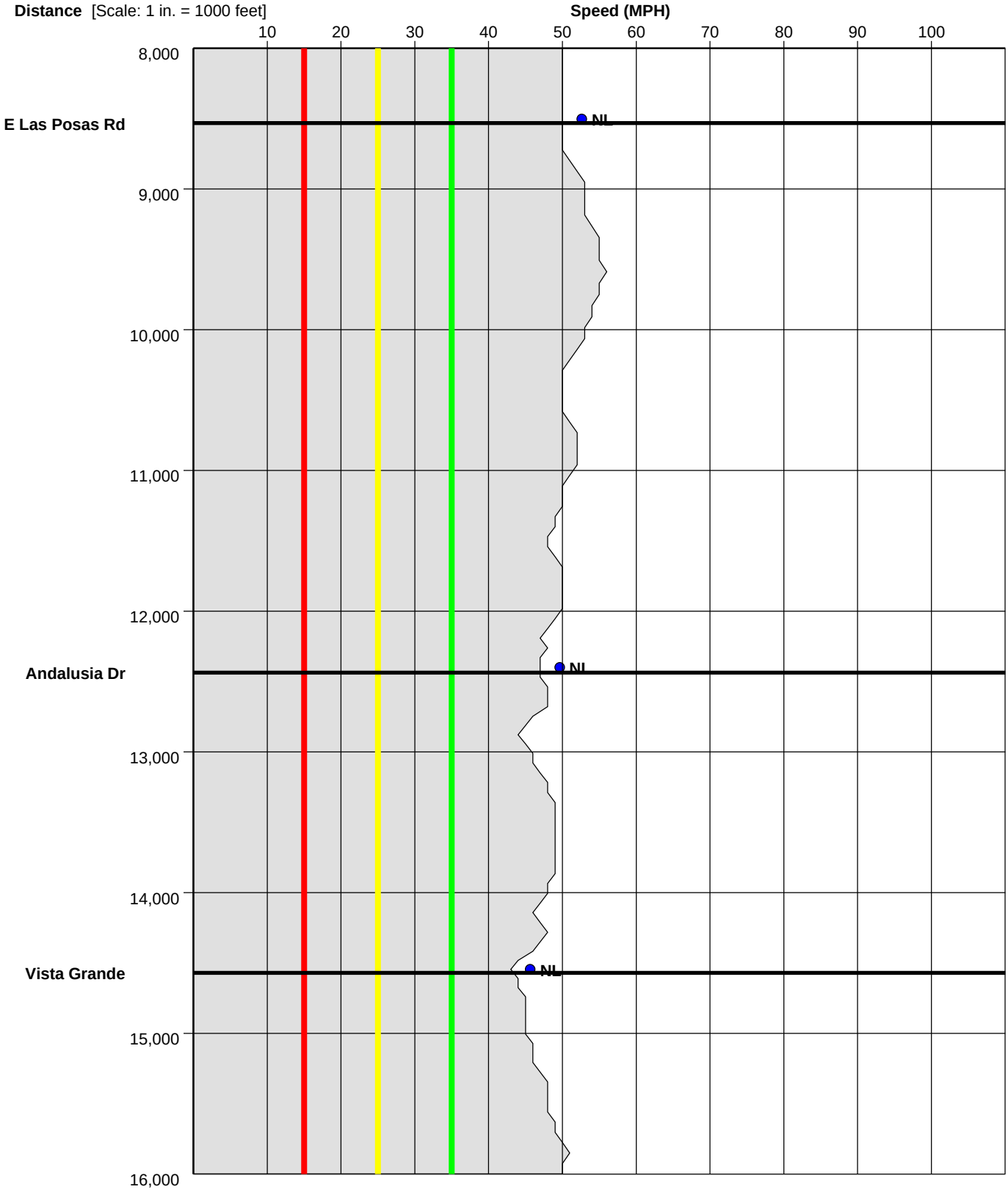
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **23**

Speed Profile

Run : Santa Rosa Road-AM-EB-004 After Start Time: 08:23 (This is an After Run)



NDS

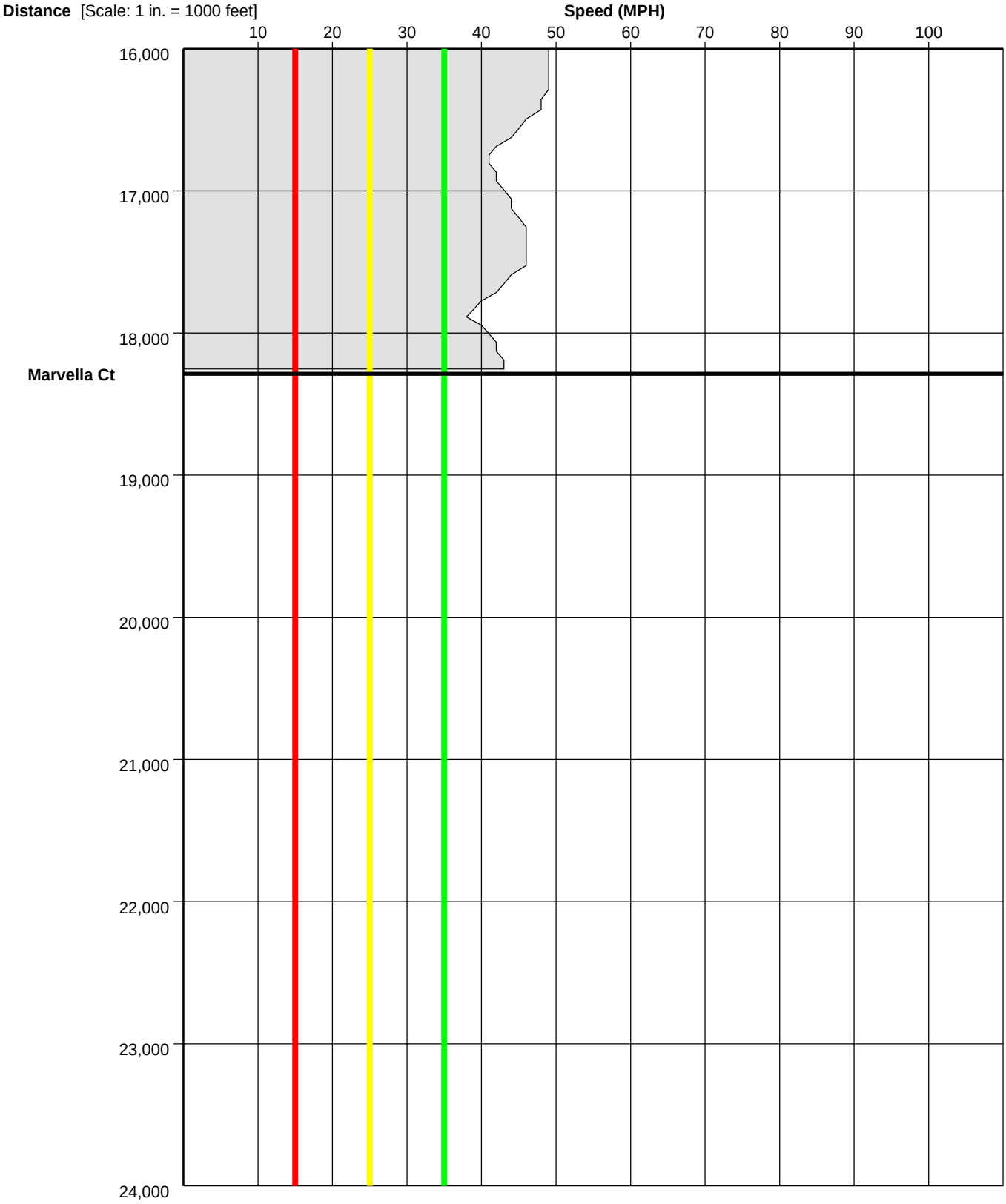
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **24**

Speed Profile

Run : Santa Rosa Road-AM-EB-004 After Start Time: 08:23 (This is an After Run)



NDS

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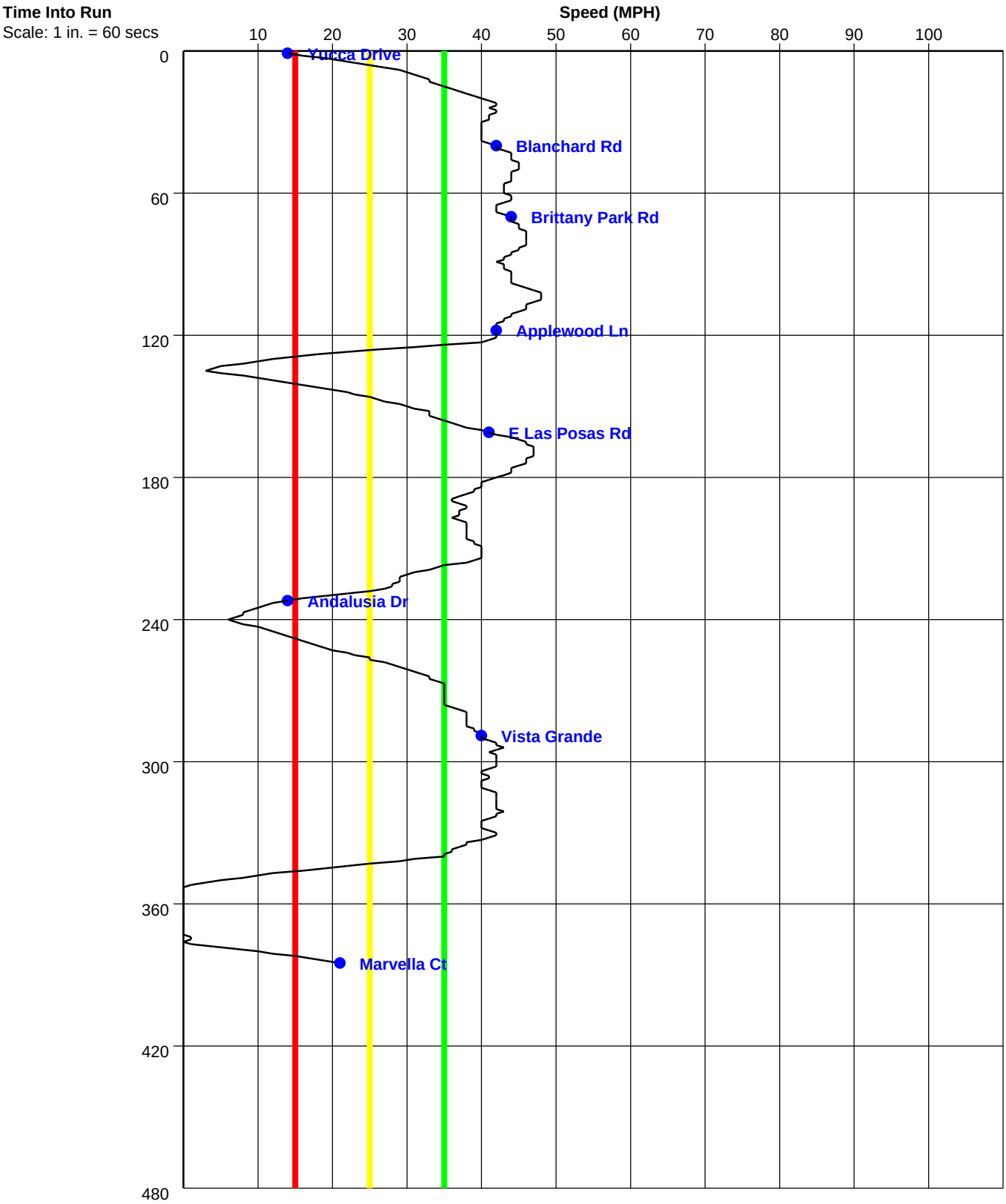
EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **25**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-001 After Start Time:07:00 (This is an After Run)



NDS

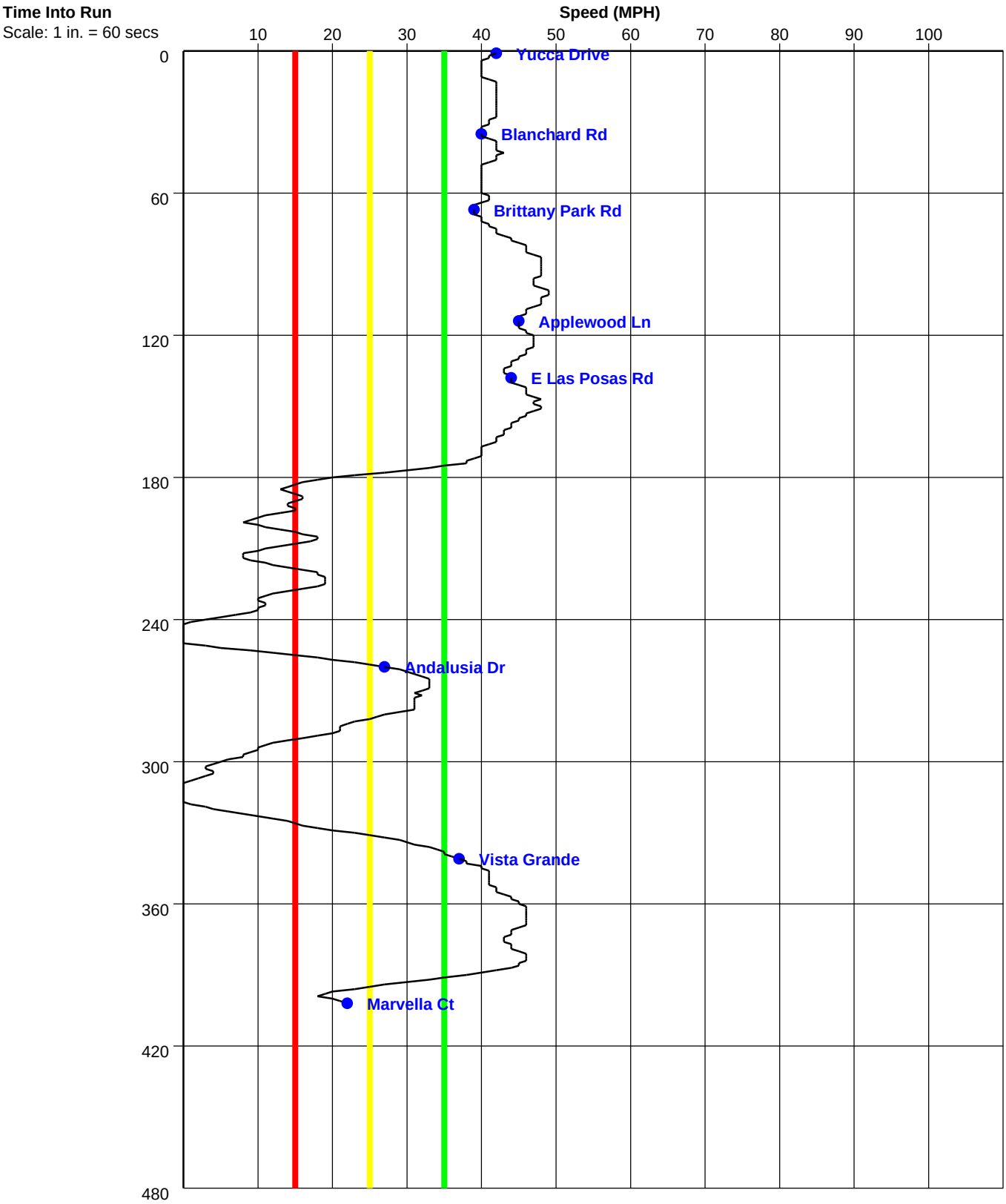
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **26**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-002 After Start Time:07:35 (This is an After Run)



NDS

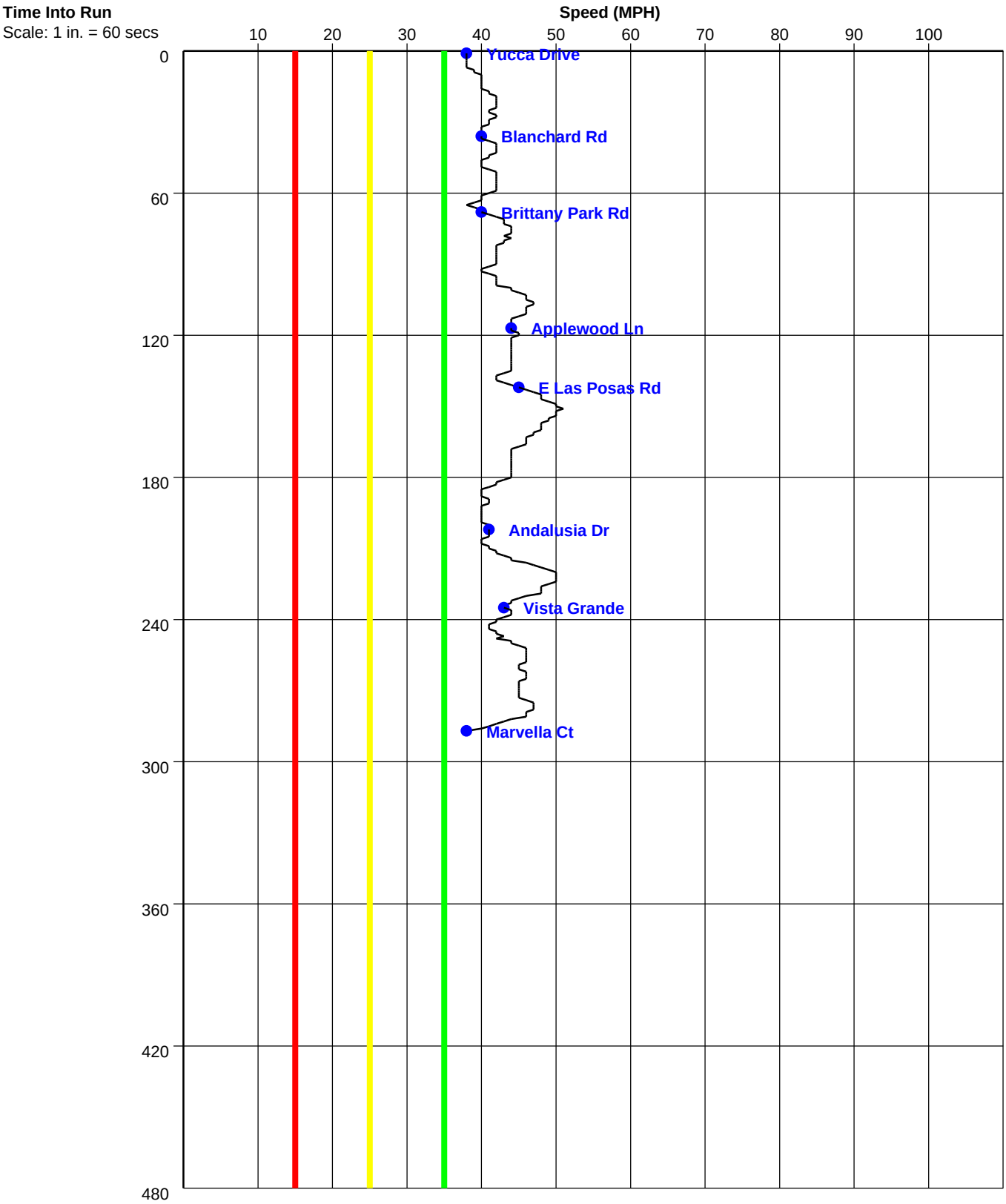
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **27**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-003 After Start Time:08:01 (This is an After Run)



NDS

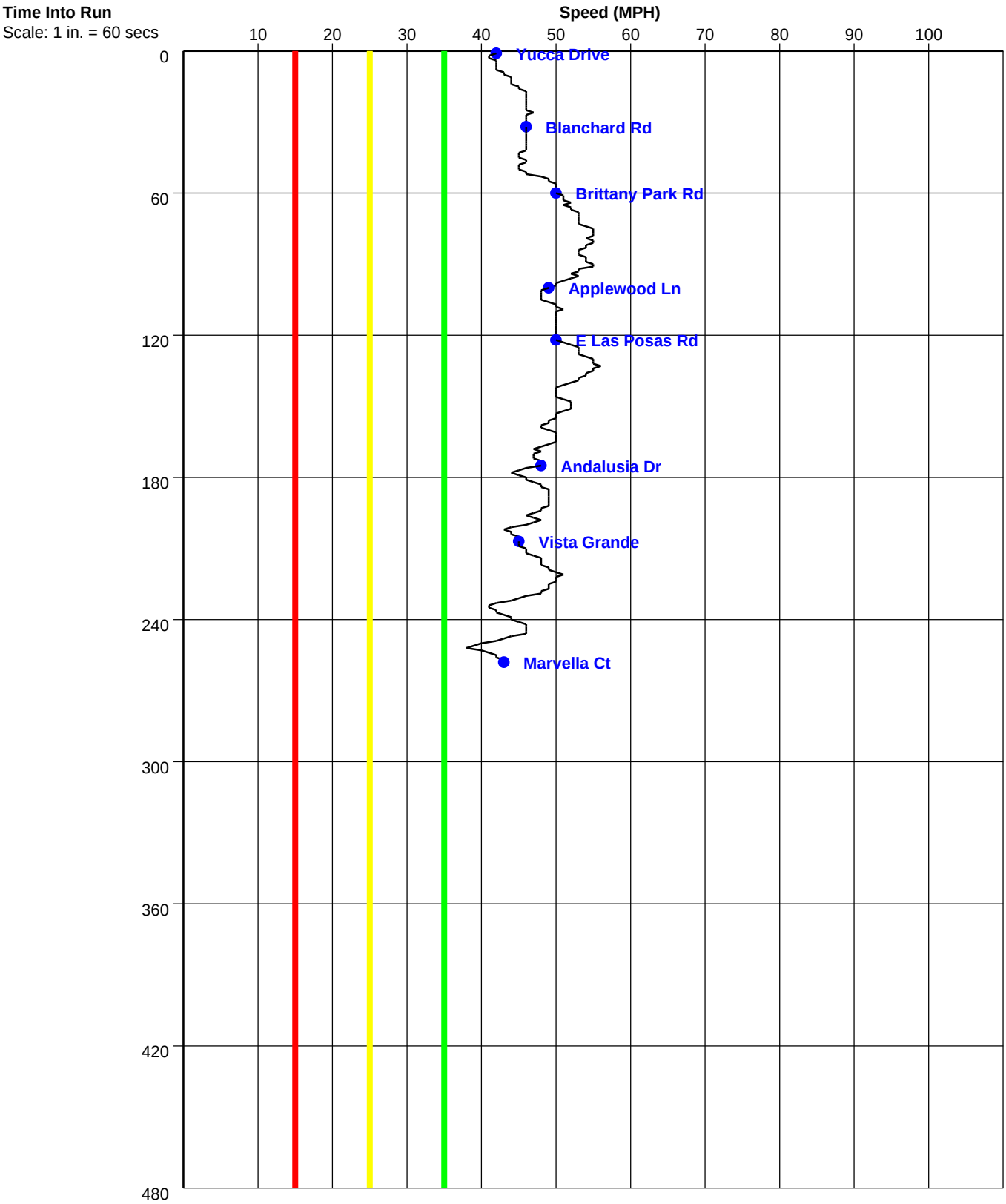
18-5687 AM

EB

Study Name : **18-5687-AM-EB**
Study Date : **10/17/2018**
Page No. : **28**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-EB-004 After Start Time:08:23 (This is an After Run)



PC-Travel Reports for study: 18-5687-AM-WB

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Detailed Statistics By Run - Travel Times	4
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Detailed Statistics By Run - Time <= 15 MPH	8
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Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-001 After	25
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-002 After	26
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-003 After	27
Speed Profile (Time vs Spd) for Santa Rosa Road-AM-WB-004 After	28

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-AM-WB-001 After	10/17/18	07:02	18148	After	Primary
Santa Rosa Road-AM-WB-002 After	10/17/18	07:35	18775	After	Primary
Santa Rosa Road-AM-WB-003 After	10/17/18	08:05	18199	After	Primary
Santa Rosa Road-AM-WB-004 After	10/17/18	08:45	18147	After	Primary

Node Info

#	Len	Name
1	0	Marvella Ct
2	3808	Vista Grande
3	2215	Andalusia Dr
4	3831	E Las Posas Rd
5	1539	Applewood Ln
6	3065	Brittany Park Rd
7	1887	Blanchard Rd
8	1840	Yucca Drive

Length of Study Route = 18,185

Notes:

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Marvella Ct							
2	3808	Vista Grande	79.0	0.3	32.9	31.3	16.8	22.3	28.3
3	2215	Andalusia Dr	31.0	0.0	48.7	3.0	0.0	0.0	0.0
4	3831	E Las Posas Rd	64.0	0.3	40.8	16.3	8.3	12.0	16.3
5	1539	Applewood Ln	33.3	0.3	31.6	13.8	9.0	11.3	13.3
6	3065	Brittany Park Rd	46.3	0.0	45.2	7.8	0.0	0.3	5.0
7	1887	Blanchard Rd	29.8	0.0	43.2	5.8	0.0	0.0	2.8
8	1840	Yucca Drive	58.3	0.5	21.5	35.3	26.3	32.3	36.5
Total	**18,185**		**341.5**	**1.3**	**36.3**	**113.0**	**60.3**	**78.0**	**102.0**

Stats based on 4 AFTER runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	62	128	63	63
3	2215	Andalusia Dr	32	32	29	31
4	3831	E Las Posas Rd	85	73	47	51
5	1539	Applewood Ln	28	63	21	21
6	3065	Brittany Park Rd	49	53	43	40
7	1887	Blanchard Rd	32	27	35	25
8	1840	Yucca Drive	33	27	144	29
Totals	**18185**		**321**	**403**	**382**	**260**

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	0	1	0	0
3	2215	Andalusia Dr	0	0	0	0
4	3831	E Las Posas Rd	1	0	0	0
5	1539	Applewood Ln	0	1	0	0
6	3065	Brittany Park Rd	0	0	0	0
7	1887	Blanchard Rd	0	0	0	0
8	1840	Yucca Drive	0	0	2	0
Totals	**18185**		**1**	**2**	**2**	**0**

Stops based on a Stop Speed of 5 MPH.

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AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	42.0	20.5	41.4	41.7
3	2215	Andalusia Dr	47.9	47.3	52.7	47.9
4	3831	E Las Posas Rd	30.5	35.7	55.1	51.5
5	1539	Applewood Ln	37.4	16.2	51.3	50.3
6	3065	Brittany Park Rd	43.0	40.1	47.9	51.8
7	1887	Blanchard Rd	39.9	47.0	37.3	51.2
8	1840	Yucca Drive	38.0	46.1	8.5	43.0
Totals	**18185**		**38.7**	**30.8**	**32.5**	**47.7**

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
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Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	15	80	15	15
3	2215	Andalusia Dr	4	4	1	3
4	3831	E Las Posas Rd	37	25	0	3
5	1539	Applewood Ln	9	44	1	1
6	3065	Brittany Park Rd	10	14	5	2
7	1887	Blanchard Rd	8	3	11	1
8	1840	Yucca Drive	10	4	121	6
Totals	**18185**		**93**	**174**	**154**	**31**

Total Delay based on a Normal Speed of 55 MPH.

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
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Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	2	64	1	0
3	2215	Andalusia Dr	0	0	0	0
4	3831	E Las Posas Rd	26	7	0	0
5	1539	Applewood Ln	0	36	0	0
6	3065	Brittany Park Rd	0	0	0	0
7	1887	Blanchard Rd	0	0	0	0
8	1840	Yucca Drive	0	0	105	0
Totals	**18185**		**28**	**107**	**106**	**0**

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
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Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	5	70	10	4
3	2215	Andalusia Dr	0	0	0	0
4	3831	E Las Posas Rd	32	16	0	0
5	1539	Applewood Ln	0	45	0	0
6	3065	Brittany Park Rd	0	1	0	0
7	1887	Blanchard Rd	0	0	0	0
8	1840	Yucca Drive	0	0	129	0
Totals	**18185**		**37**	**132**	**139**	**4**

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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **10**

Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-AM-WB-001 After)	Run #2 (Santa Rosa Road-AM-WB-002 After)	Run #3 (Santa Rosa Road-AM-WB-003 After)	Run #4 (Santa Rosa Road-AM-WB-004 After)
1	0	Marvella Ct				
2	3808	Vista Grande	10	81	14	8
3	2215	Andalusia Dr	0	0	0	0
4	3831	E Las Posas Rd	36	29	0	0
5	1539	Applewood Ln	5	48	0	0
6	3065	Brittany Park Rd	0	20	0	0
7	1887	Blanchard Rd	0	0	11	0
8	1840	Yucca Drive	9	0	137	0
Totals	**18185**		**60**	**178**	**162**	**8**

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AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
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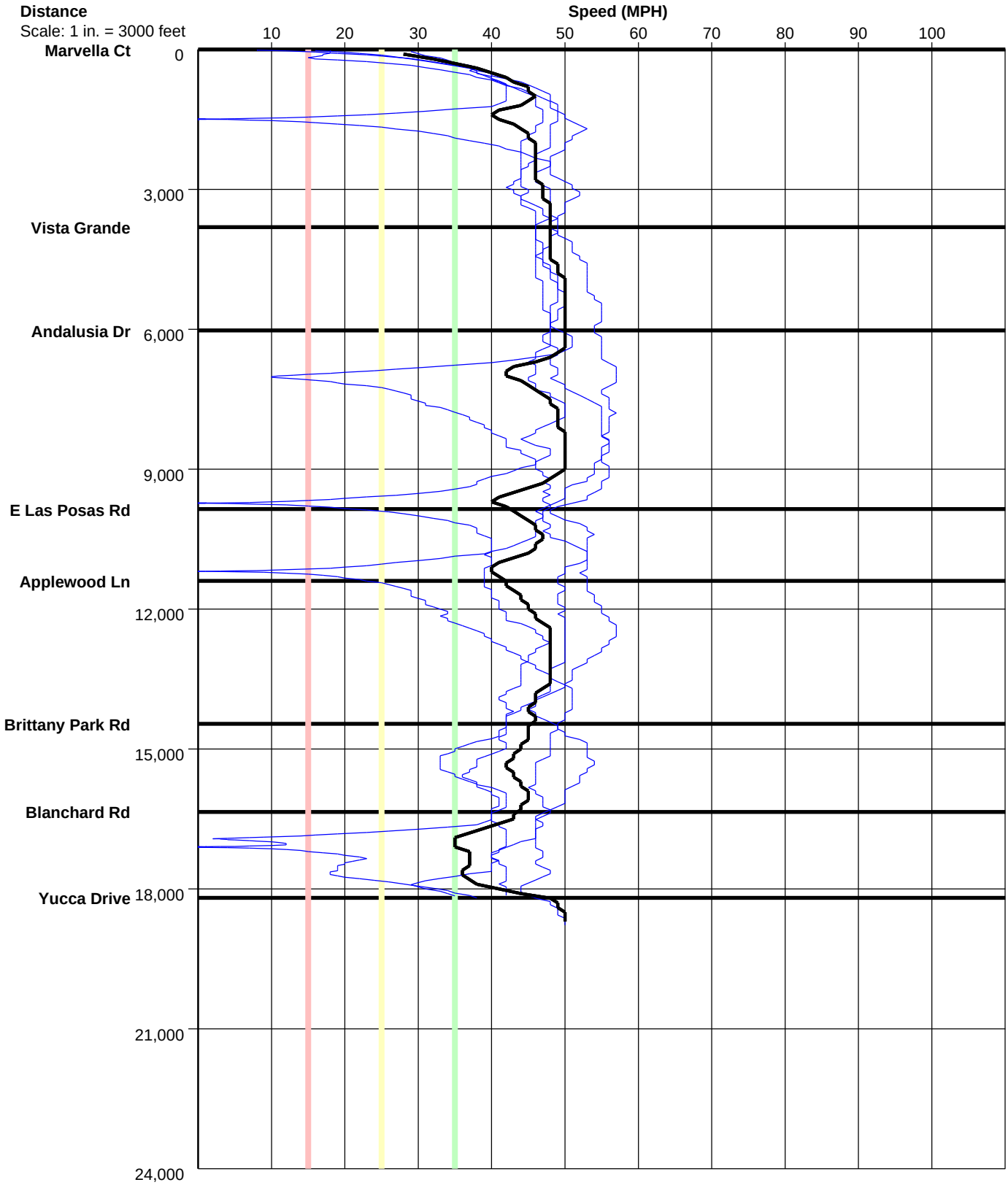
Speed/Distance Profiles of All Runs



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Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
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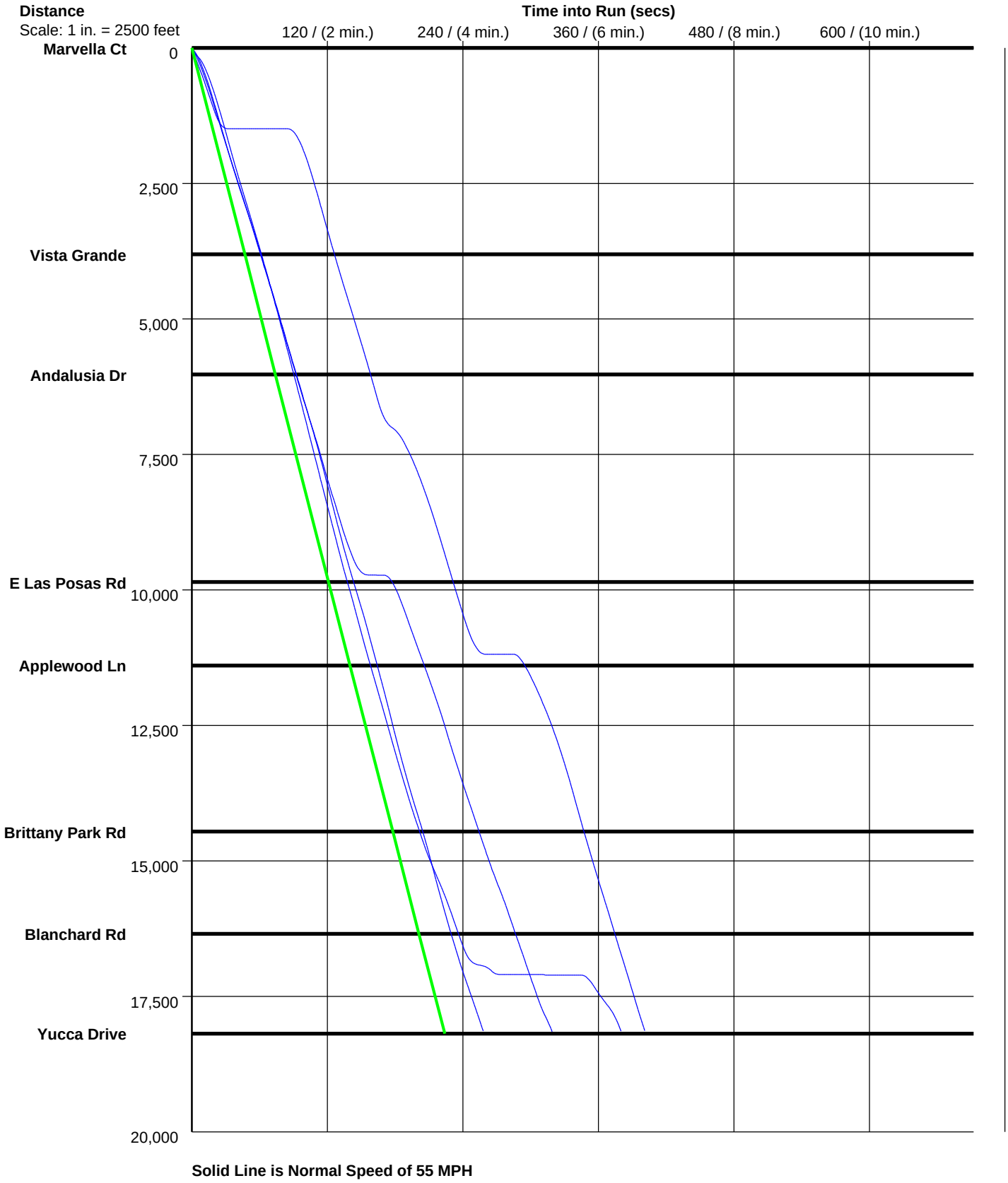
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

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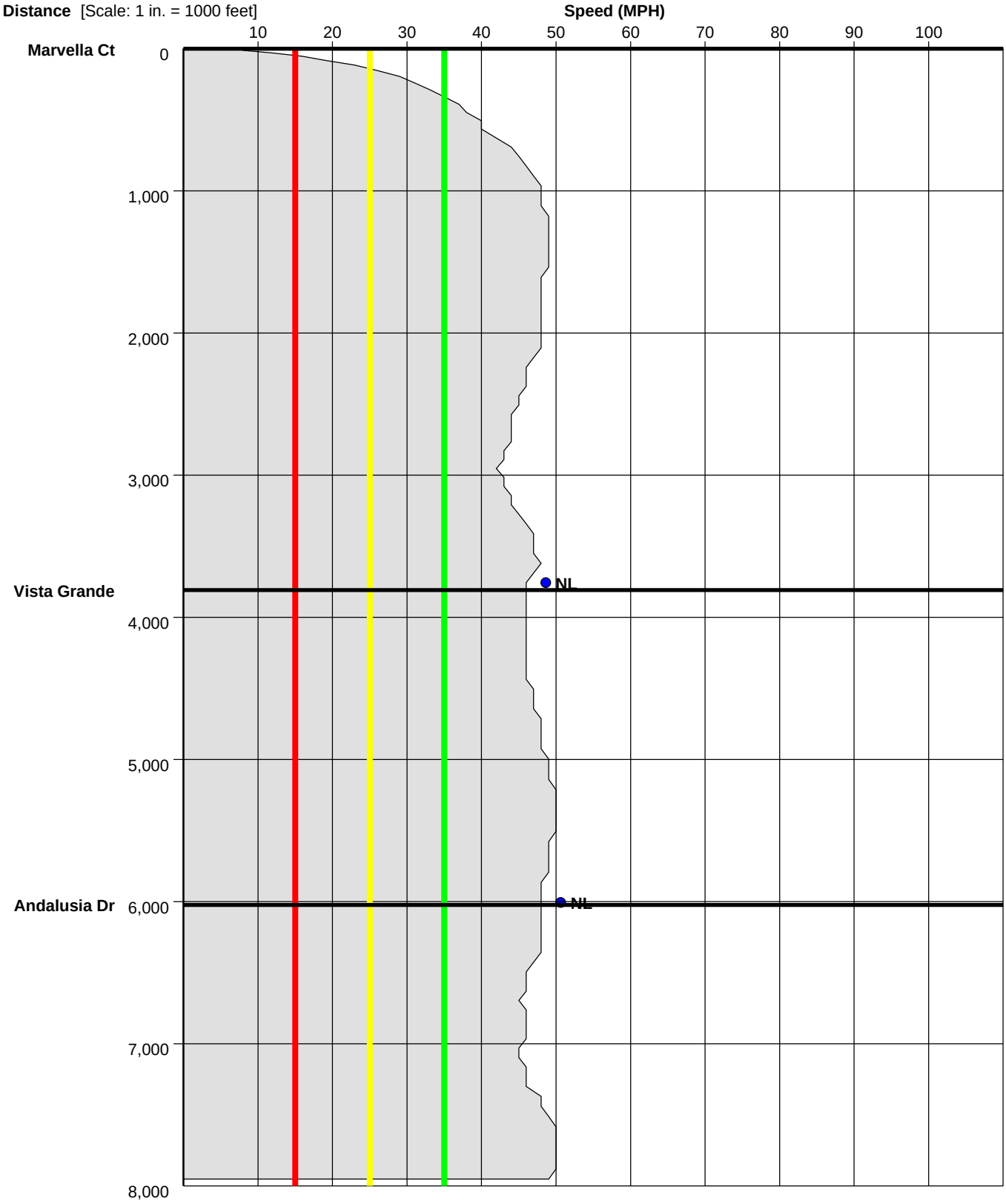
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **13**

Speed Profile

Run : Santa Rosa Road-AM-WB-001 After Start Time: 07:02 (This is an After Run)



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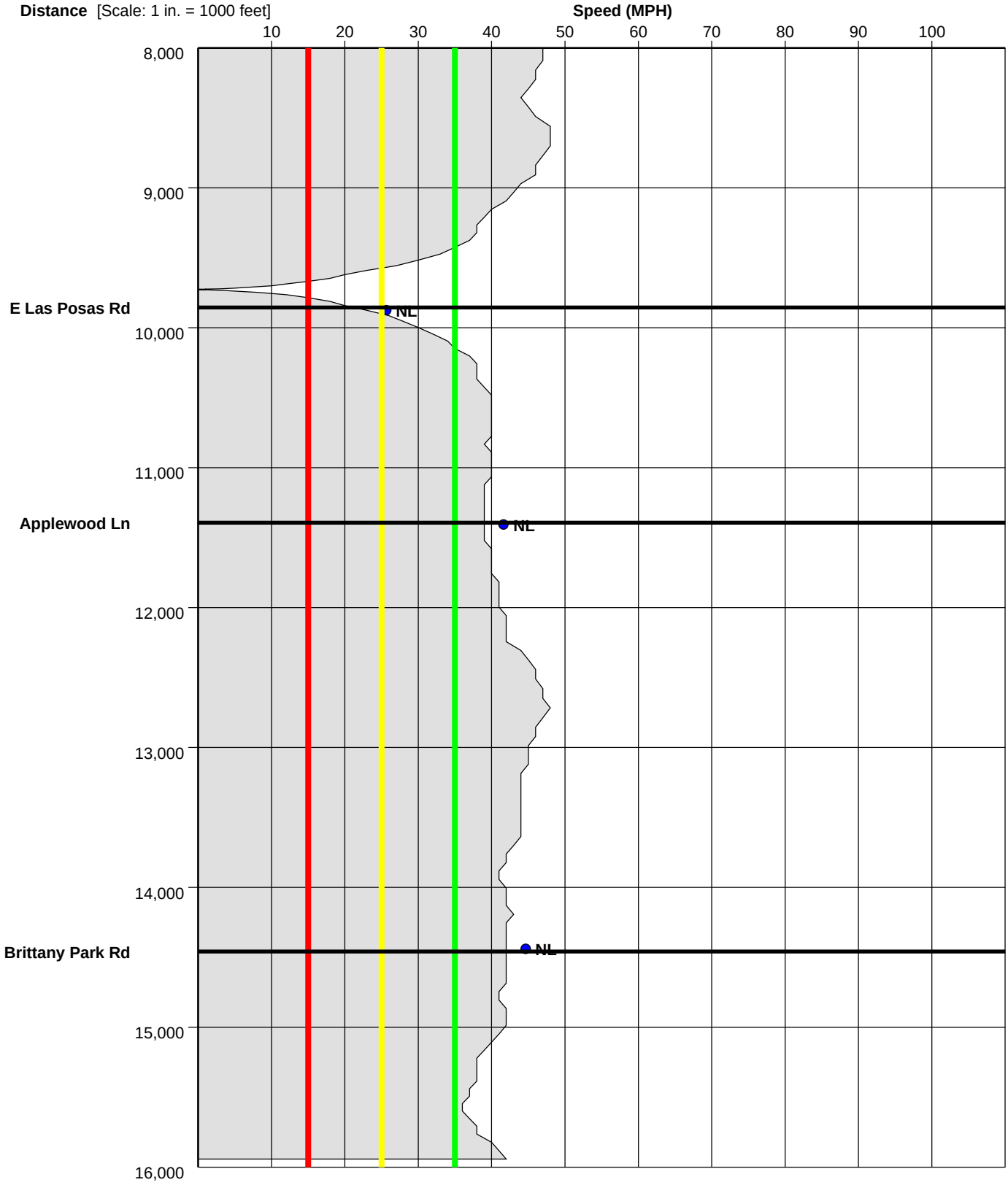
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **14**

Speed Profile

Run : Santa Rosa Road-AM-WB-001 After Start Time: 07:02 (This is an After Run)



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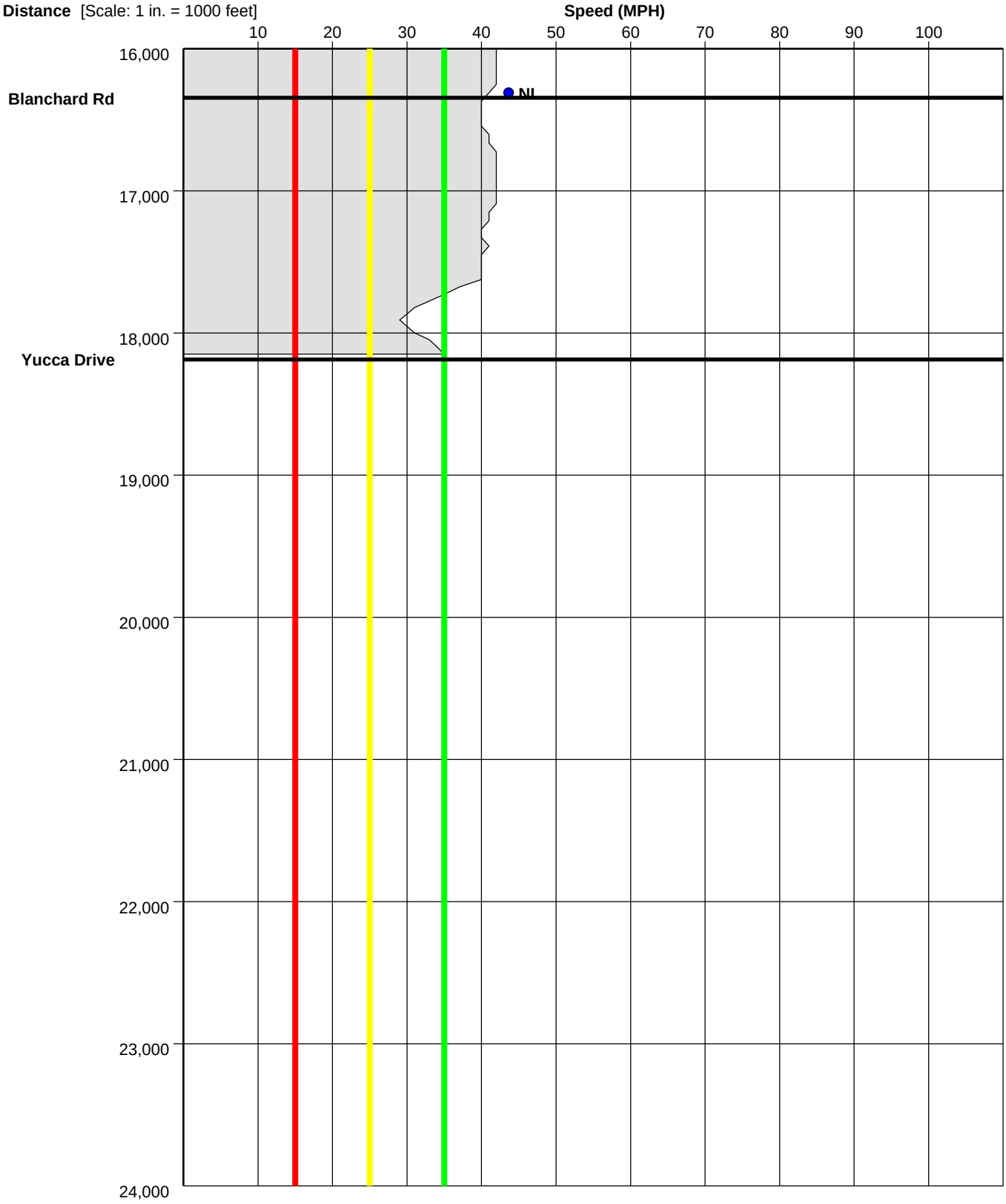
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **15**

Speed Profile

Run : Santa Rosa Road-AM-WB-001 After Start Time: 07:02 (This is an After Run)

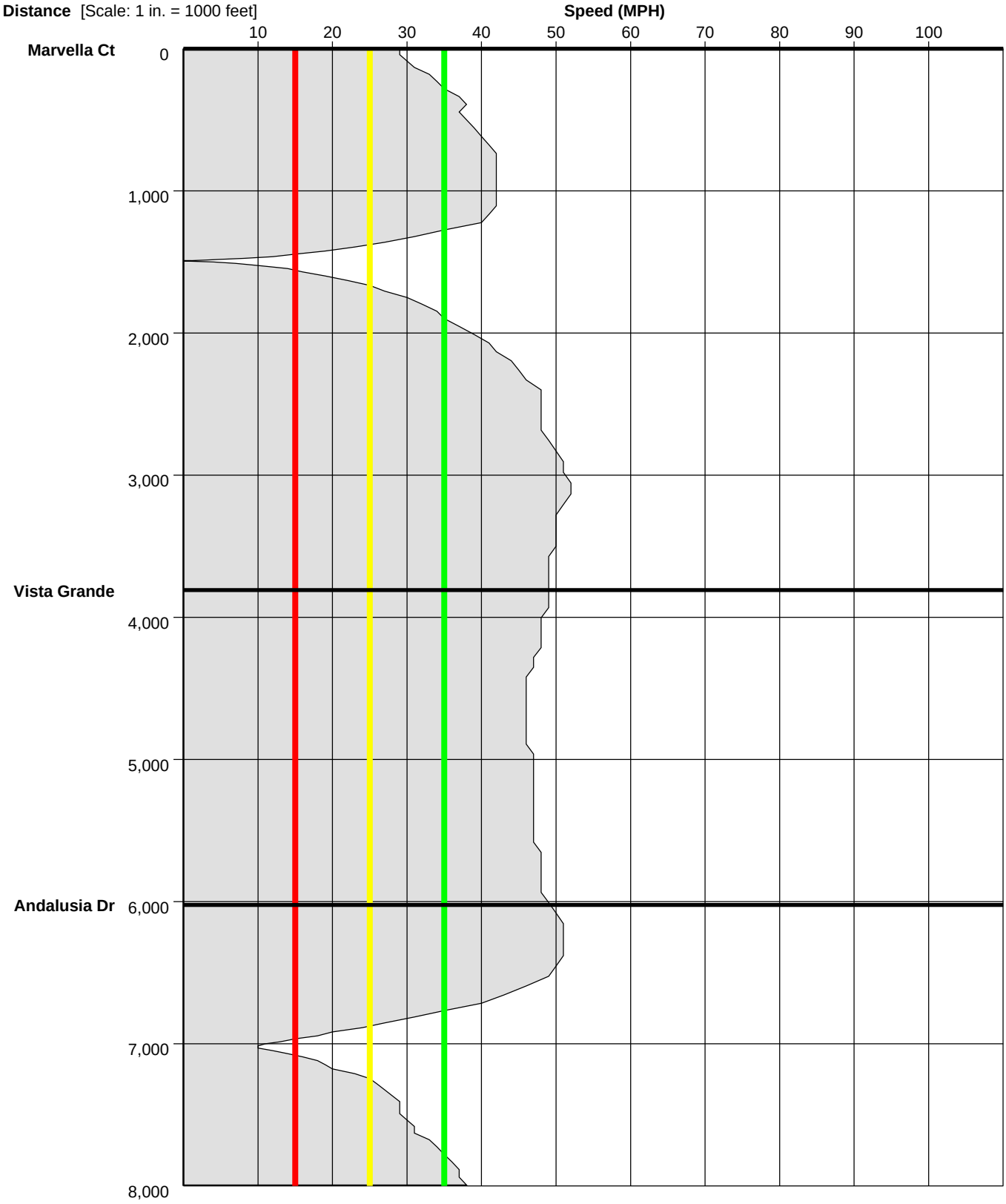


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **16**

Speed Profile

Run : Santa Rosa Road-AM-WB-002 After Start Time: 07:35 (This is an After Run)

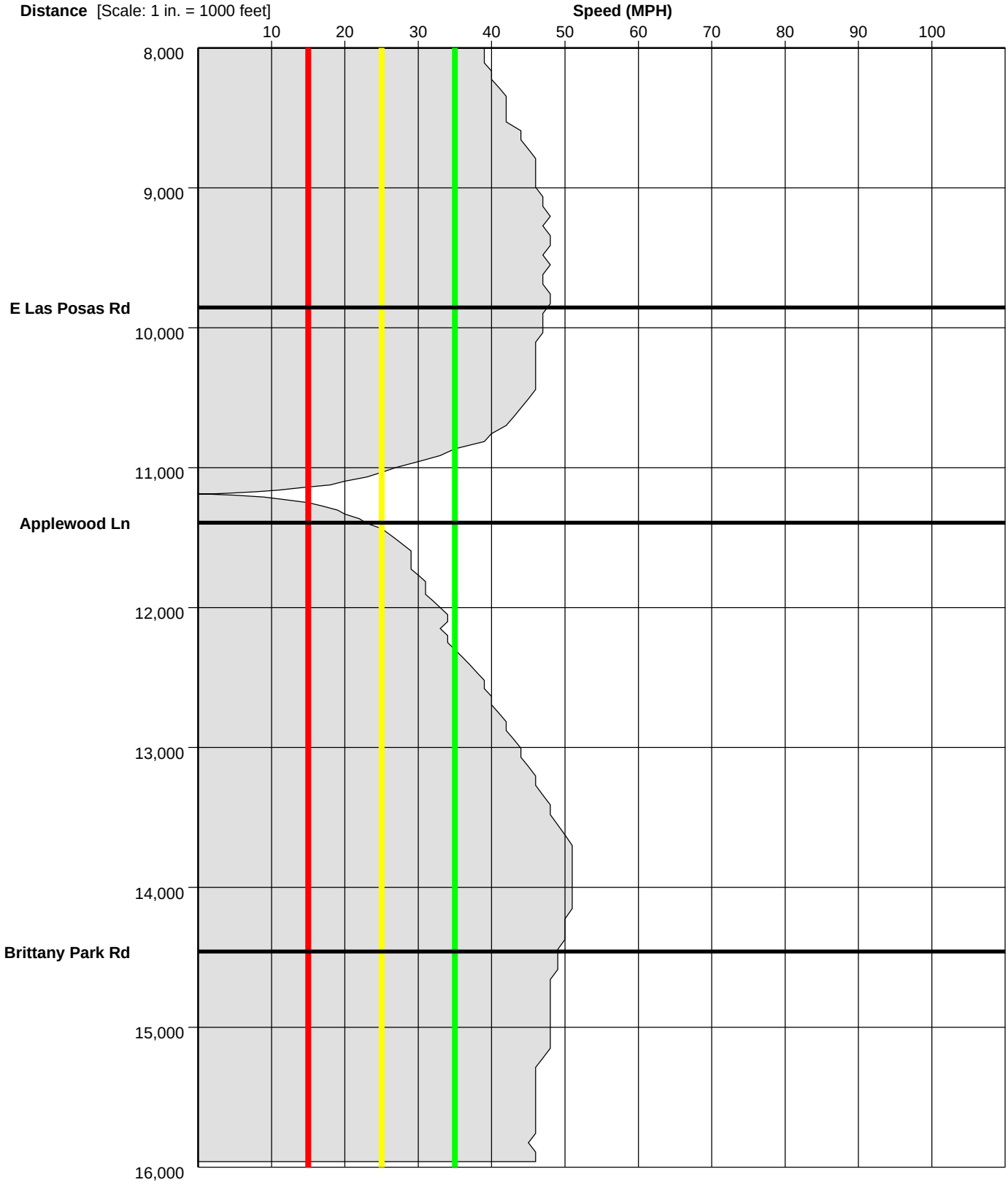


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **17**

Speed Profile

Run : Santa Rosa Road-AM-WB-002 After Start Time: 07:35 (This is an After Run)

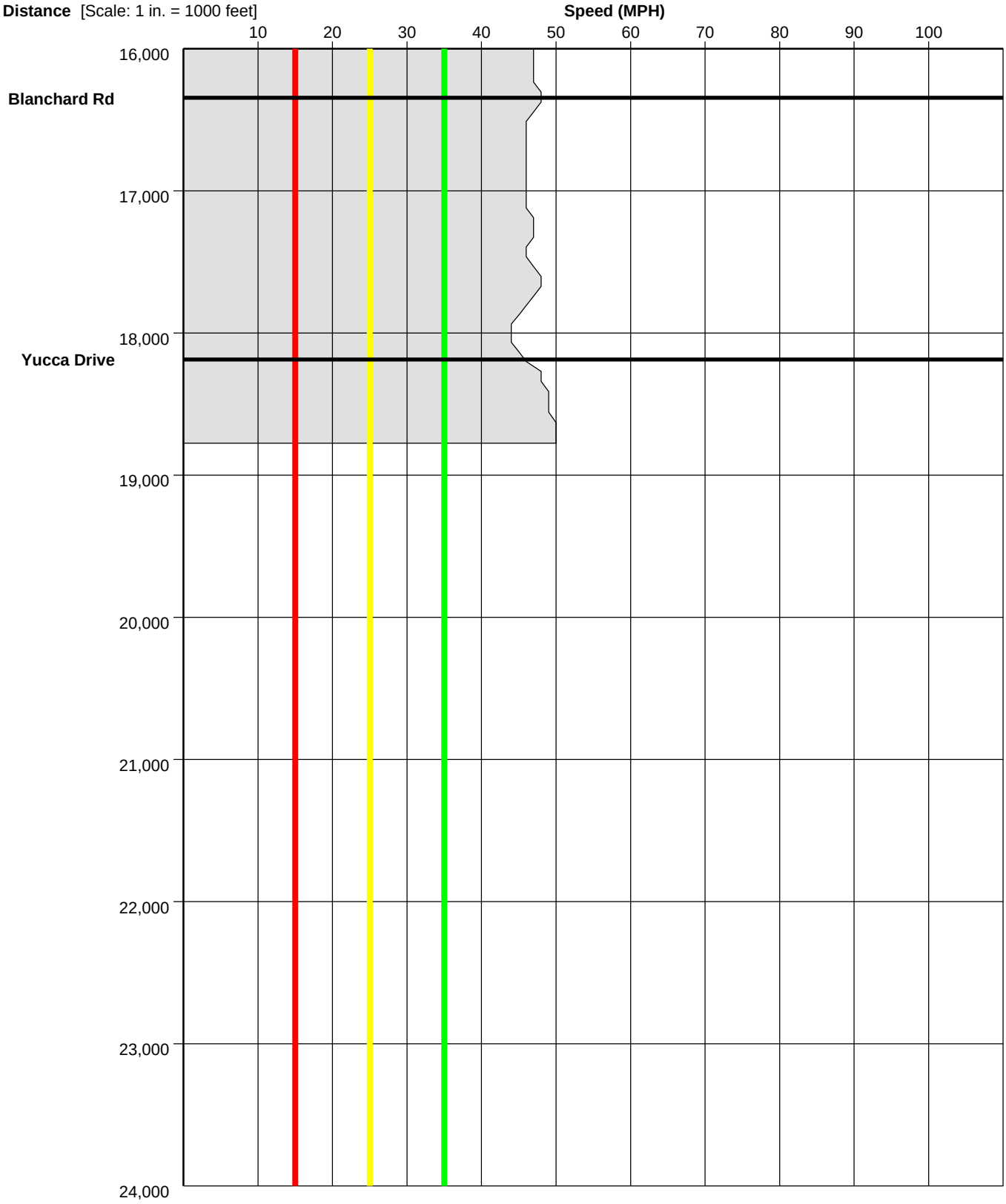


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **18**

Speed Profile

Run : Santa Rosa Road-AM-WB-002 After Start Time: 07:35 (This is an After Run)



NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **19**

Speed Profile

Run : Santa Rosa Road-AM-WB-003 After Start Time: 08:05 (This is an After Run)

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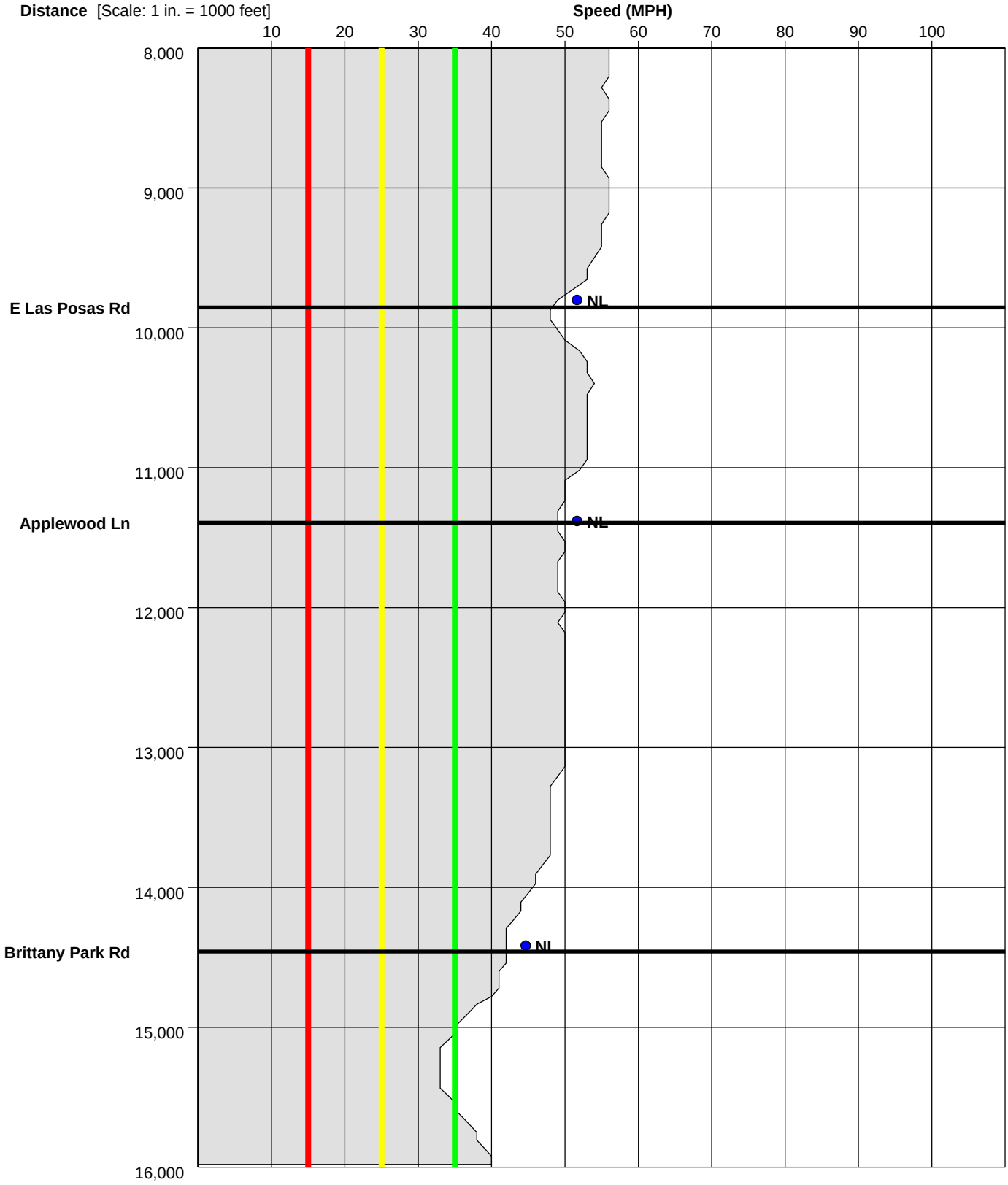
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **20**

Speed Profile

Run : Santa Rosa Road-AM-WB-003 After Start Time: 08:05 (This is an After Run)

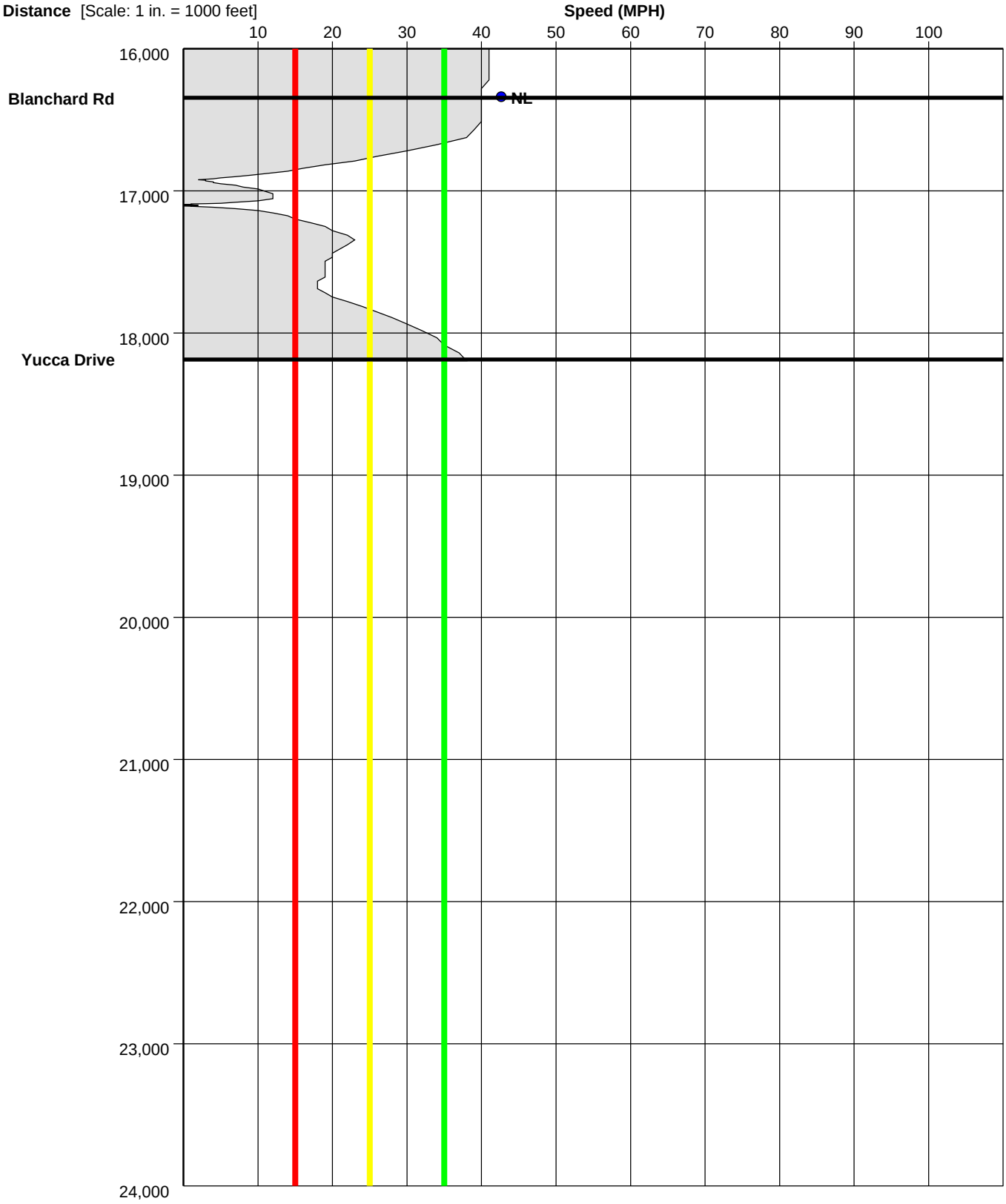


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **21**

Speed Profile

Run : Santa Rosa Road-AM-WB-003 After Start Time: 08:05 (This is an After Run)

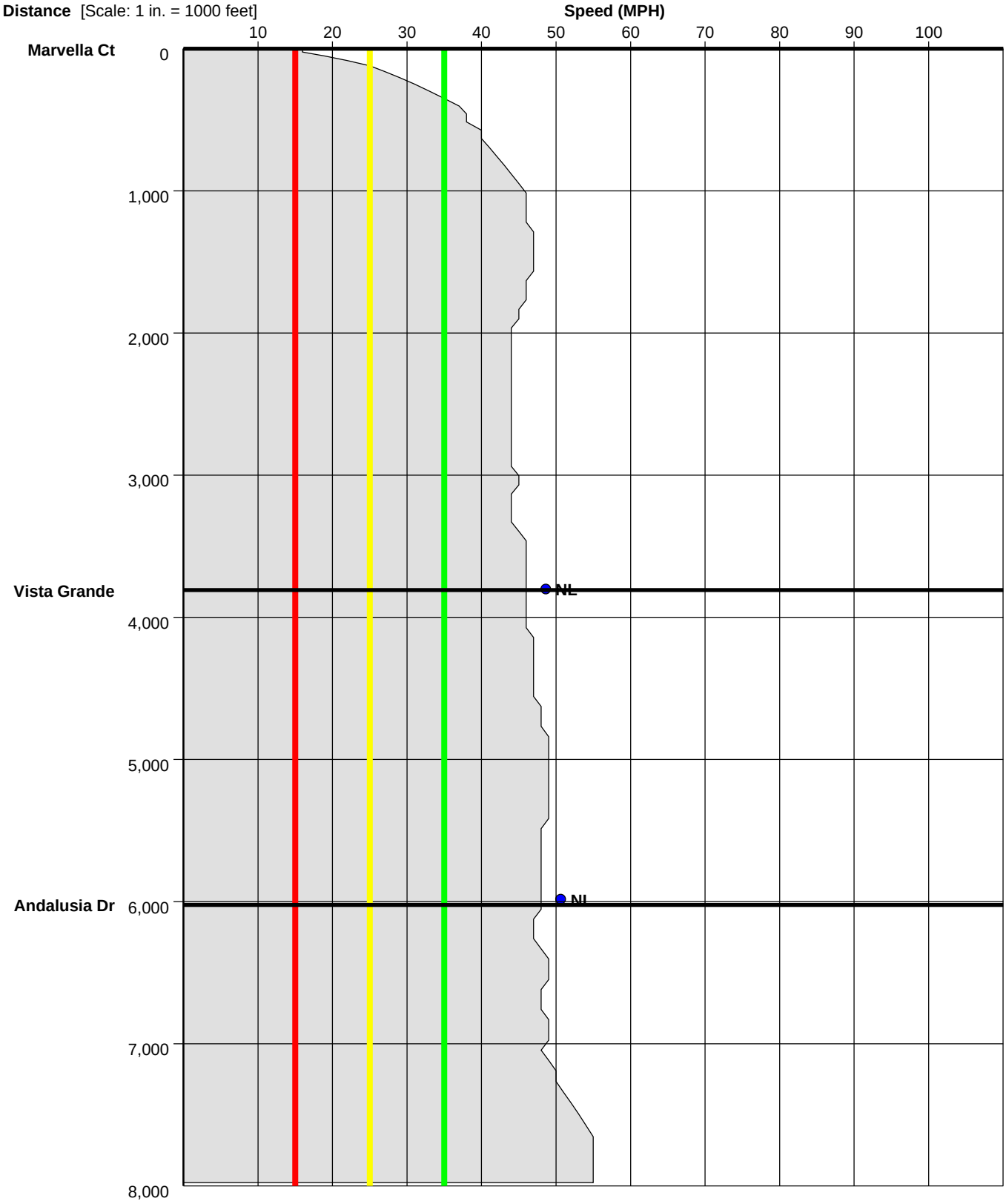


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **22**

Speed Profile

Run : Santa Rosa Road-AM-WB-004 After Start Time: 08:45 (This is an After Run)

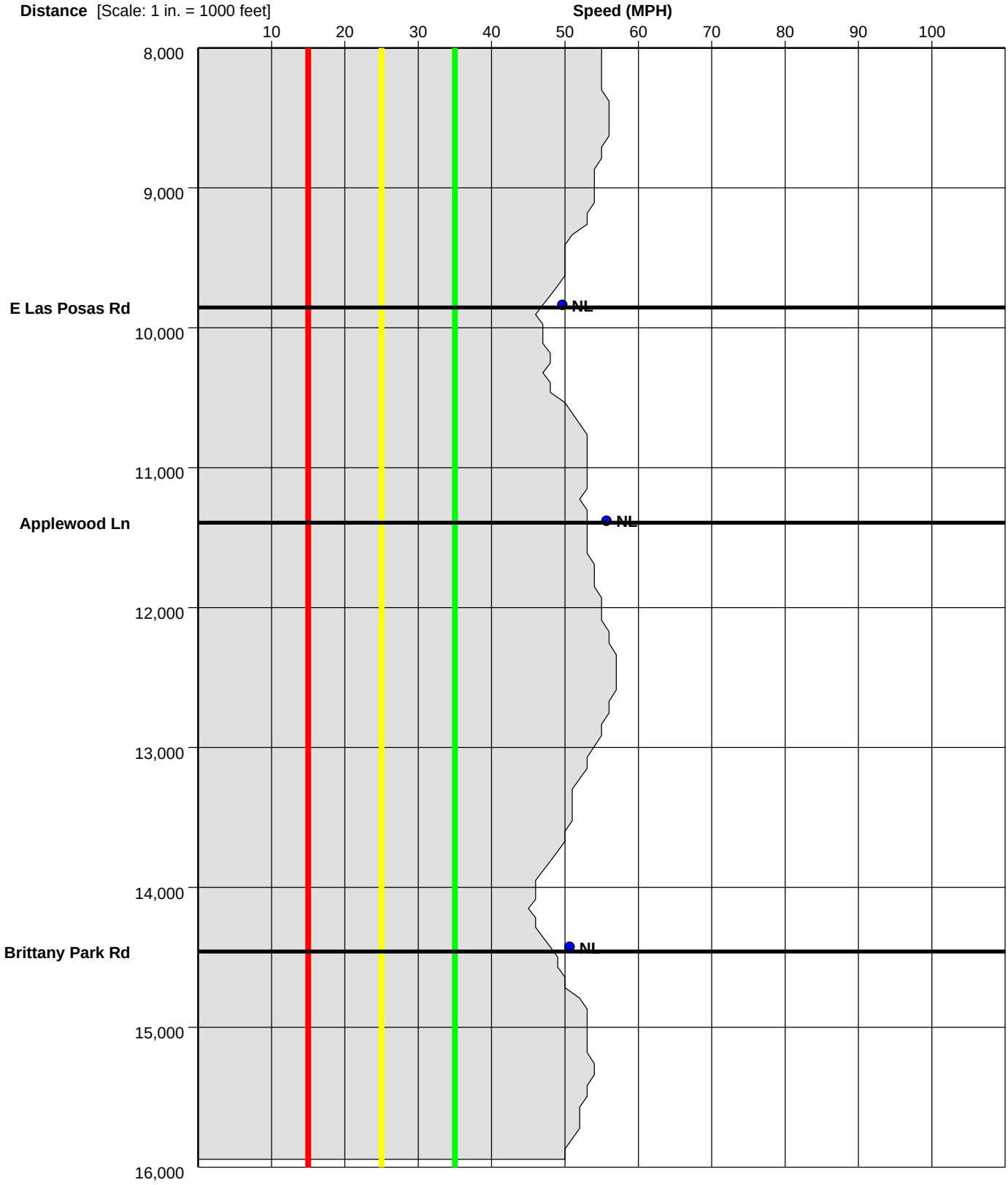


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **23**

Speed Profile

Run : Santa Rosa Road-AM-WB-004 After Start Time: 08:45 (This is an After Run)

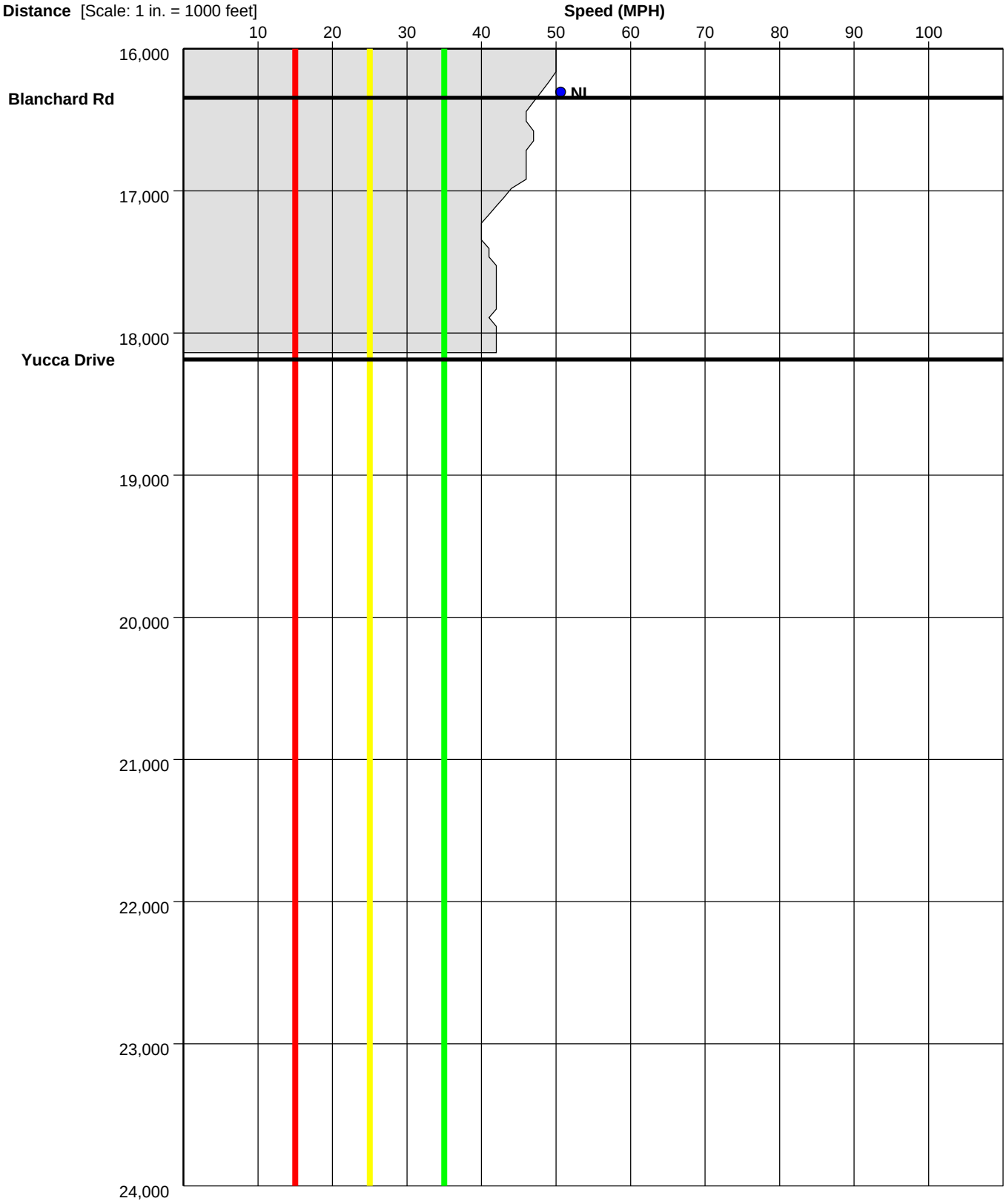


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **24**

Speed Profile

Run : Santa Rosa Road-AM-WB-004 After Start Time: 08:45 (This is an After Run)



NDS

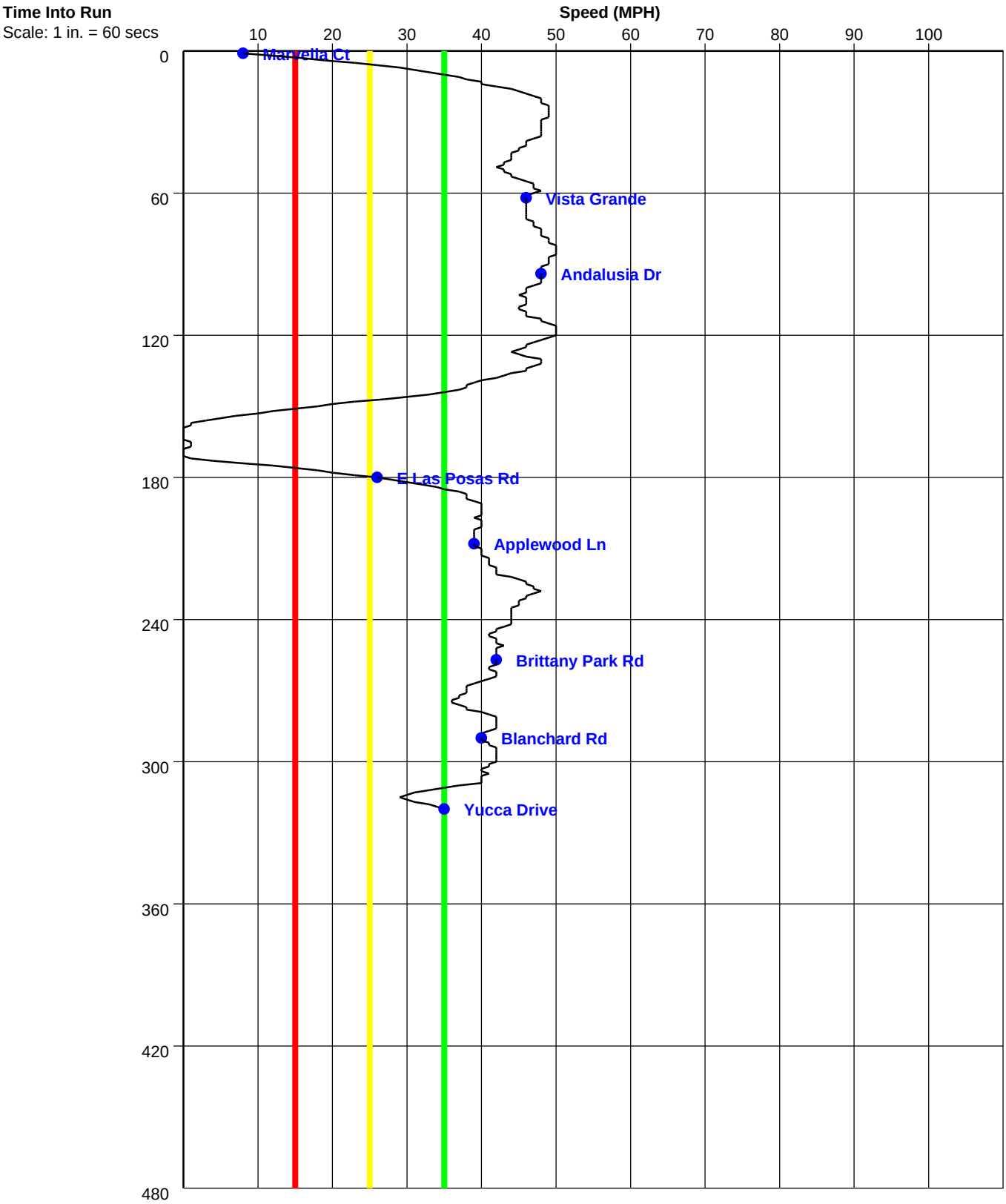
18-5687

AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **25**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-001 After Start Time:07:02 (This is an After Run)



NDS

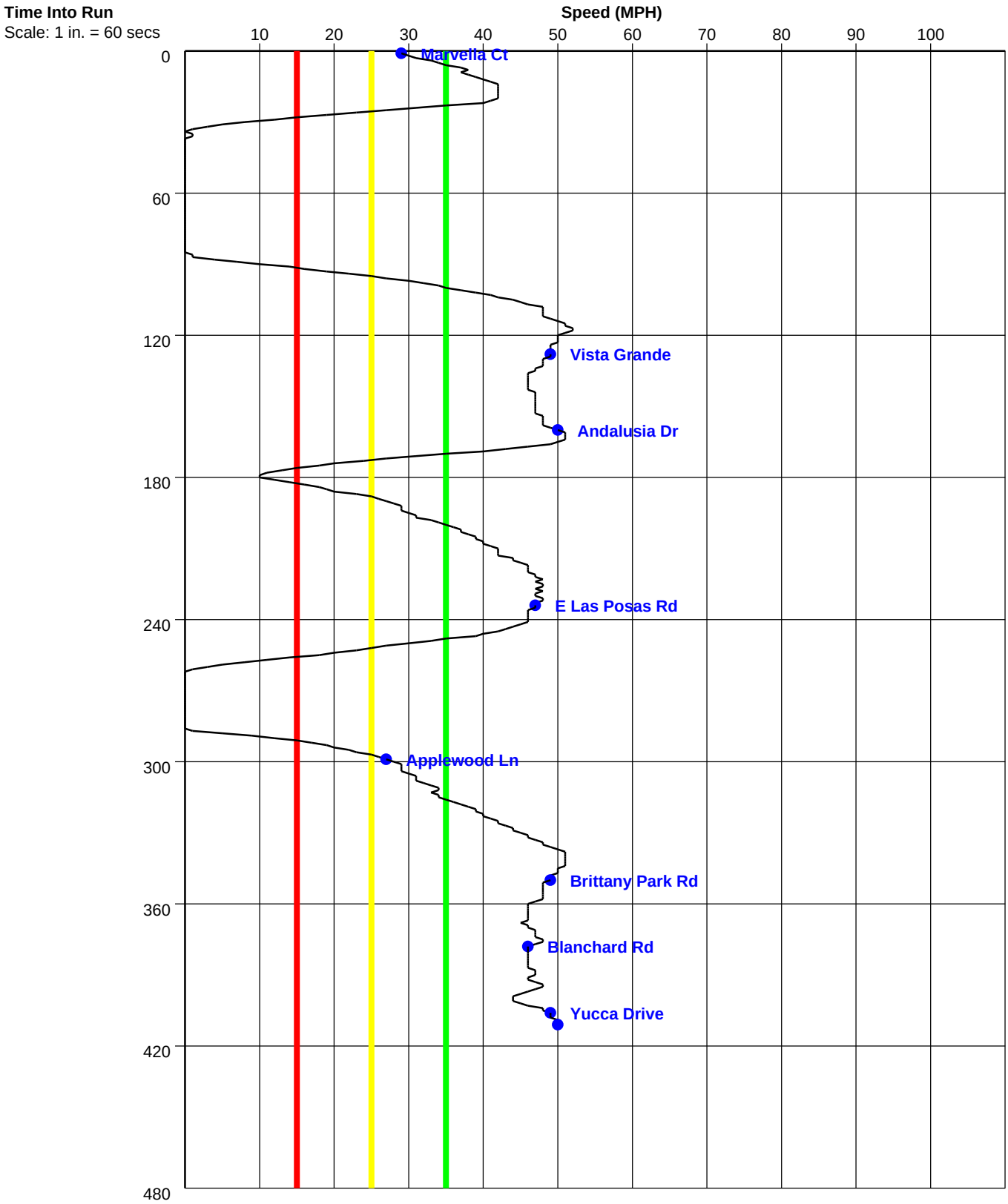
18-5687

AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **26**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-002 After Start Time:07:35 (This is an After Run)

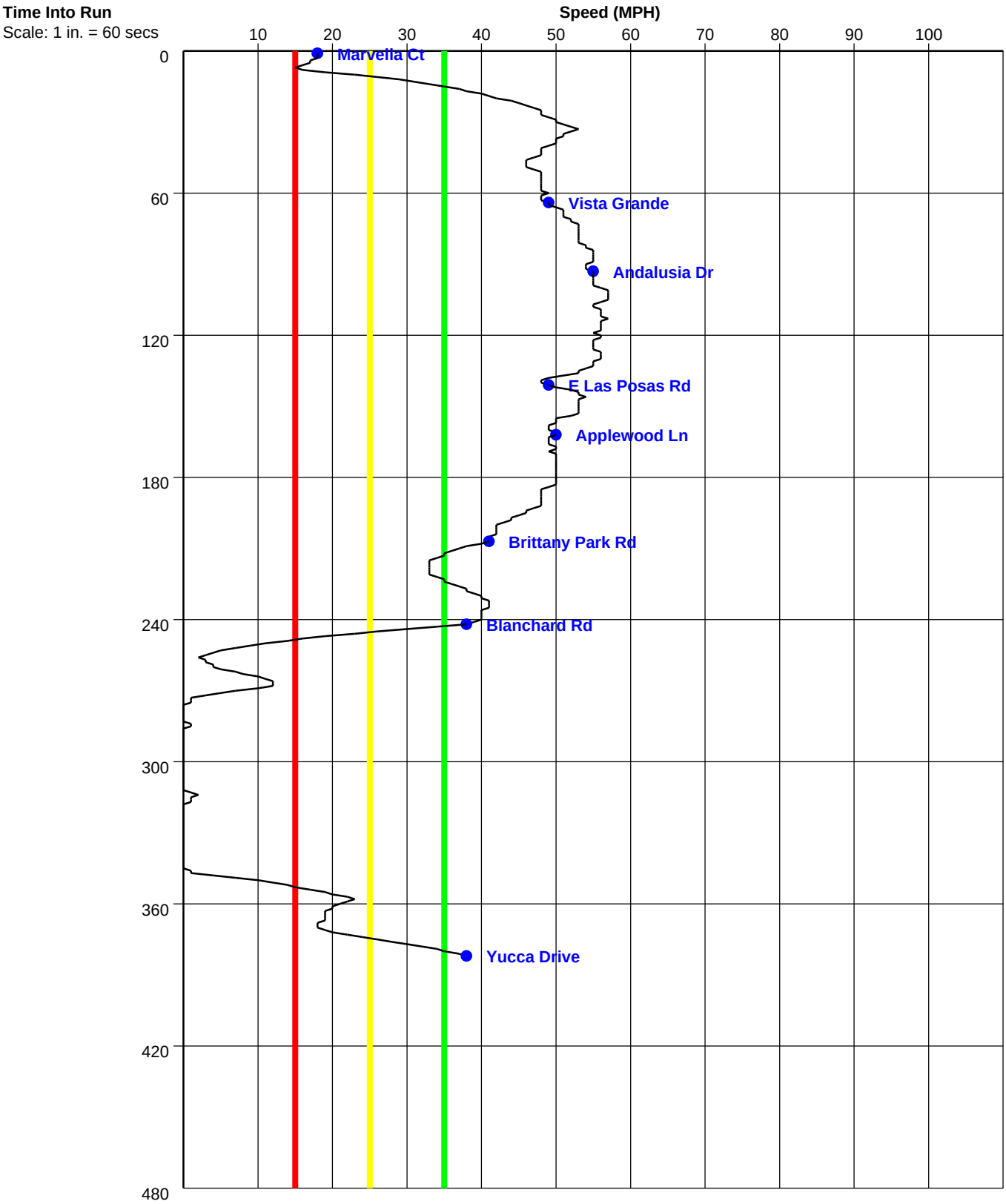


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **27**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-003 After Start Time:08:05 (This is an After Run)

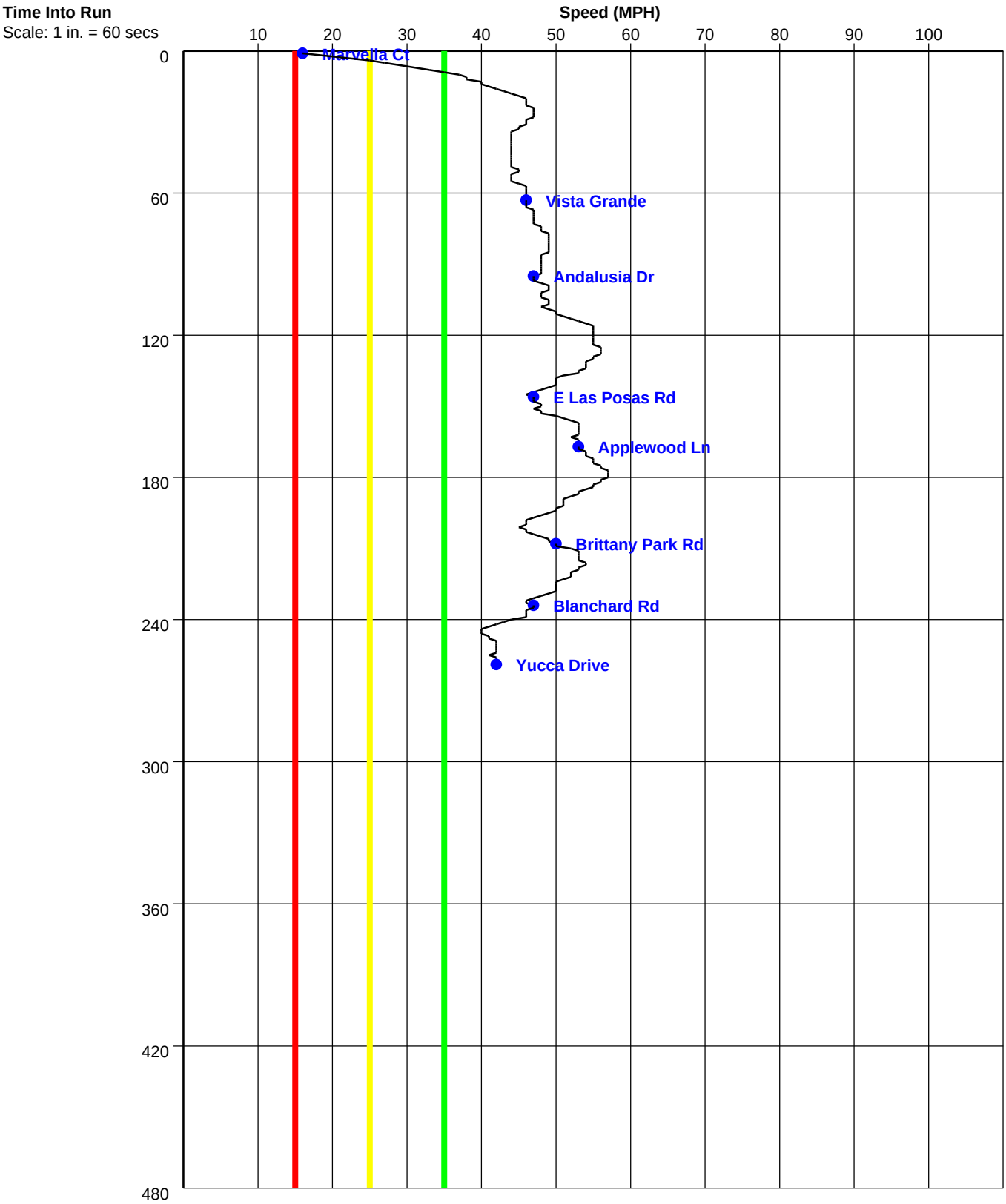


NDS
18-5687
AM-WB

Study Name : **18-5687-AM-WB**
Study Date : **10/17/2018**
Page No. : **28**

Time-Based Speed Profile

Run : Santa Rosa Road-AM-WB-004 After Start Time:08:45 (This is an After Run)



PC-Travel Reports for study: 18-5687-PM-EB

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Detailed Statistics By Run - Travel Times	4
Detailed Statistics By Run - Stops	5
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Speed Profile (Distance vs Spd) for Santa Rosa Road-PM-EB-004 After	22
Speed Profile (Time vs Spd) for Santa Rosa Road-PM-EB-001 After	25
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Speed Profile (Time vs Spd) for Santa Rosa Road-PM-EB-004 After	28

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PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-PM-EB-001 After	10-17-18	16:18	18399	After	Primary
Santa Rosa Road-PM-EB-002 After	10-17-18	16:33	18360	After	Primary
Santa Rosa Road-PM-EB-003 After	10-17-18	16:46	18372	After	Primary
Santa Rosa Road-PM-EB-004 After	10-17-18	17:02	18389	After	Primary

Node Info

#	Len	Name
1	0	Yucca Drive
2	2166	Blanchard Rd
3	1904	Brittany Park Rd
4	3079	Applewood Ln
5	1524	E Las Posas Rd
6	3848	Andalusia Dr
7	2161	Vista Grande
8	3698	Marvella Ct

Length of Study Route = 18,380

Notes:

NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Yucca Drive							
2	2166	Blanchard Rd	32.0	0.0	46.2	5.0	0.0	0.0	0.0
3	1904	Brittany Park Rd	48.5	0.3	26.8	24.5	11.0	24.0	34.5
4	3079	Applewood Ln	65.5	0.5	32.1	27.3	10.0	13.0	28.8
5	1524	E Las Posas Rd	40.0	0.3	26.0	20.8	11.0	15.5	22.8
6	3848	Andalusia Dr	64.0	0.0	41.0	16.0	0.0	3.0	14.8
7	2161	Vista Grande	40.3	0.3	36.6	13.0	5.3	11.5	15.5
8	3698	Marvella Ct	70.8	0.3	35.6	24.8	12.8	13.5	16.0
Total	**18,380**		**361.0**	**1.5**	**34.7**	**131.3**	**50.0**	**80.5**	**132.3**

Stats based on 4 AFTER runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	32	30	34	32
3	1904	Brittany Park Rd	57	29	36	72
4	3079	Applewood Ln	61	46	68	87
5	1524	E Las Posas Rd	26	39	68	27
6	3848	Andalusia Dr	77	64	61	54
7	2161	Vista Grande	67	30	33	31
8	3698	Marvella Ct	63	54	50	116
Totals	**18380**		**383**	**292**	**350**	**419**

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PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	0	0	0	0
3	1904	Brittany Park Rd	0	0	0	1
4	3079	Applewood Ln	0	0	1	1
5	1524	E Las Posas Rd	0	0	1	0
6	3848	Andalusia Dr	0	0	0	0
7	2161	Vista Grande	1	0	0	0
8	3698	Marvella Ct	0	0	0	1
Totals	**18380**		**1**	**0**	**2**	**3**

Stops based on a Stop Speed of 5 MPH.

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PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
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Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	46.6	50.1	43.5	47.1
3	1904	Brittany Park Rd	22.9	44.7	36.3	17.7
4	3079	Applewood Ln	34.6	45.3	30.8	24.1
5	1524	E Las Posas Rd	39.7	26.6	15.5	39.7
6	3848	Andalusia Dr	34.3	41.5	43.0	48.3
7	2161	Vista Grande	21.5	49.2	45.4	47.8
8	3698	Marvella Ct	40.1	46.4	49.7	21.6
Totals	**18380**		**32.8**	**43.0**	**35.8**	**29.9**

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Study Date **: 17-10-2018**
Page No. **: 7**

Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	5	3	7	5
3	1904	Brittany Park Rd	33	5	12	48
4	3079	Applewood Ln	22	8	30	49
5	1524	E Las Posas Rd	7	20	49	7
6	3848	Andalusia Dr	29	16	13	6
7	2161	Vista Grande	40	3	5	4
8	3698	Marvella Ct	17	8	4	70
Totals	**18380**		**153**	**63**	**120**	**189**

Total Delay based on a Normal Speed of 55 MPH.

Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	0	0	0	0
3	1904	Brittany Park Rd	17	0	0	27
4	3079	Applewood Ln	0	0	10	30
5	1524	E Las Posas Rd	0	7	37	0
6	3848	Andalusia Dr	0	0	0	0
7	2161	Vista Grande	21	0	0	0
8	3698	Marvella Ct	0	0	0	51
Totals	**18380**		**38**	**7**	**47**	**108**

Detailed Statistics By Run

Time <= 25 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	0	0	0	0
3	1904	Brittany Park Rd	36	0	0	60
4	3079	Applewood Ln	0	0	17	35
5	1524	E Las Posas Rd	0	20	42	0
6	3848	Andalusia Dr	12	0	0	0
7	2161	Vista Grande	46	0	0	0
8	3698	Marvella Ct	0	0	0	54
Totals	**18380**		**94**	**20**	**59**	**149**

Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-EB-001 After)	Run #2 (Santa Rosa Road-PM-EB-002 After)	Run #3 (Santa Rosa Road-PM-EB-003 After)	Run #4 (Santa Rosa Road-PM-EB-004 After)
1	0	Yucca Drive				
2	2166	Blanchard Rd	0	0	0	0
3	1904	Brittany Park Rd	49	0	17	72
4	3079	Applewood Ln	35	0	29	51
5	1524	E Las Posas Rd	0	27	60	4
6	3848	Andalusia Dr	39	7	13	0
7	2161	Vista Grande	58	0	4	0
8	3698	Marvella Ct	6	0	0	58
Totals	**18380**		**187**	**34**	**123**	**185**

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PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
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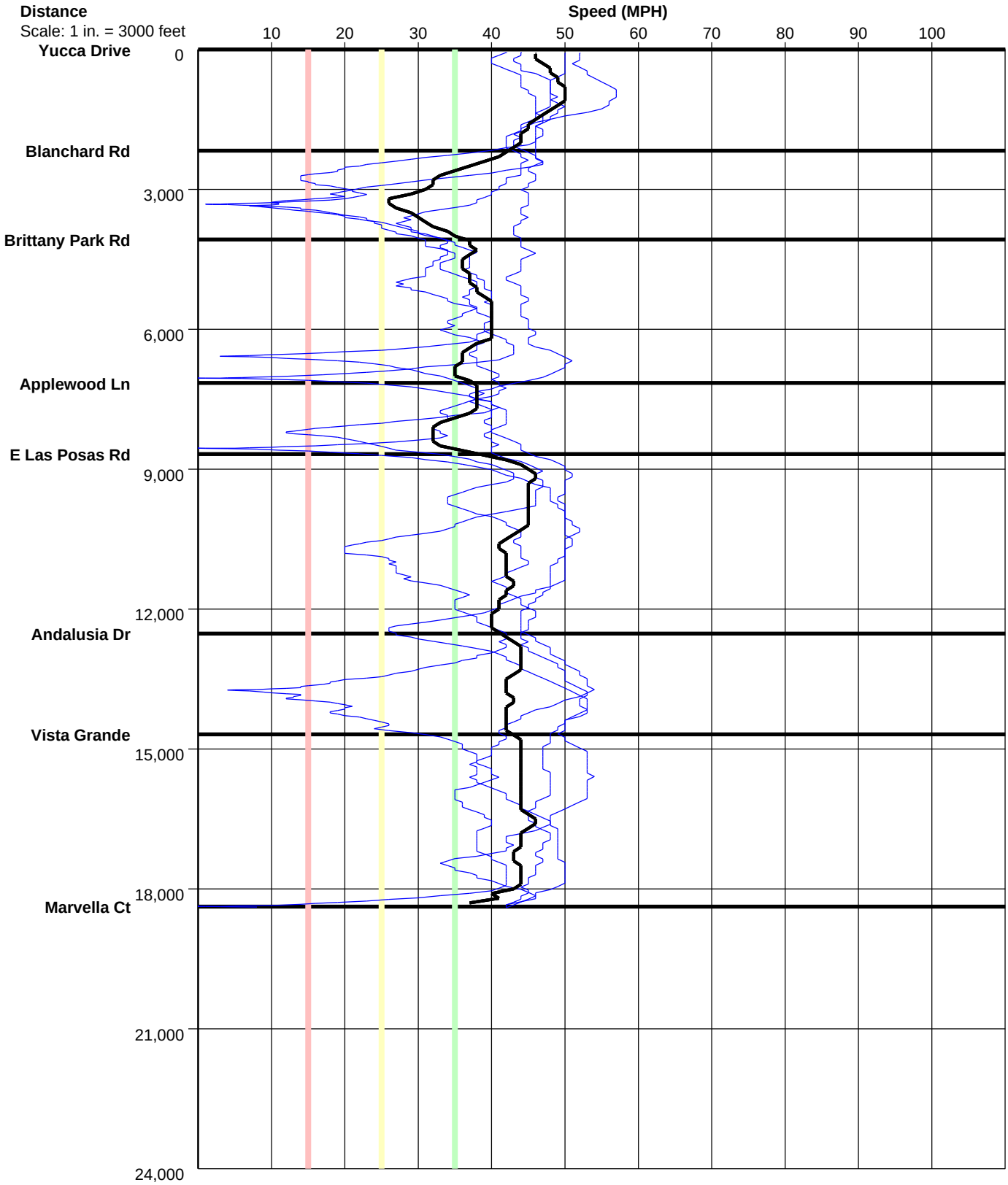
Speed/Distance Profiles of All Runs



NDS
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PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
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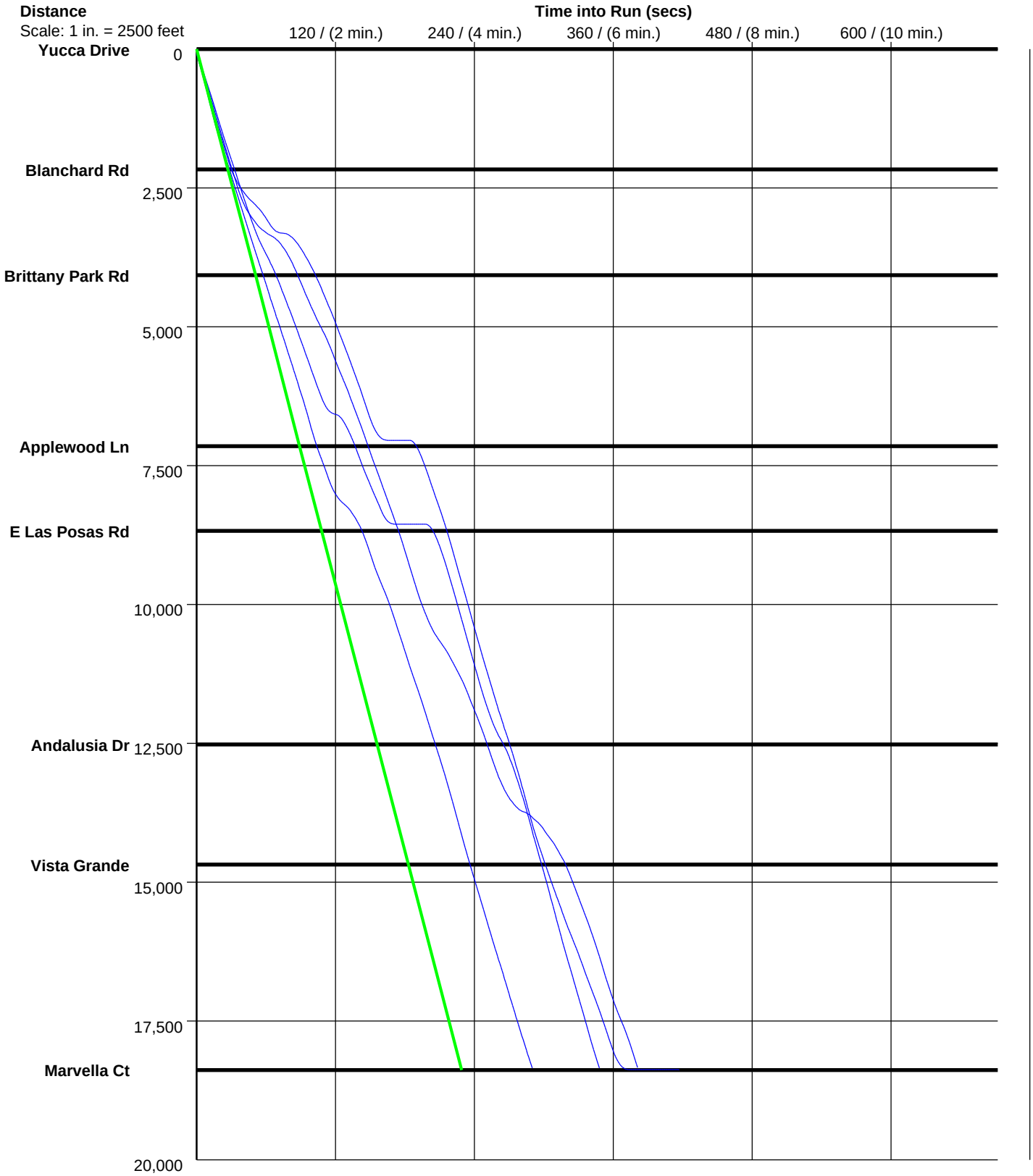
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS

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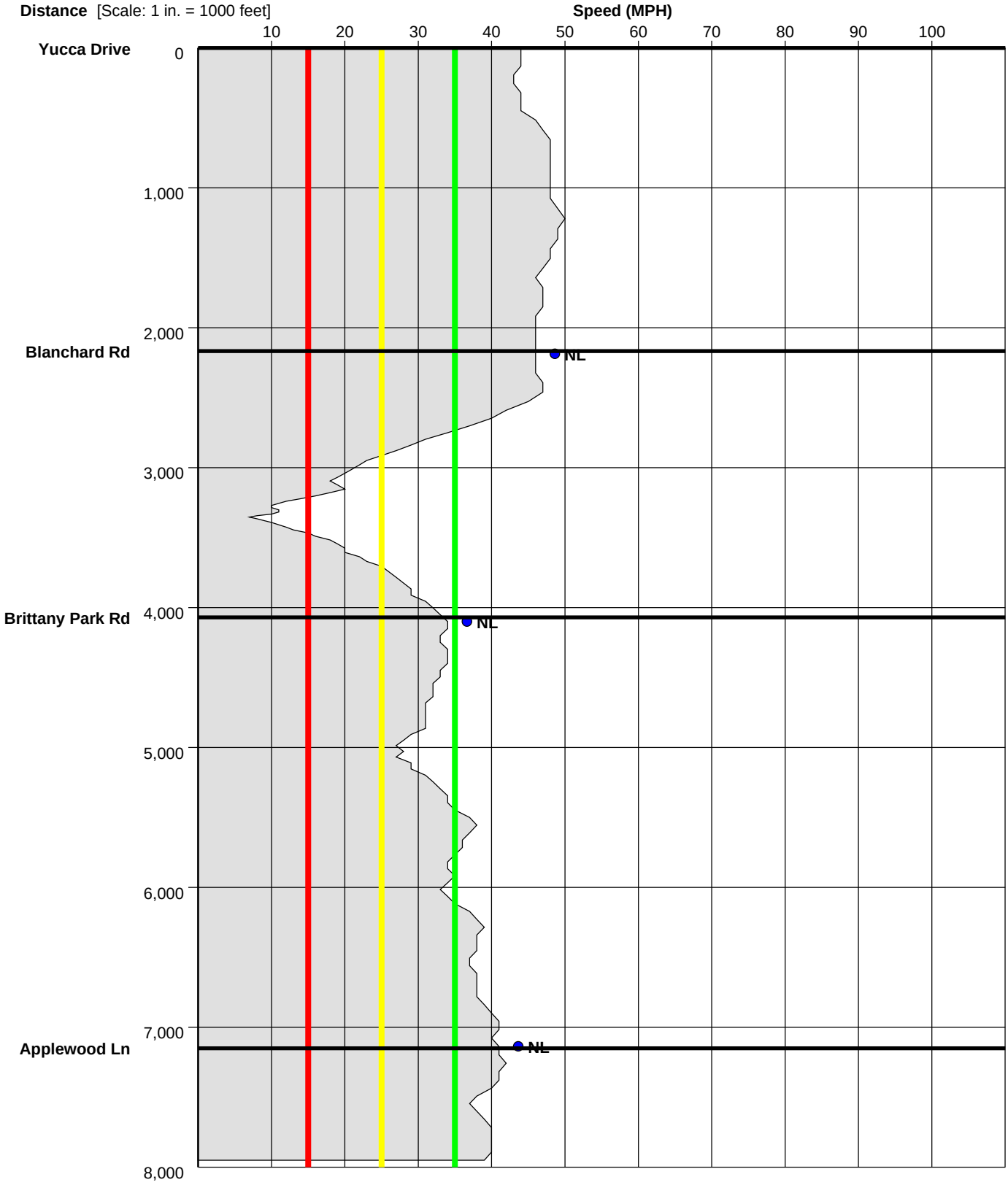
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **13**

Speed Profile

Run : Santa Rosa Road-PM-EB-001 After Start Time: 16:18 (This is an After Run)

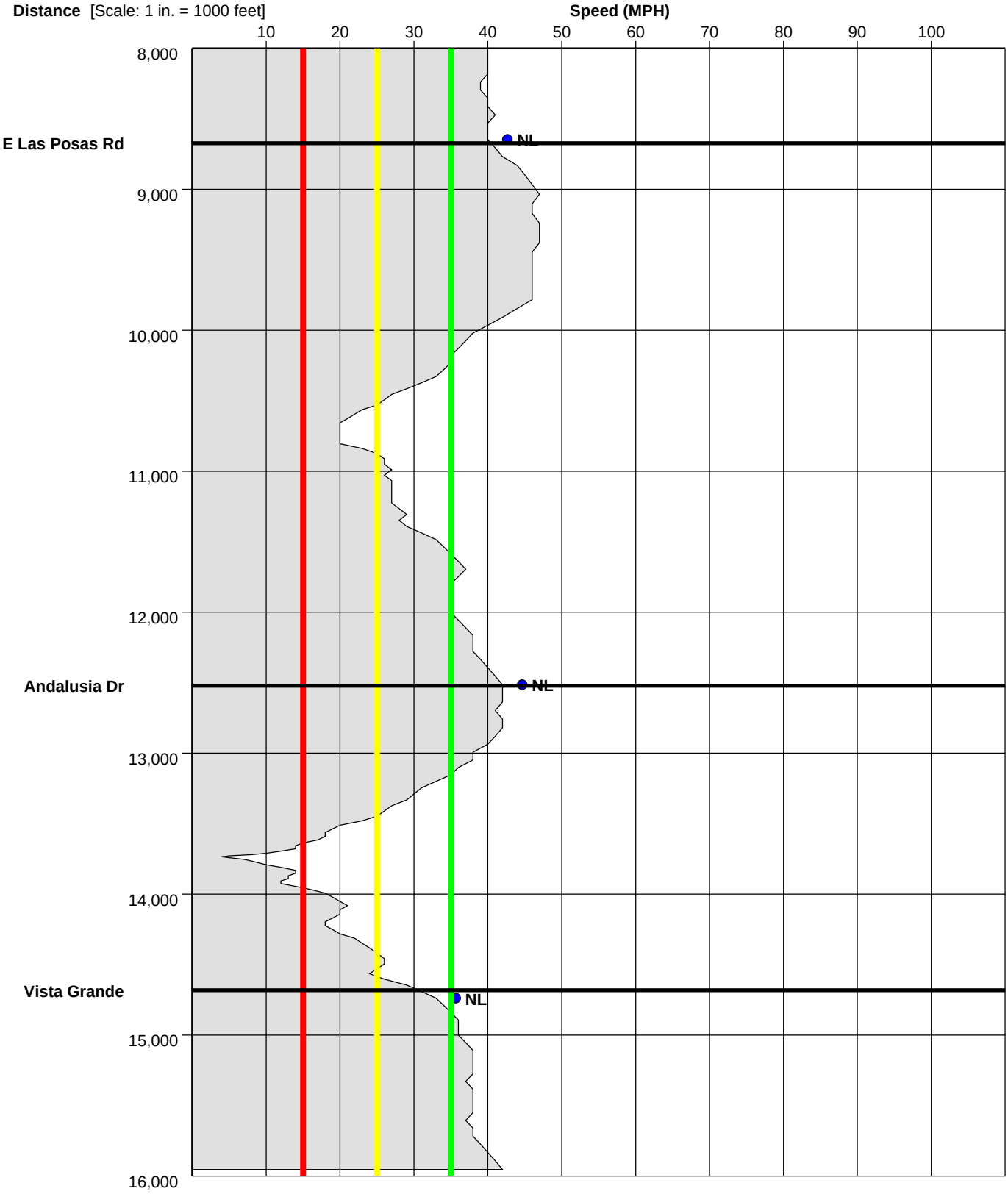


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **14**

Speed Profile

Run : Santa Rosa Road-PM-EB-001 After Start Time: 16:18 (This is an After Run)

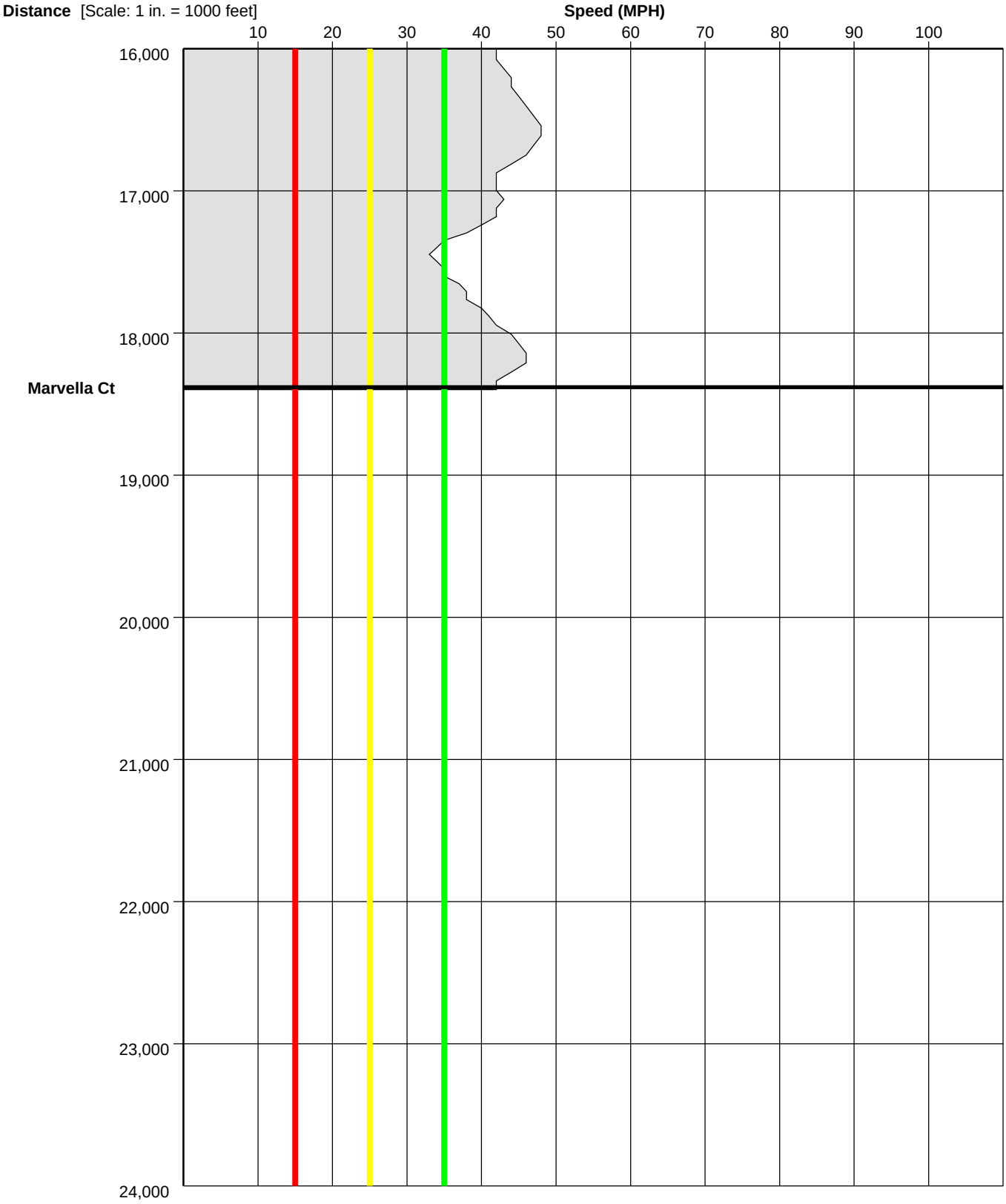


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **15**

Speed Profile

Run : Santa Rosa Road-PM-EB-001 After Start Time: 16:18 (This is an After Run)



NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
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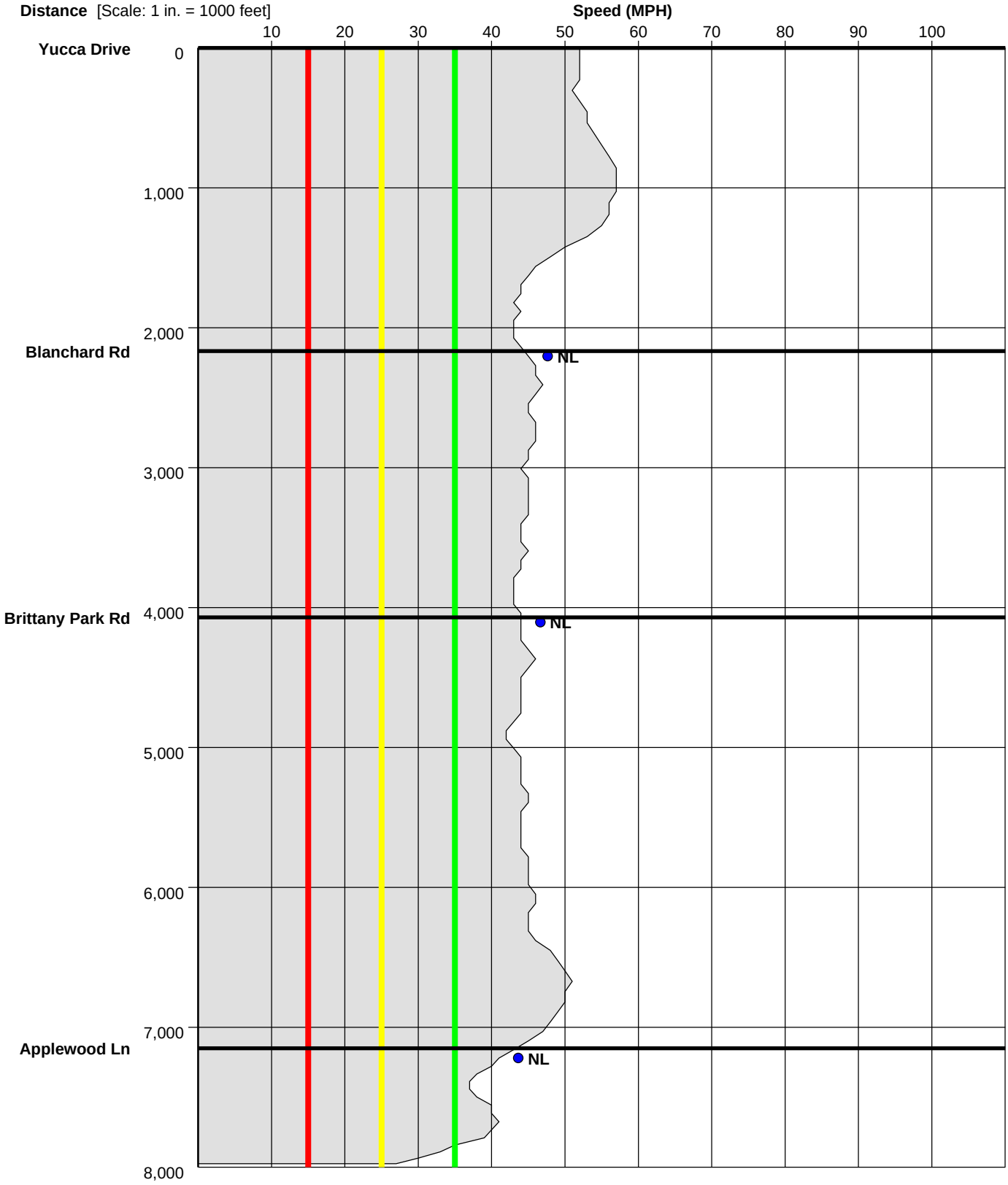
Speed Profile

Run : Santa Rosa Road-PM-EB-002 After Start Time: 16:33 (This is an After Run)

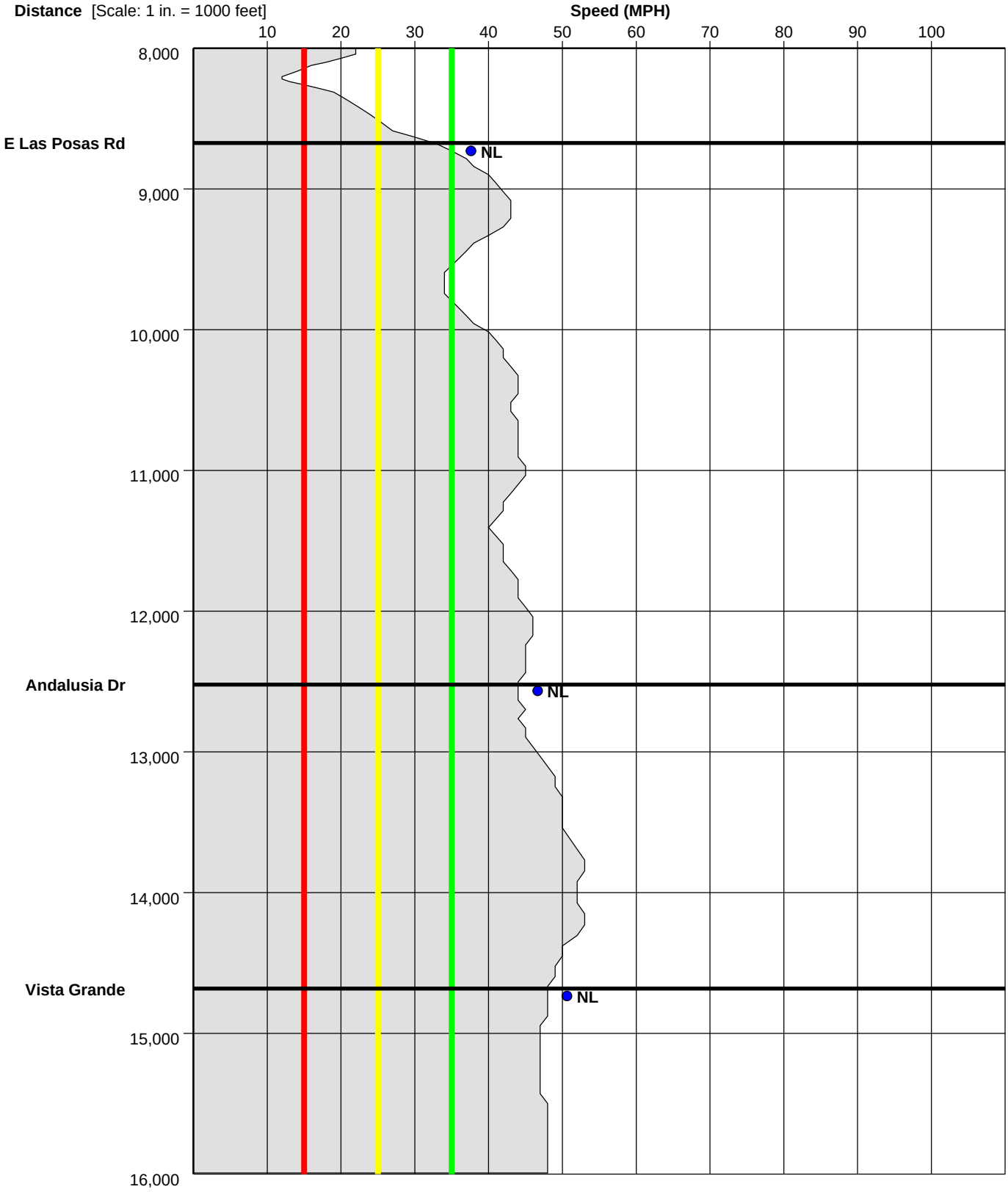


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **17**

Speed Profile

Run : Santa Rosa Road-PM-EB-002 After Start Time: 16:33 (This is an After Run)

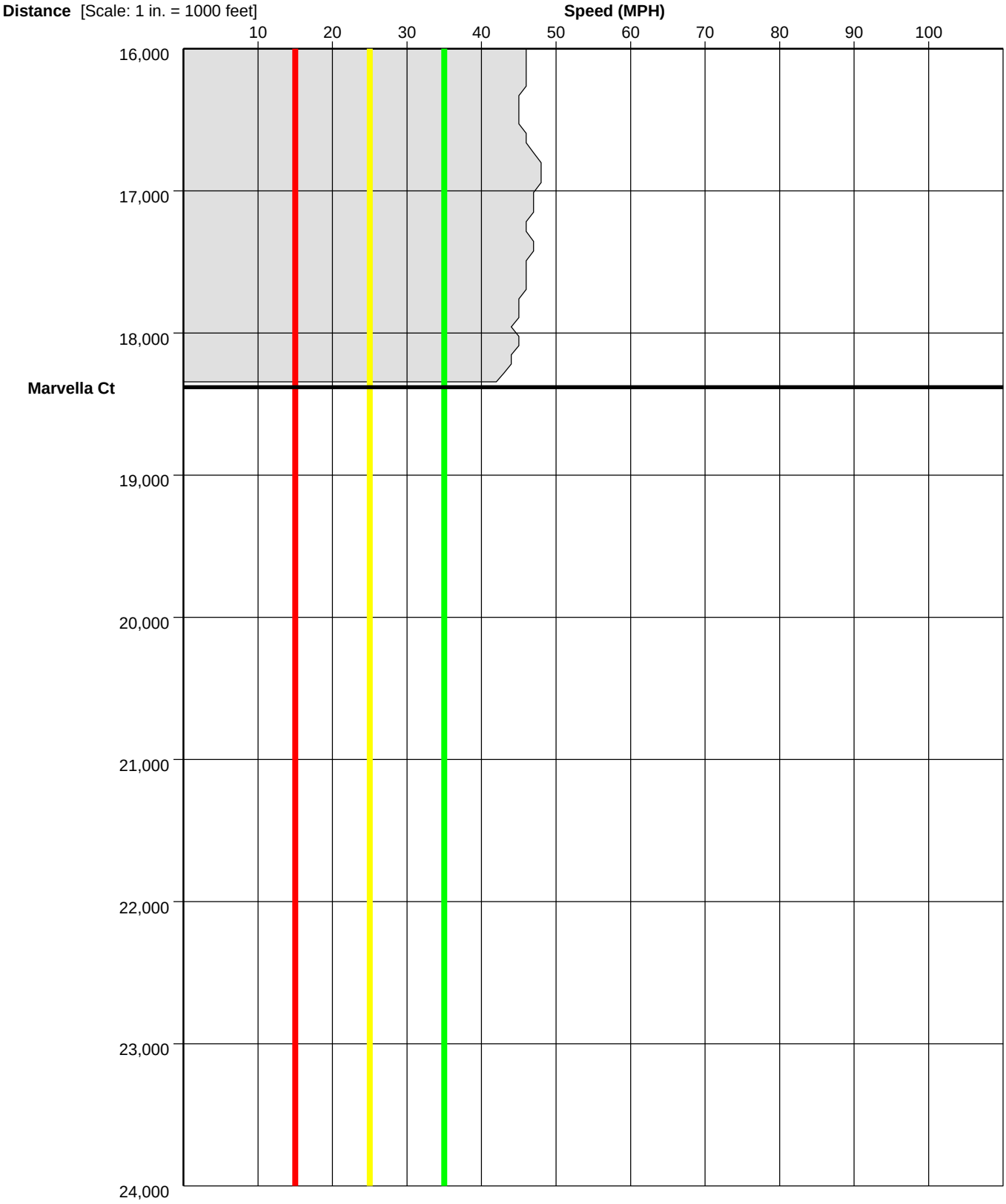


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **18**

Speed Profile

Run : Santa Rosa Road-PM-EB-002 After Start Time: 16:33 (This is an After Run)



NDS
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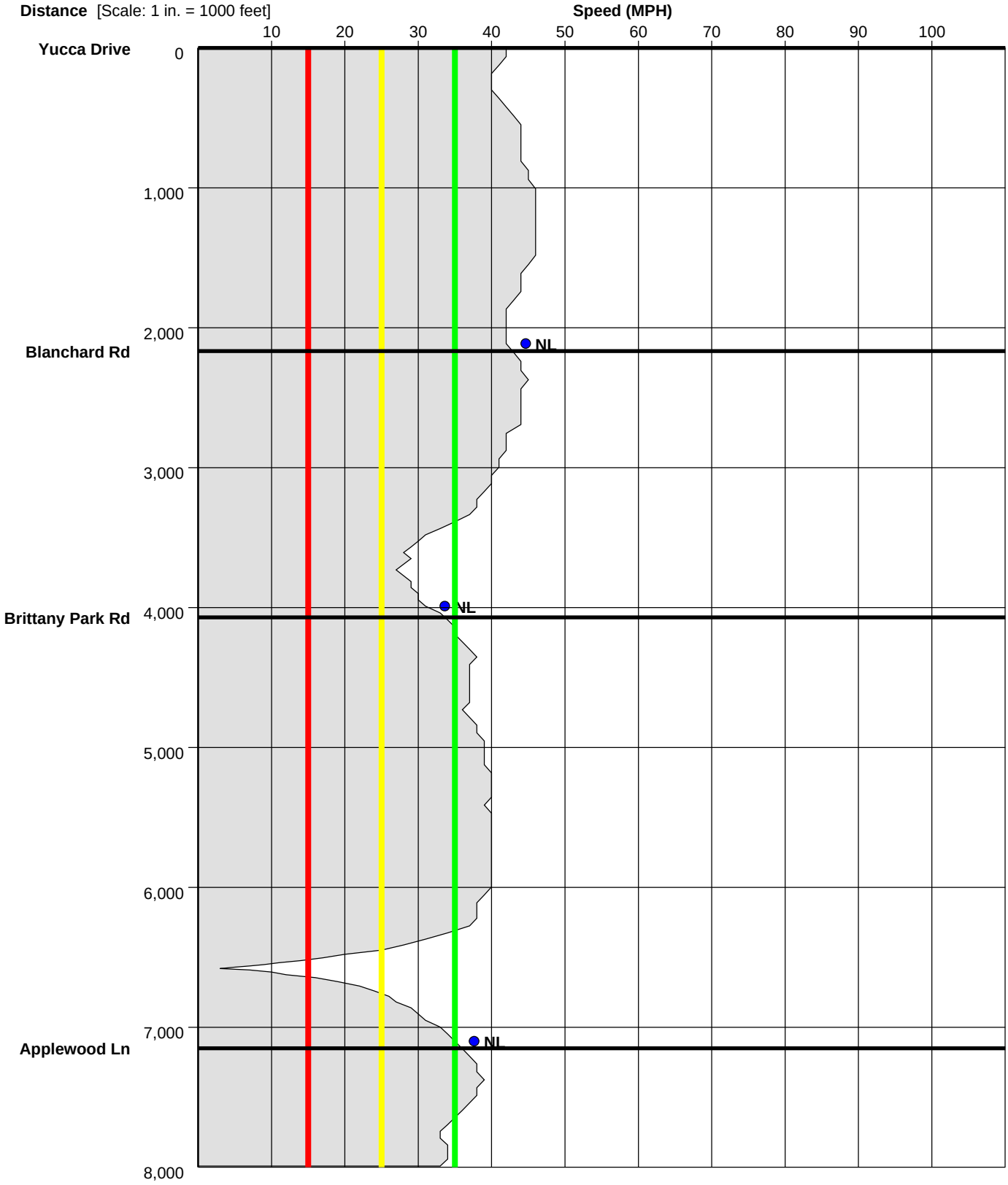
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **19**

Speed Profile

Run : Santa Rosa Road-PM-EB-003 After Start Time: 16:46 (This is an After Run)

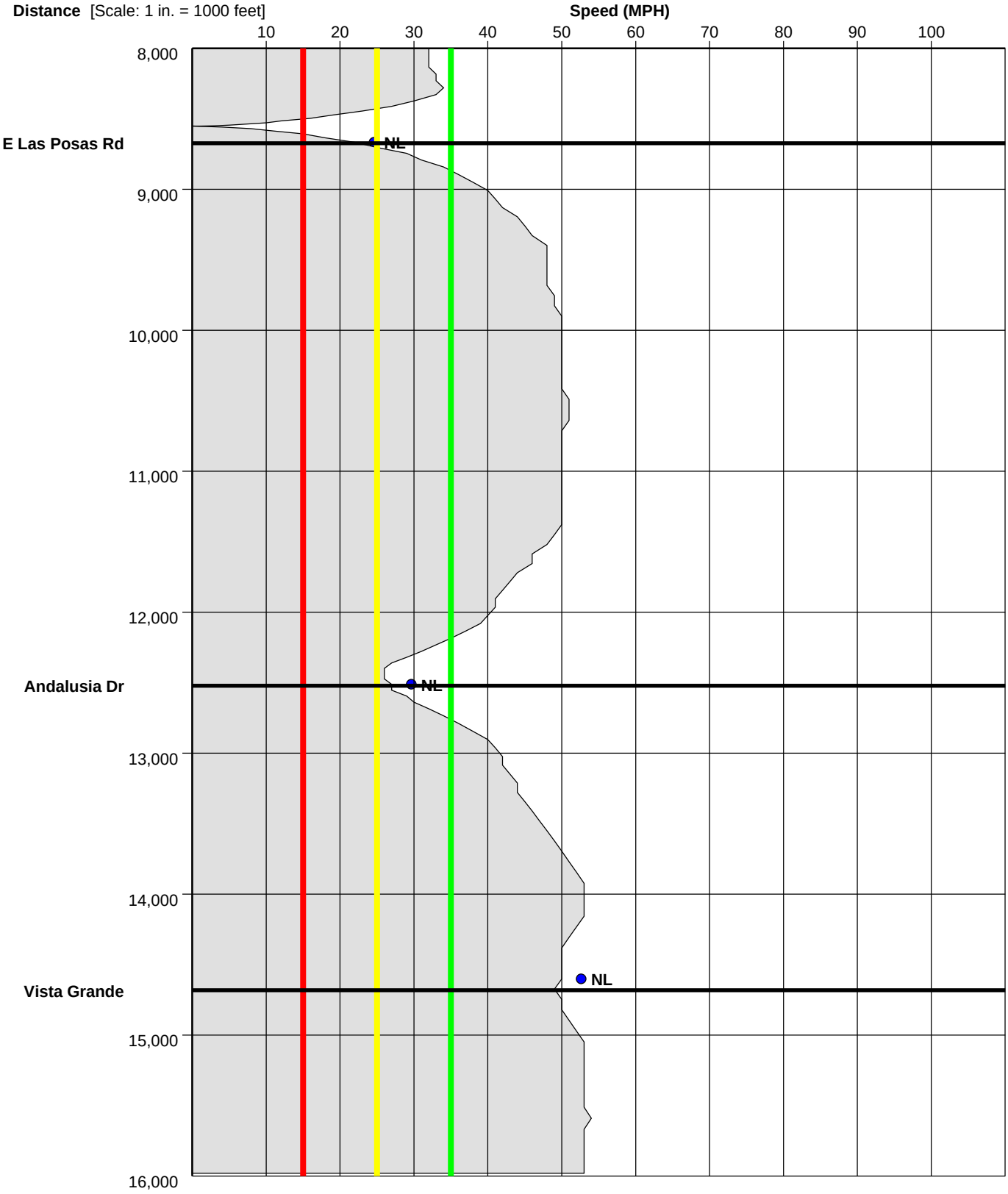


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **20**

Speed Profile

Run : Santa Rosa Road-PM-EB-003 After Start Time: 16:46 (This is an After Run)

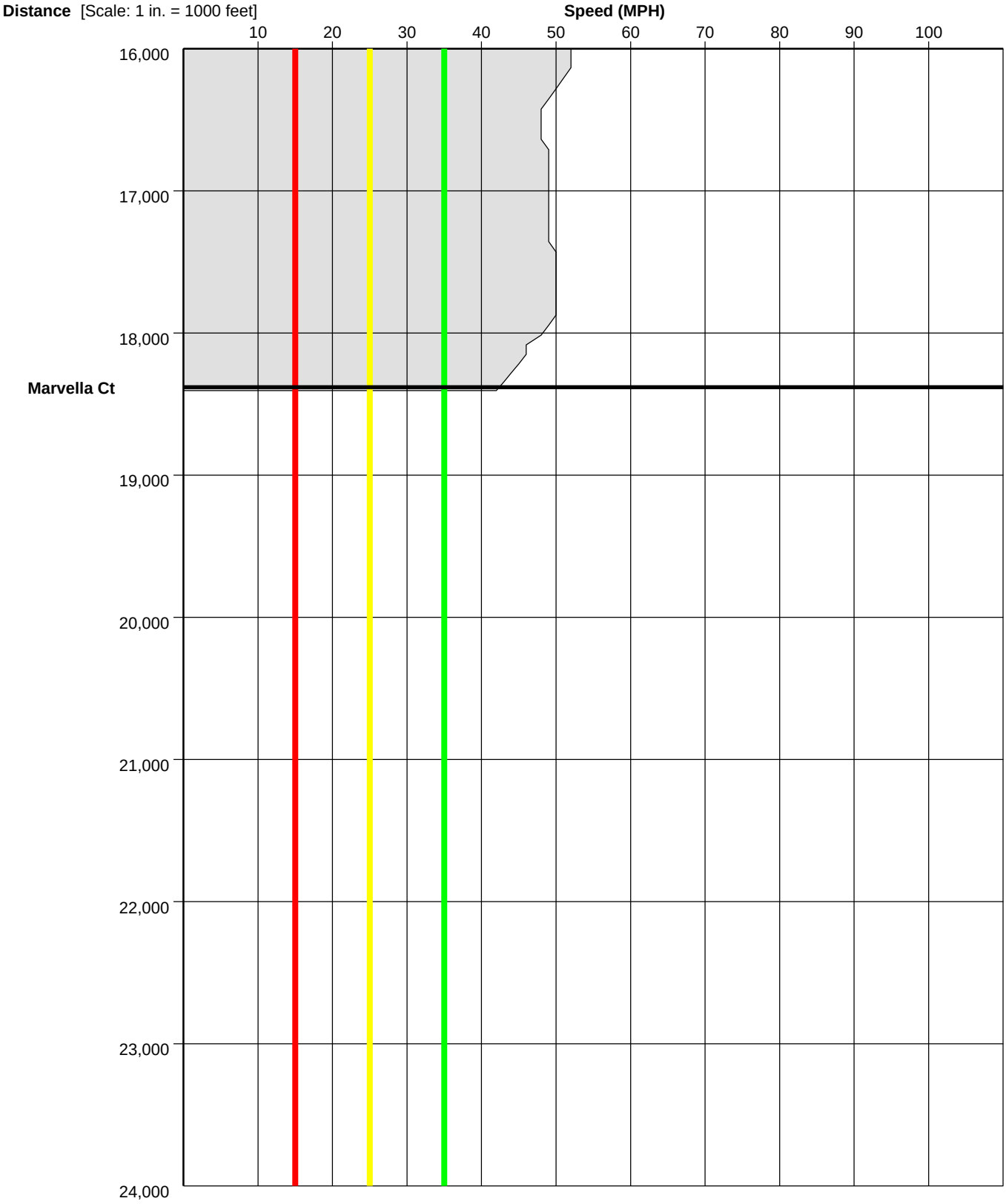


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **21**

Speed Profile

Run : Santa Rosa Road-PM-EB-003 After Start Time: 16:46 (This is an After Run)

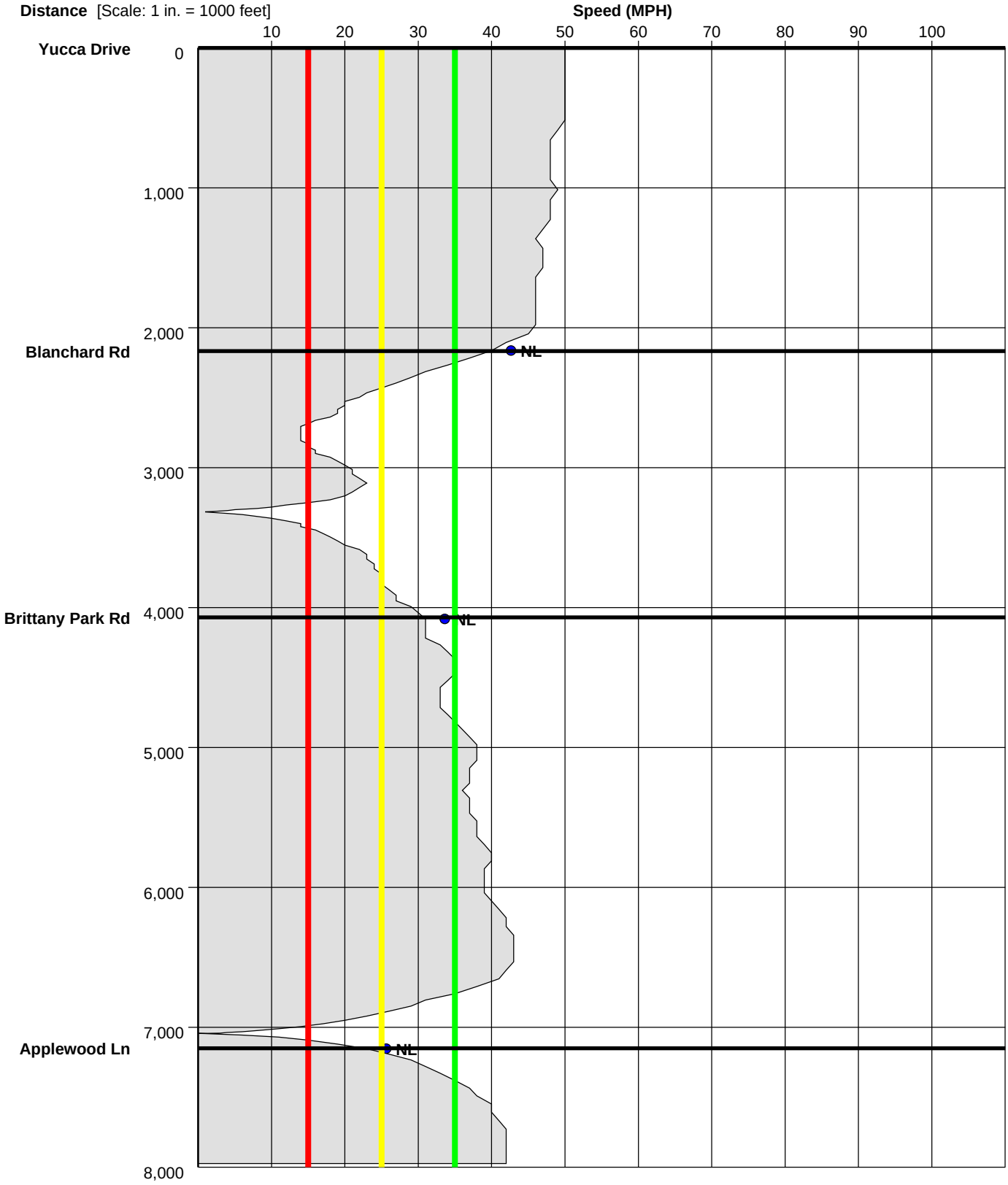


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **22**

Speed Profile

Run : Santa Rosa Road-PM-EB-004 After Start Time: 17:02 (This is an After Run)

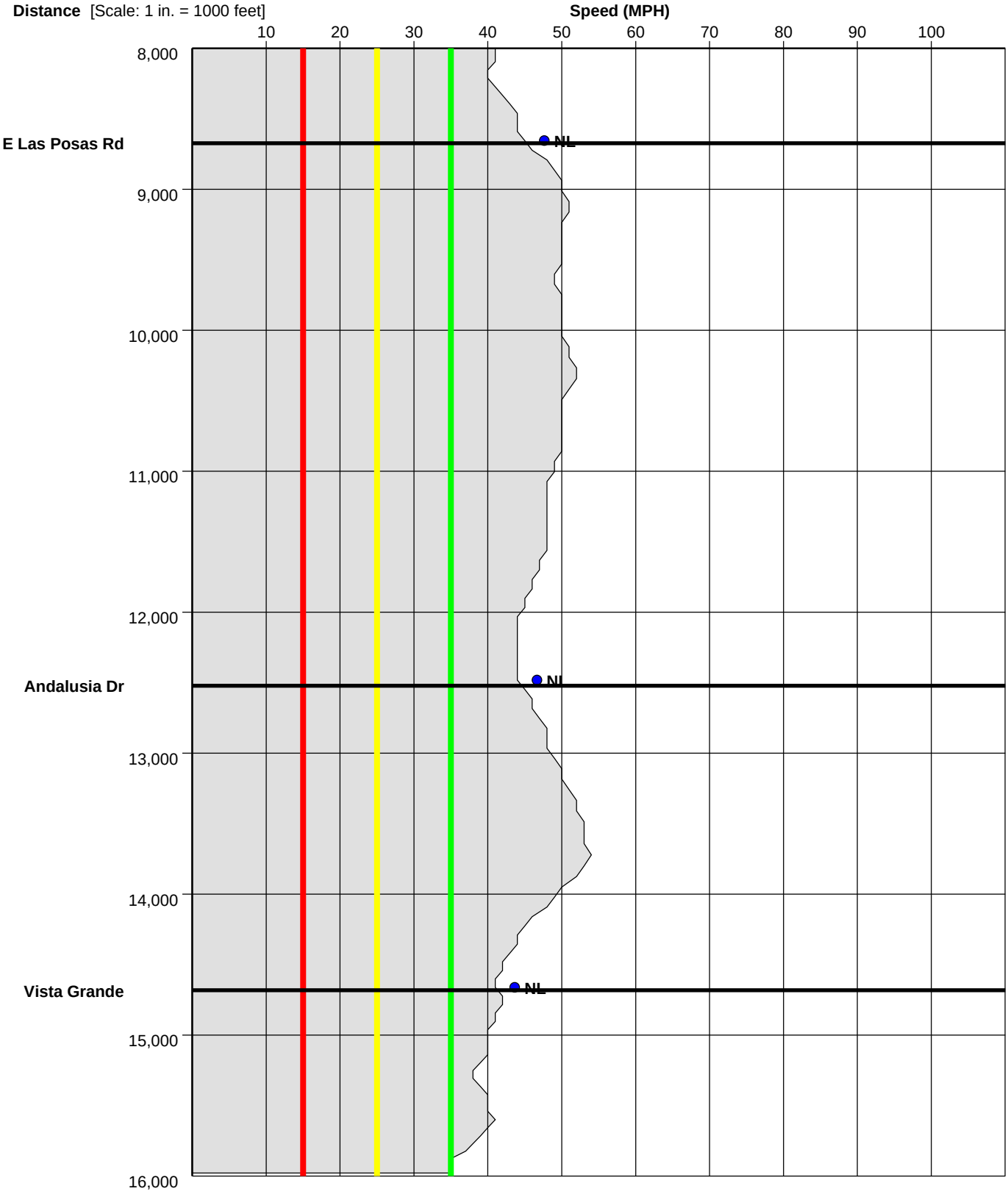


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **23**

Speed Profile

Run : Santa Rosa Road-PM-EB-004 After Start Time: 17:02 (This is an After Run)

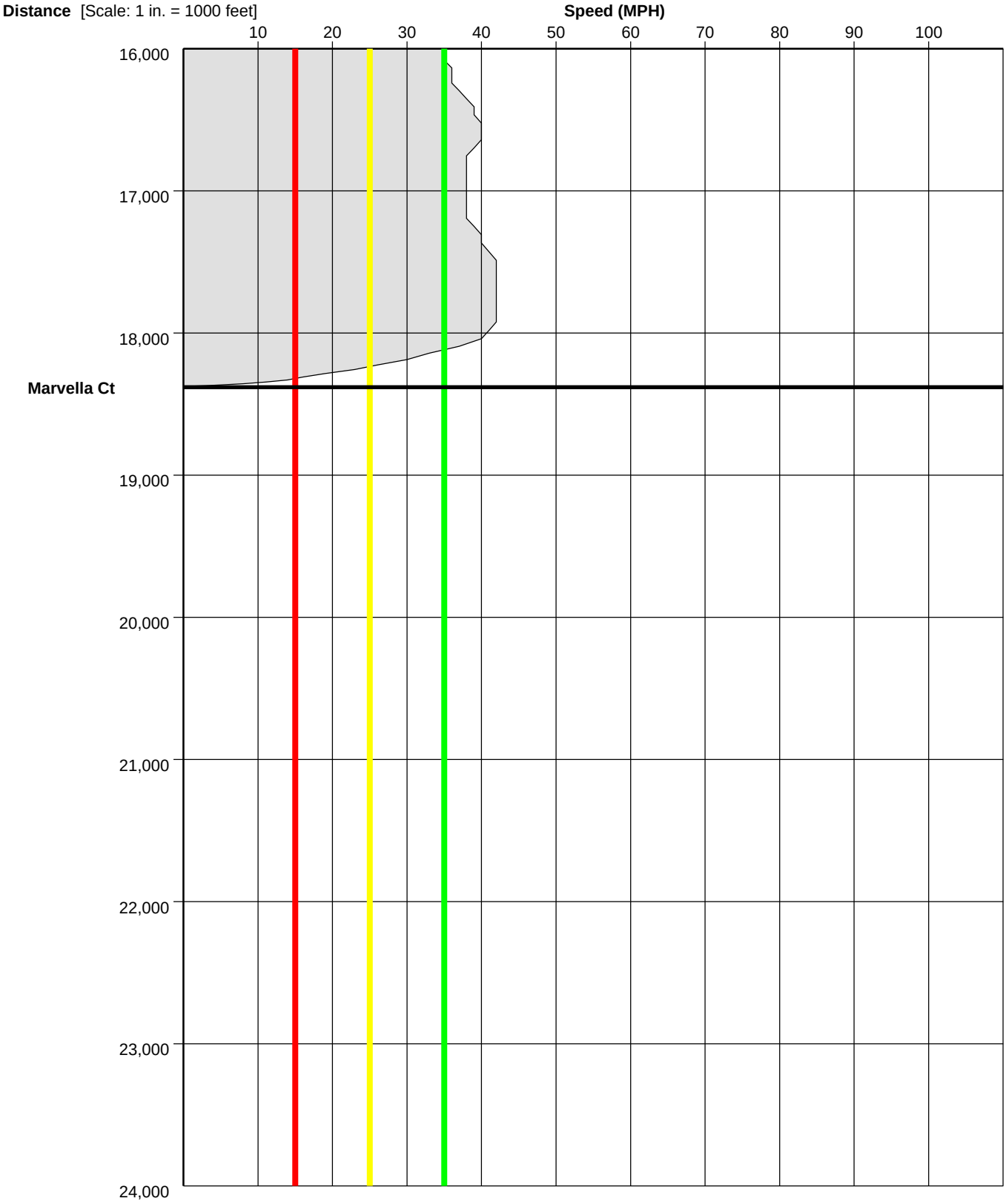


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **24**

Speed Profile

Run : Santa Rosa Road-PM-EB-004 After Start Time: 17:02 (This is an After Run)



NDS

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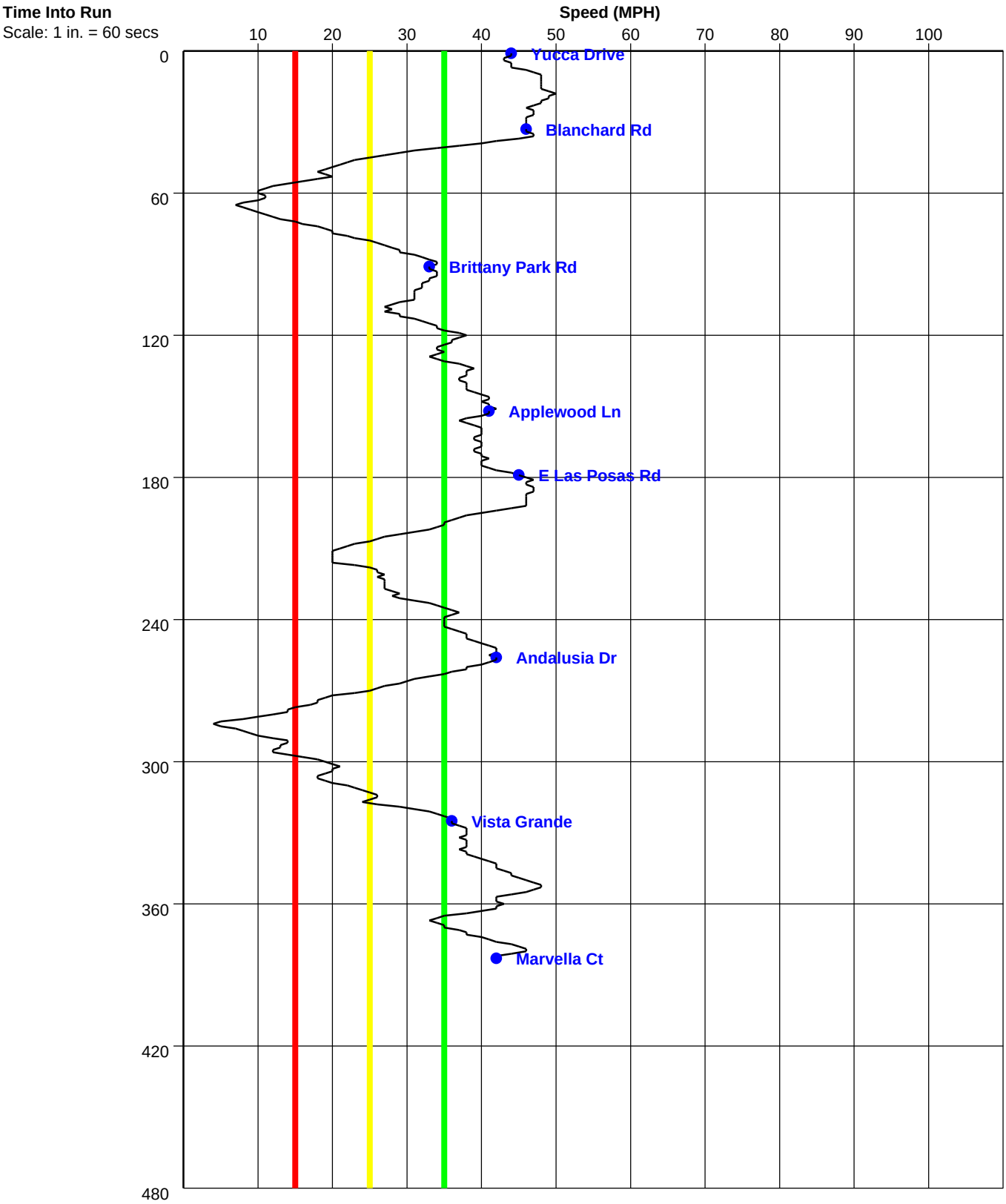
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **25**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-001 After Start Time:16:18 (This is an After Run)

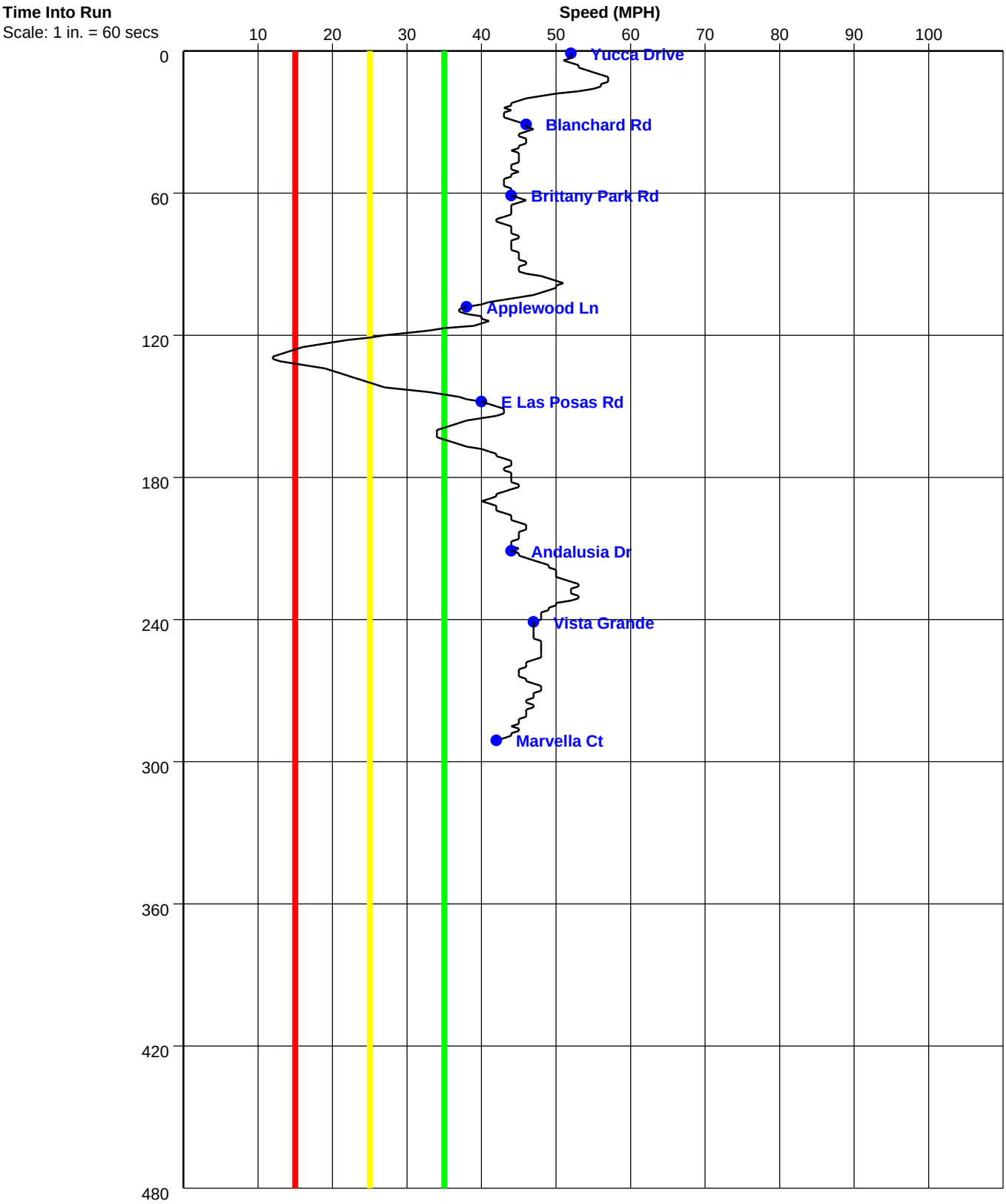


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **26**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-002 After Start Time:16:33 (This is an After Run)

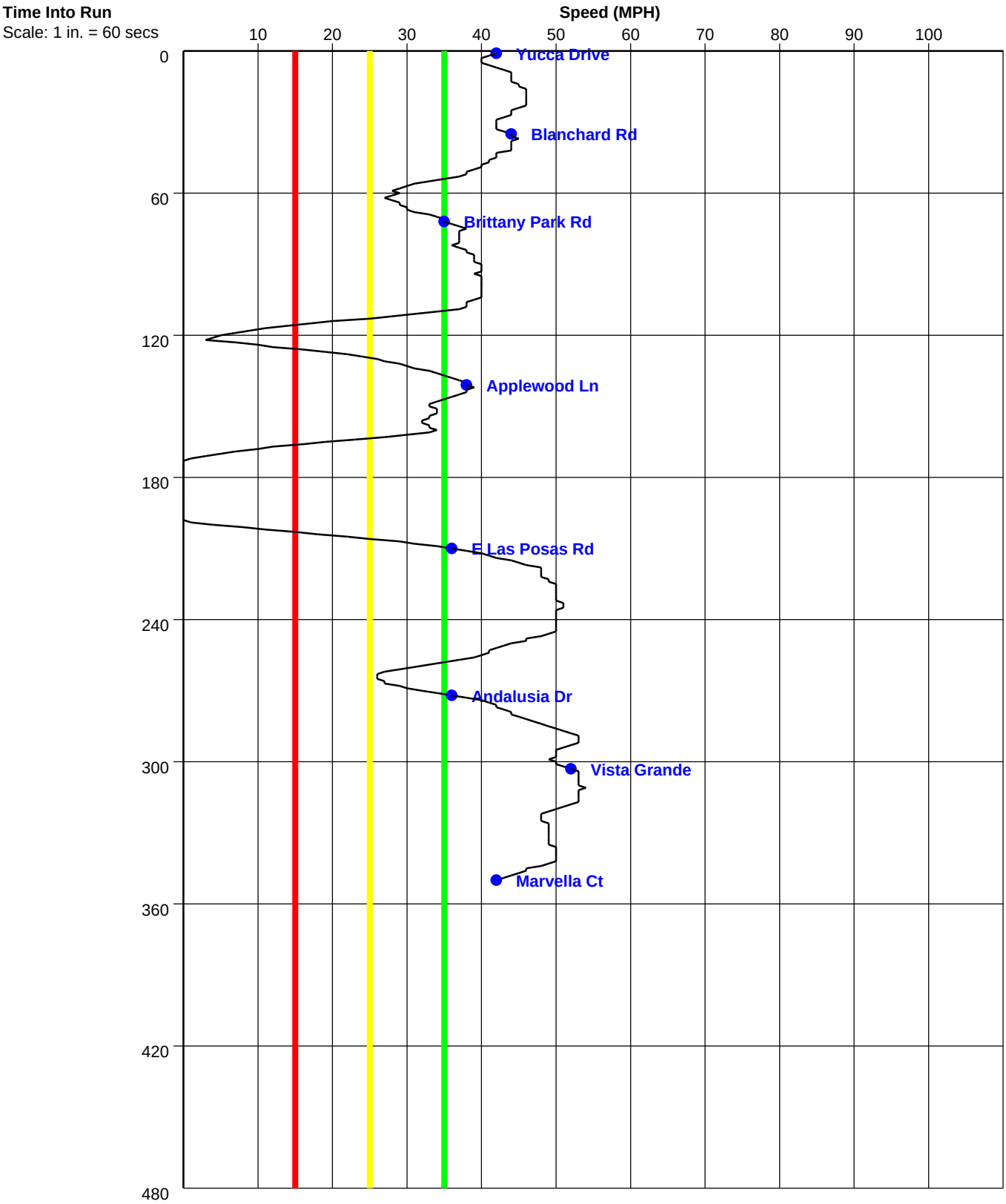


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **27**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-003 After Start Time:16:46 (This is an After Run)

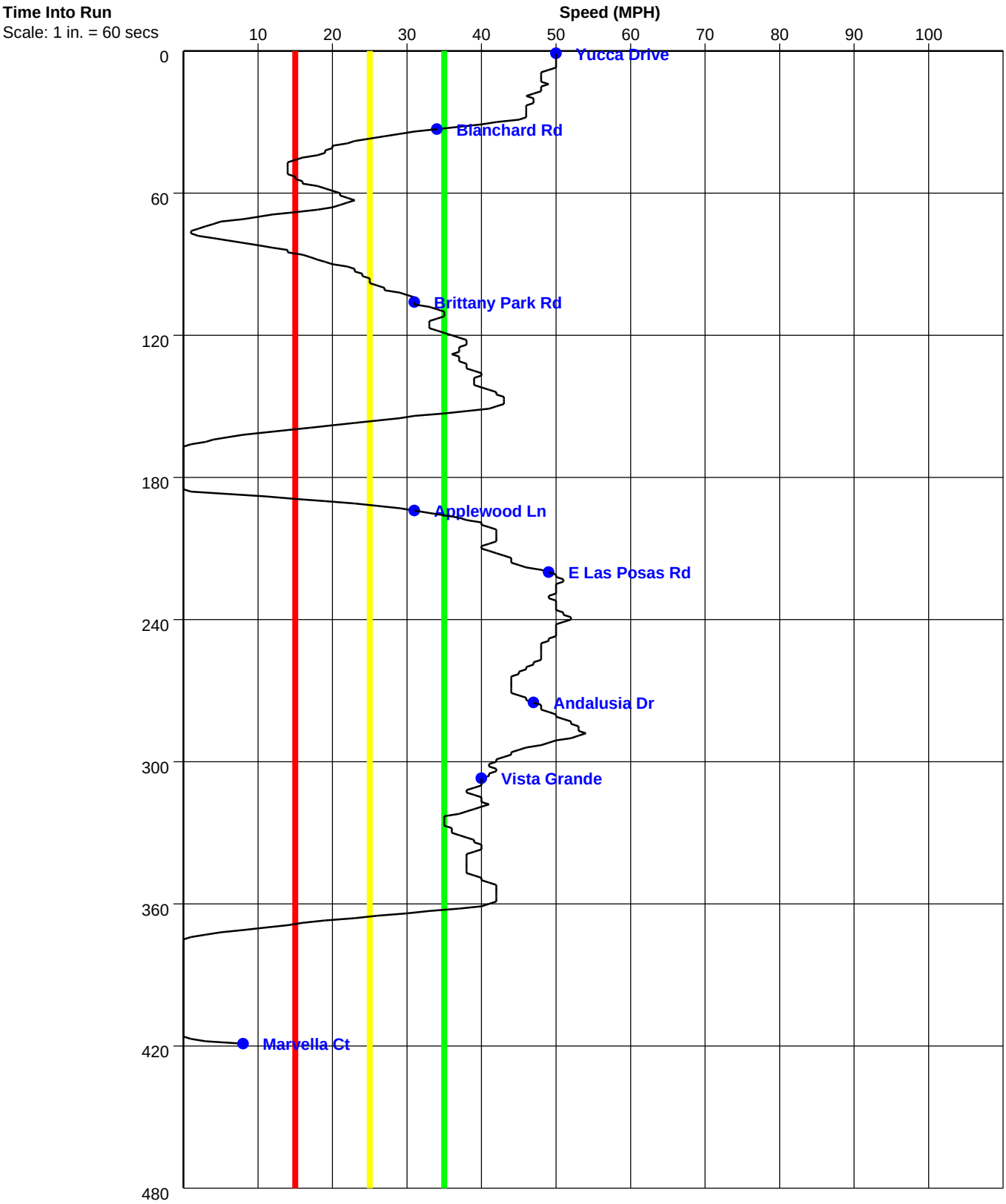


NDS
18-5687
PM-EB

Study Name : **18-5687-PM-EB**
Study Date : **17-10-2018**
Page No. : **28**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-EB-004 After Start Time:17:02 (This is an After Run)



PC-Travel Reports for study: 18-5687-PM-WB

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Detailed Statistics By Run - Stops	5
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Detailed Statistics By Run - Total Delay	7
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Speed Profile (Time vs Spd) for Santa Rosa Road-PM-WB-001 After	25
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Speed Profile (Time vs Spd) for Santa Rosa Road-PM-WB-004 After	28

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **2**

Study Summary

Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/ After	Run Type
Santa Rosa Road-PM-WB-001 After	10-17-18	16:12	18143	After	Primary
Santa Rosa Road-PM-WB-002 After	10-17-18	16:27	18289	After	Primary
Santa Rosa Road-PM-WB-003 After	10-17-18	16:43	18183	After	Primary
Santa Rosa Road-PM-WB-004 After	10-17-18	17:05	18305	After	Primary

Node Info

#	Len	Name
1	0	Marvella Ct
2	3970	Vista Grande
3	2005	Andalusia Dr
4	3915	E Las Posas Rd
5	1502	Applewood Ln
6	3014	Brittany Park Rd
7	1948	Blanchard Rd
8	1876	Yucca Drive

Length of Study Route = 18,230

Notes:

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **3**

Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 15 MPH	Time <= 25 MPH	Time <= 35 MPH
1	0	Marvella Ct							
2	3970	Vista Grande	70.3	0.5	38.5	20.8	9.3	13.3	18.5
3	2005	Andalusia Dr	30.0	0.0	45.6	4.8	0.3	1.0	3.0
4	3915	E Las Posas Rd	57.0	0.0	46.8	8.0	3.0	5.5	8.3
5	1502	Applewood Ln	24.3	0.0	42.2	5.3	0.0	0.5	2.0
6	3014	Brittany Park Rd	40.8	0.0	50.4	3.3	0.0	0.0	0.0
7	1948	Blanchard Rd	28.0	0.0	47.4	3.5	0.0	0.0	1.0
8	1876	Yucca Drive	29.5	0.0	43.4	6.5	1.0	1.5	4.5
Total	**18,230**		**279.8**	**0.5**	**44.4**	**52.0**	**13.5**	**21.8**	**37.3**

Stats based on 4 AFTER runs.
Stops based on a Stop Speed of 5 MPH.
Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **4**

Detailed Statistics By Run

Travel Time (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	64	73	81	63
3	2005	Andalusia Dr	26	34	32	28
4	3915	E Las Posas Rd	65	49	61	53
5	1502	Applewood Ln	26	20	28	23
6	3014	Brittany Park Rd	46	37	38	42
7	1948	Blanchard Rd	31	24	29	28
8	1876	Yucca Drive	26	26	34	32
Totals	**18230**		**284**	**263**	**303**	**269**

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **5**

Detailed Statistics By Run

Number of Stops by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	0	1	1	0
3	2005	Andalusia Dr	0	0	0	0
4	3915	E Las Posas Rd	0	0	0	0
5	1502	Applewood Ln	0	0	0	0
6	3014	Brittany Park Rd	0	0	0	0
7	1948	Blanchard Rd	0	0	0	0
8	1876	Yucca Drive	0	0	0	0
Totals	**18230**		**0**	**1**	**1**	**0**

Stops based on a Stop Speed of 5 MPH.

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **6**

Detailed Statistics By Run

Average Speed (MPH) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	42.8	37.1	33.6	43.3
3	2005	Andalusia Dr	51.6	41.3	42.4	48.5
4	3915	E Las Posas Rd	41.0	53.9	43.6	50.4
5	1502	Applewood Ln	39.2	51.3	38.2	43.7
6	3014	Brittany Park Rd	44.8	55.4	52.9	49.1
7	1948	Blanchard Rd	44.1	55.9	46.9	46.5
8	1876	Yucca Drive	46.9	48.4	36.8	39.7
Totals	**18230**		**43.7**	**47.2**	**41.0**	**46.1**

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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Detailed Statistics By Run

Total Delay (sec) by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	14	24	32	13
3	2005	Andalusia Dr	1	8	7	3
4	3915	E Las Posas Rd	16	0	12	4
5	1502	Applewood Ln	7	1	9	4
6	3014	Brittany Park Rd	8	0	1	4
7	1948	Blanchard Rd	6	0	4	4
8	1876	Yucca Drive	3	3	11	9
Totals	**18230**		**55**	**36**	**76**	**41**

Total Delay based on a Normal Speed of 55 MPH.

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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Detailed Statistics By Run

Time <= 15 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	4	14	19	0
3	2005	Andalusia Dr	0	1	0	0
4	3915	E Las Posas Rd	9	0	3	0
5	1502	Applewood Ln	0	0	0	0
6	3014	Brittany Park Rd	0	0	0	0
7	1948	Blanchard Rd	0	0	0	0
8	1876	Yucca Drive	0	0	0	4
Totals	**18230**		**13**	**15**	**22**	**4**

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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Detailed Statistics By Run

Time <= 25 MPH by Section

Santa Rosa Road-PM-WB-001 After
Santa Rosa Road-PM-WB-002 After
Santa Rosa Road-PM-WB-003 After
Santa Rosa Road-PM-WB-004 After

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4
1	0	Marvella Ct				
2	3970	Vista Grande	6	19	27	1
3	2005	Andalusia Dr	0	4	0	0
4	3915	E Las Posas Rd	15	0	7	0
5	1502	Applewood Ln	0	0	2	0
6	3014	Brittany Park Rd	0	0	0	0
7	1948	Blanchard Rd	0	0	0	0
8	1876	Yucca Drive	0	0	0	6
Totals	**18230**		**21**	**23**	**36**	**7**

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **10**

Detailed Statistics By Run

Time <= 35 MPH by Section

Node #	Length	Node Name	Run #1 (Santa Rosa Road-PM-WB-001 After)	Run #2 (Santa Rosa Road-PM-WB-002 After)	Run #3 (Santa Rosa Road-PM-WB-003 After)	Run #4 (Santa Rosa Road-PM-WB-004 After)
1	0	Marvella Ct				
2	3970	Vista Grande	9	25	33	7
3	2005	Andalusia Dr	0	8	4	0
4	3915	E Las Posas Rd	23	0	10	0
5	1502	Applewood Ln	0	0	8	0
6	3014	Brittany Park Rd	0	0	0	0
7	1948	Blanchard Rd	0	0	4	0
8	1876	Yucca Drive	0	4	6	8
Totals	**18230**		**32**	**37**	**65**	**15**

NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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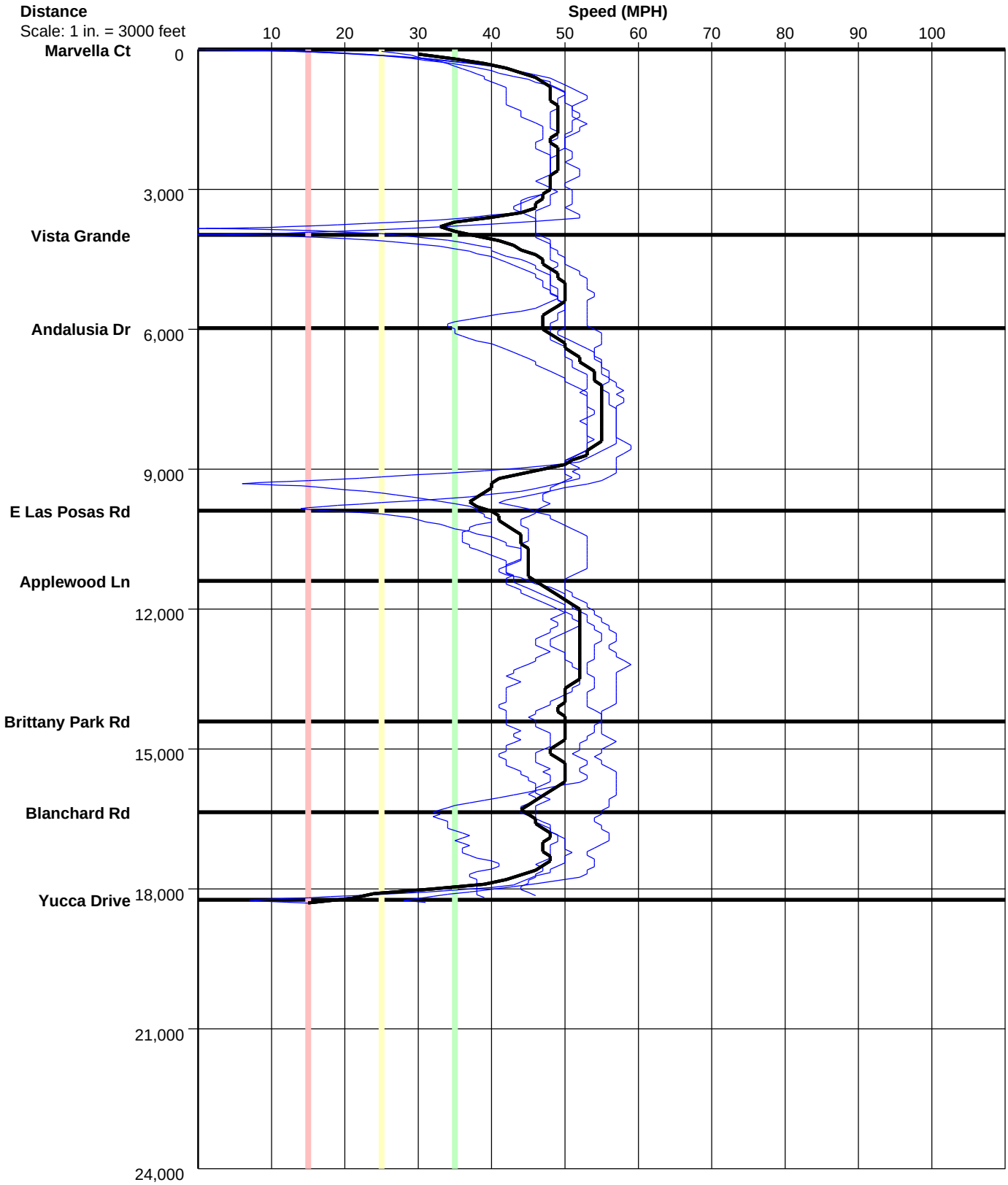
Speed/Distance Profiles of All Runs



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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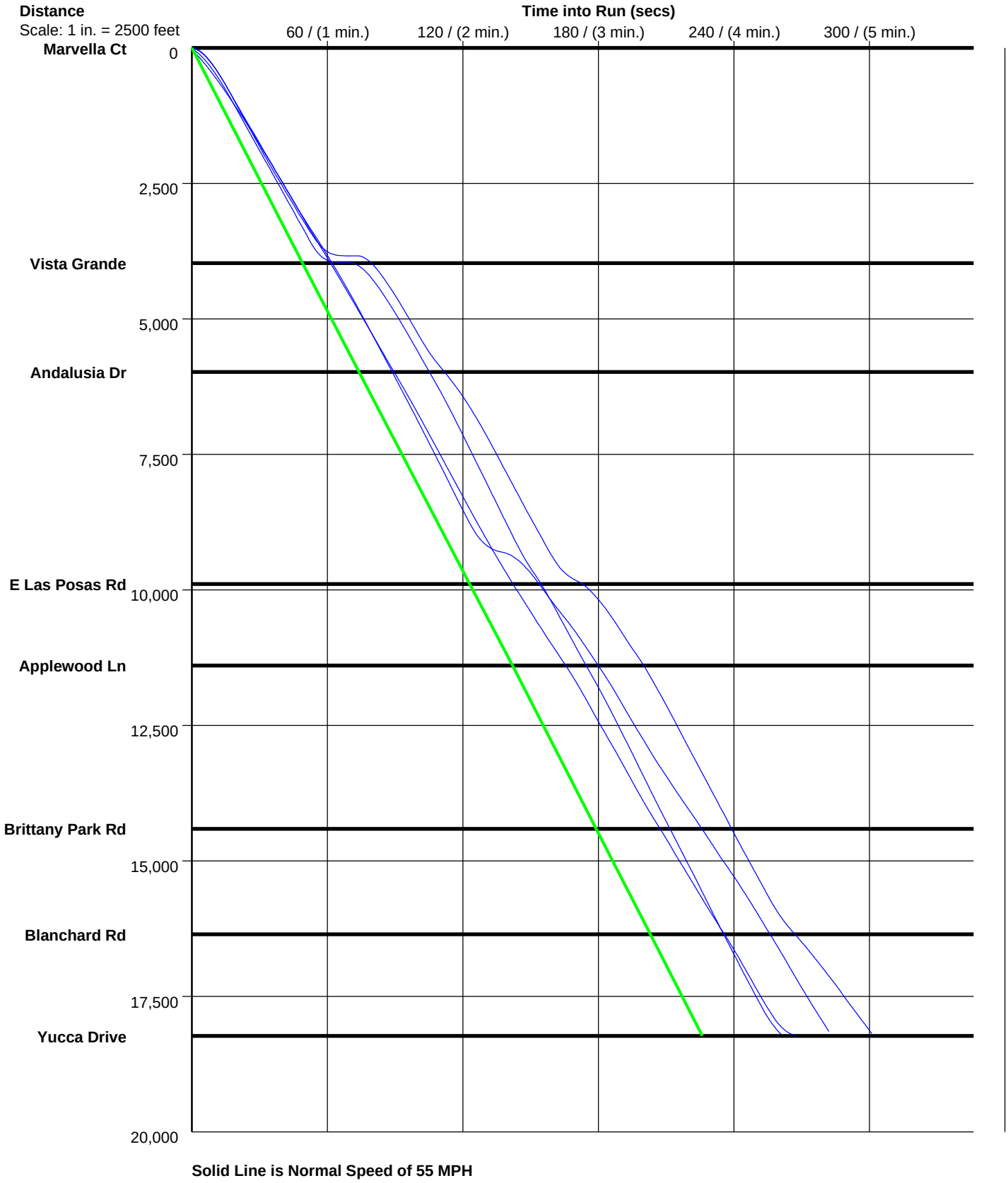
Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 55 MPH

NDS
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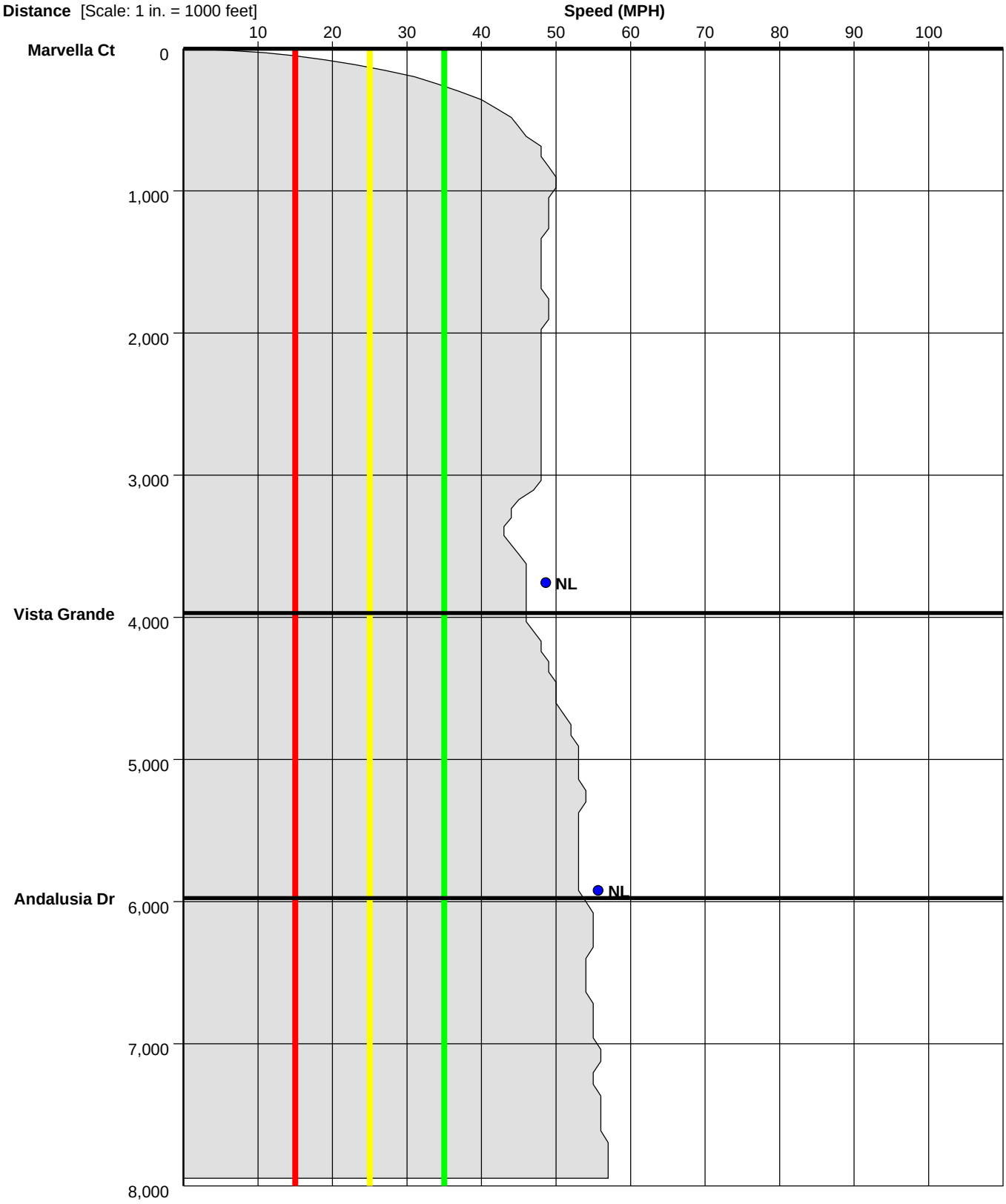
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **13**

Speed Profile

Run : Santa Rosa Road-PM-WB-001 After Start Time: 16:12 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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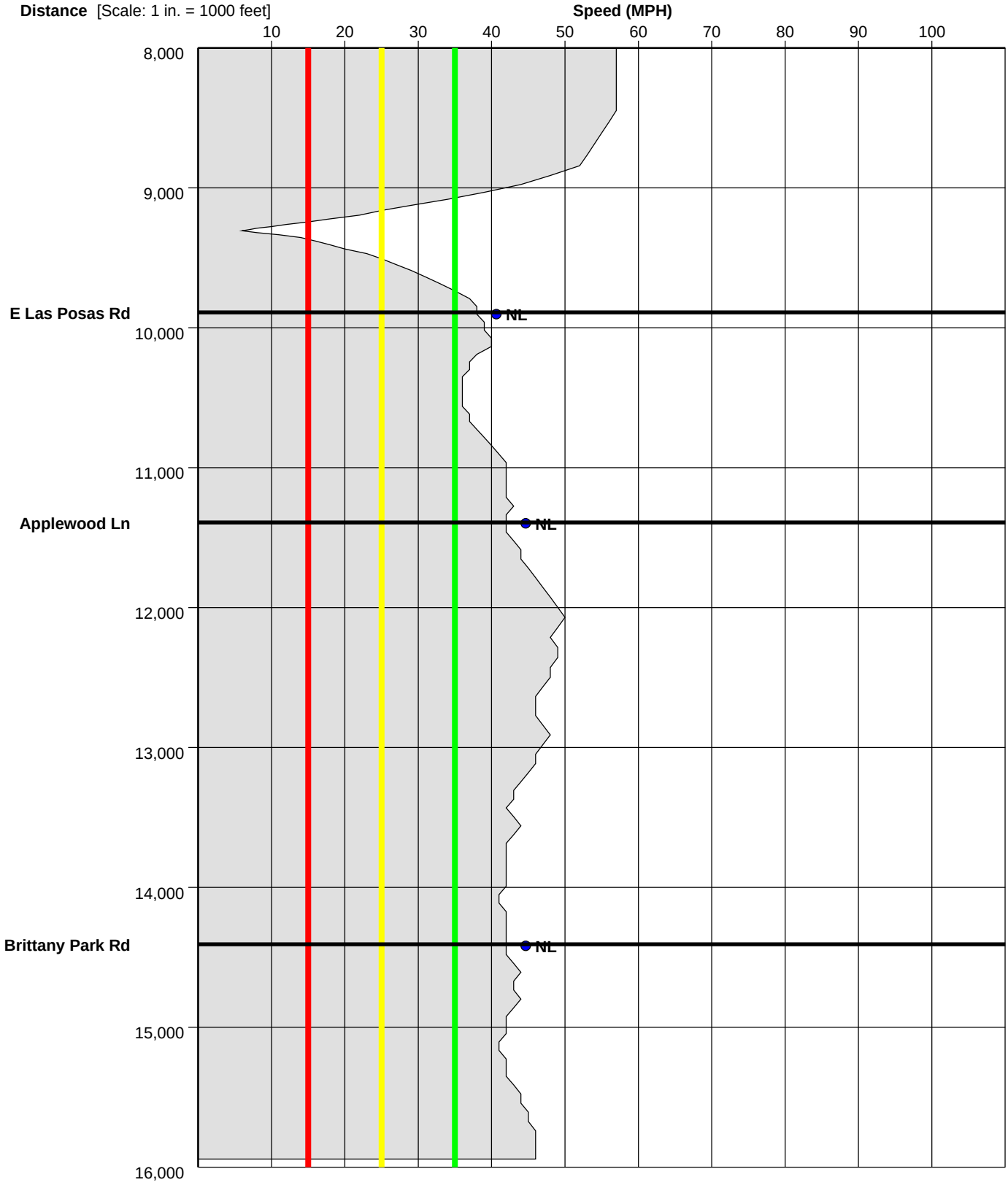
Speed Profile

Run : Santa Rosa Road-PM-WB-001 After Start Time: 16:12 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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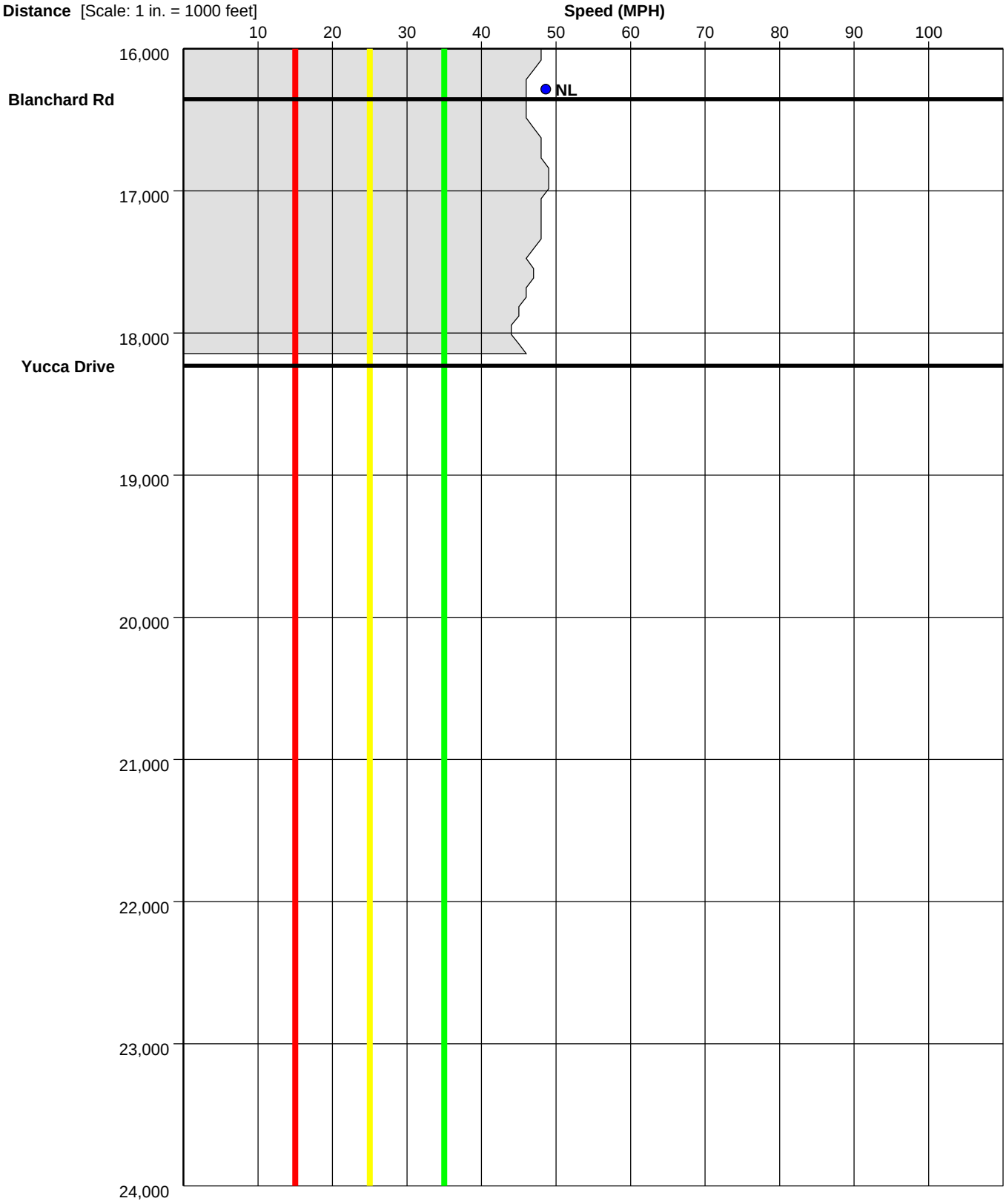
Speed Profile

Run : Santa Rosa Road-PM-WB-001 After Start Time: 16:12 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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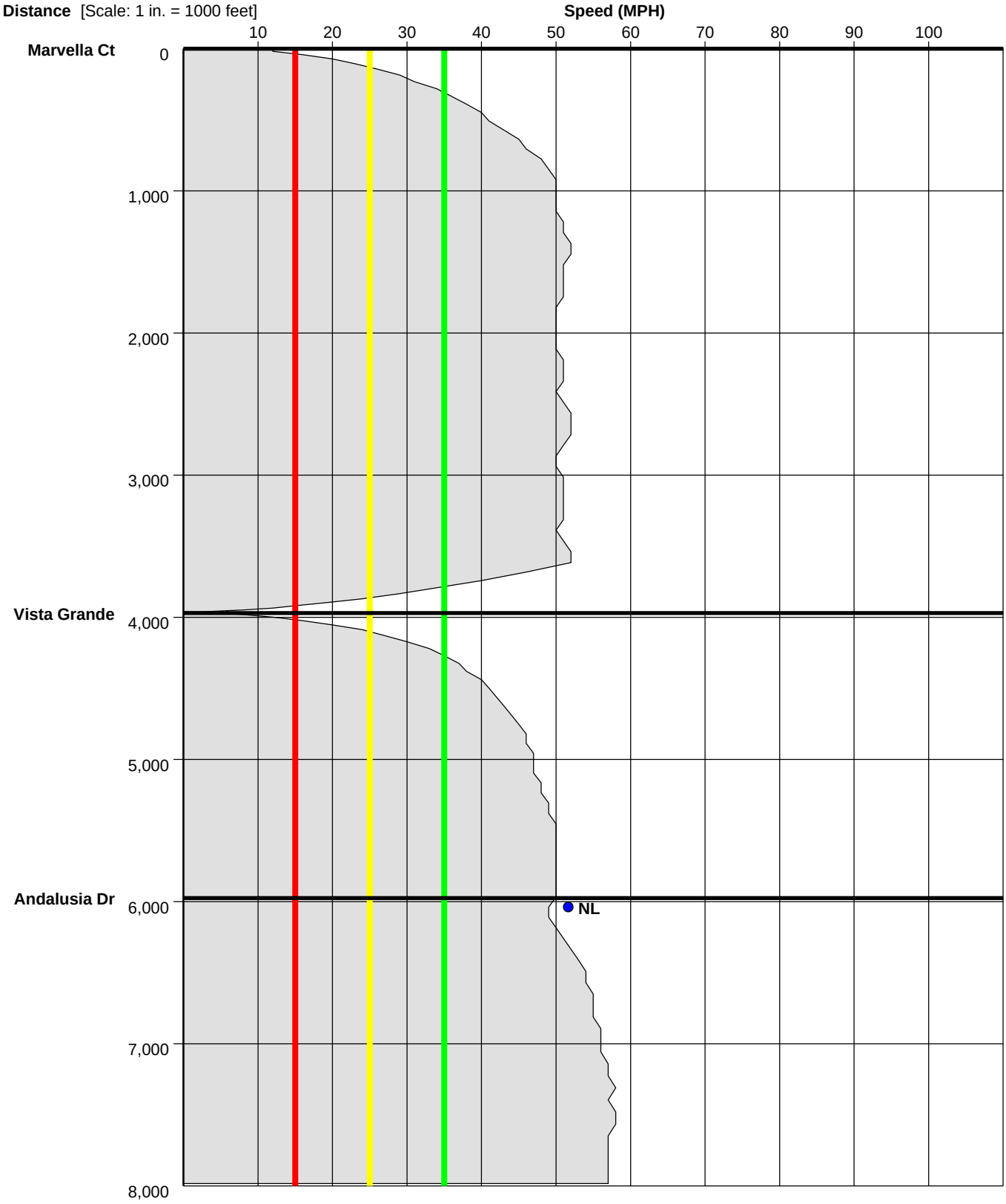
Speed Profile

Run : Santa Rosa Road-PM-WB-002 After Start Time: 16:27 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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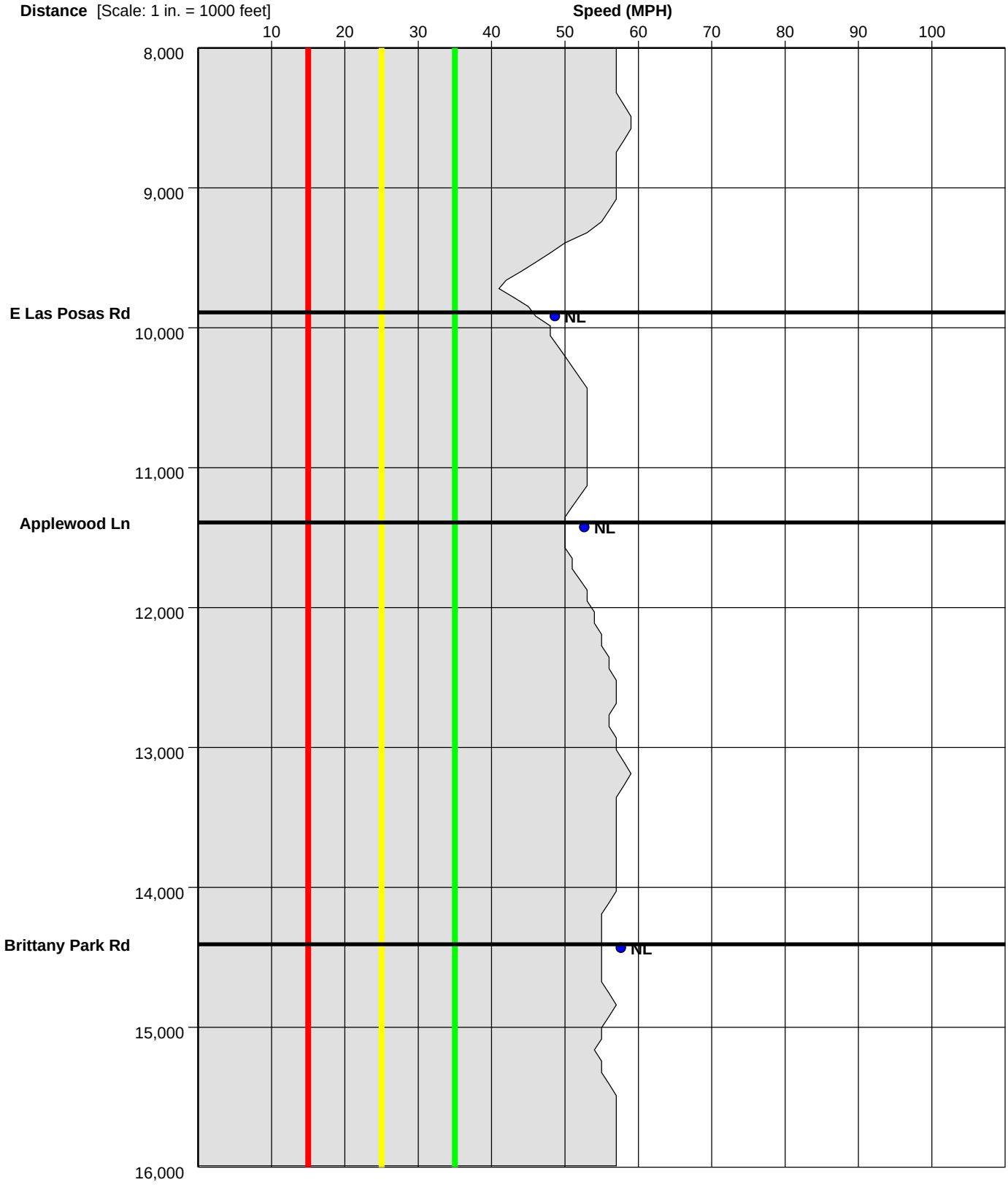
Speed Profile

Run : Santa Rosa Road-PM-WB-002 After Start Time: 16:27 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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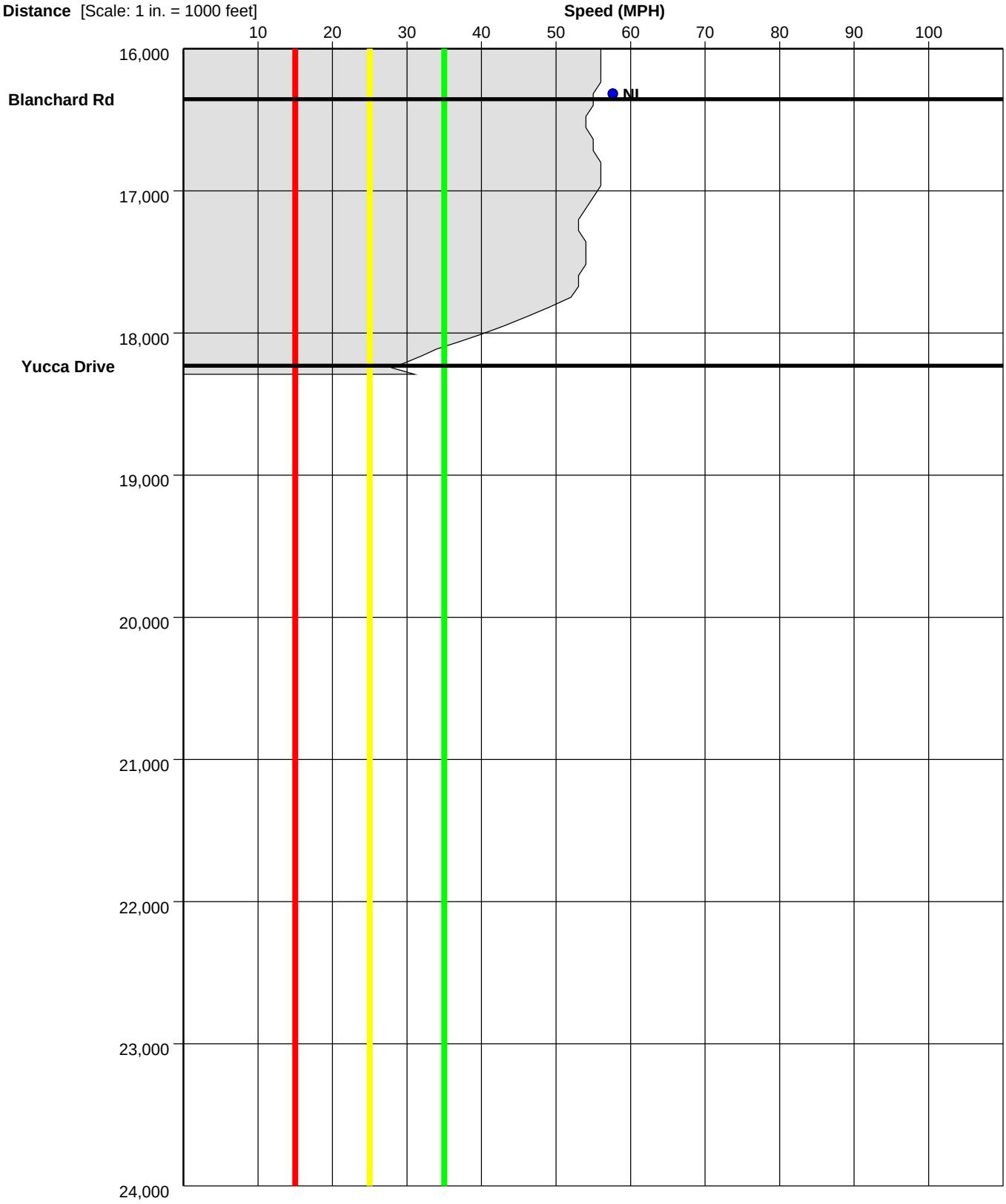
Speed Profile

Run : Santa Rosa Road-PM-WB-002 After Start Time: 16:27 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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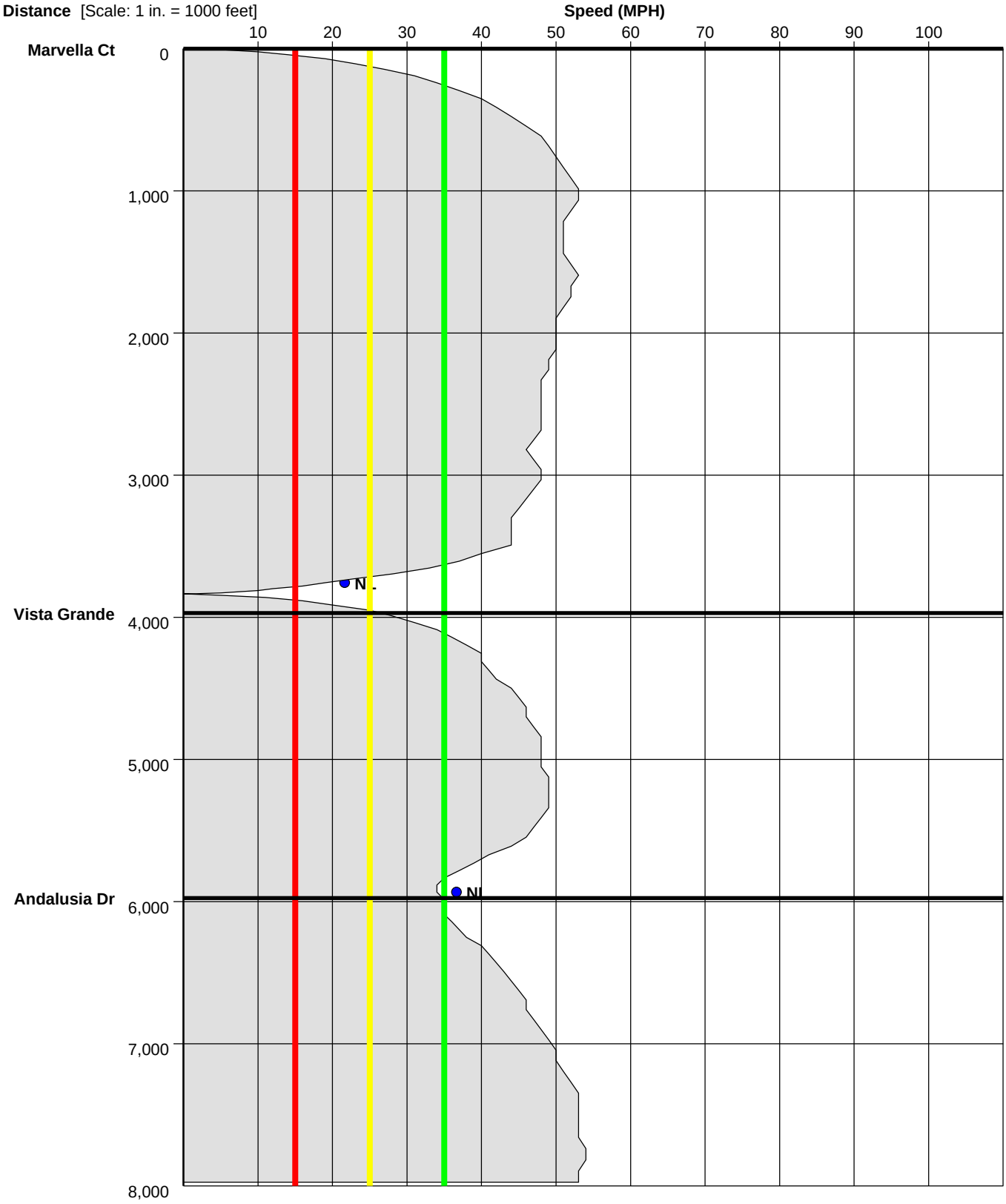
Speed Profile

Run : Santa Rosa Road-PM-WB-003 After Start Time: 16:43 (This is an After Run)

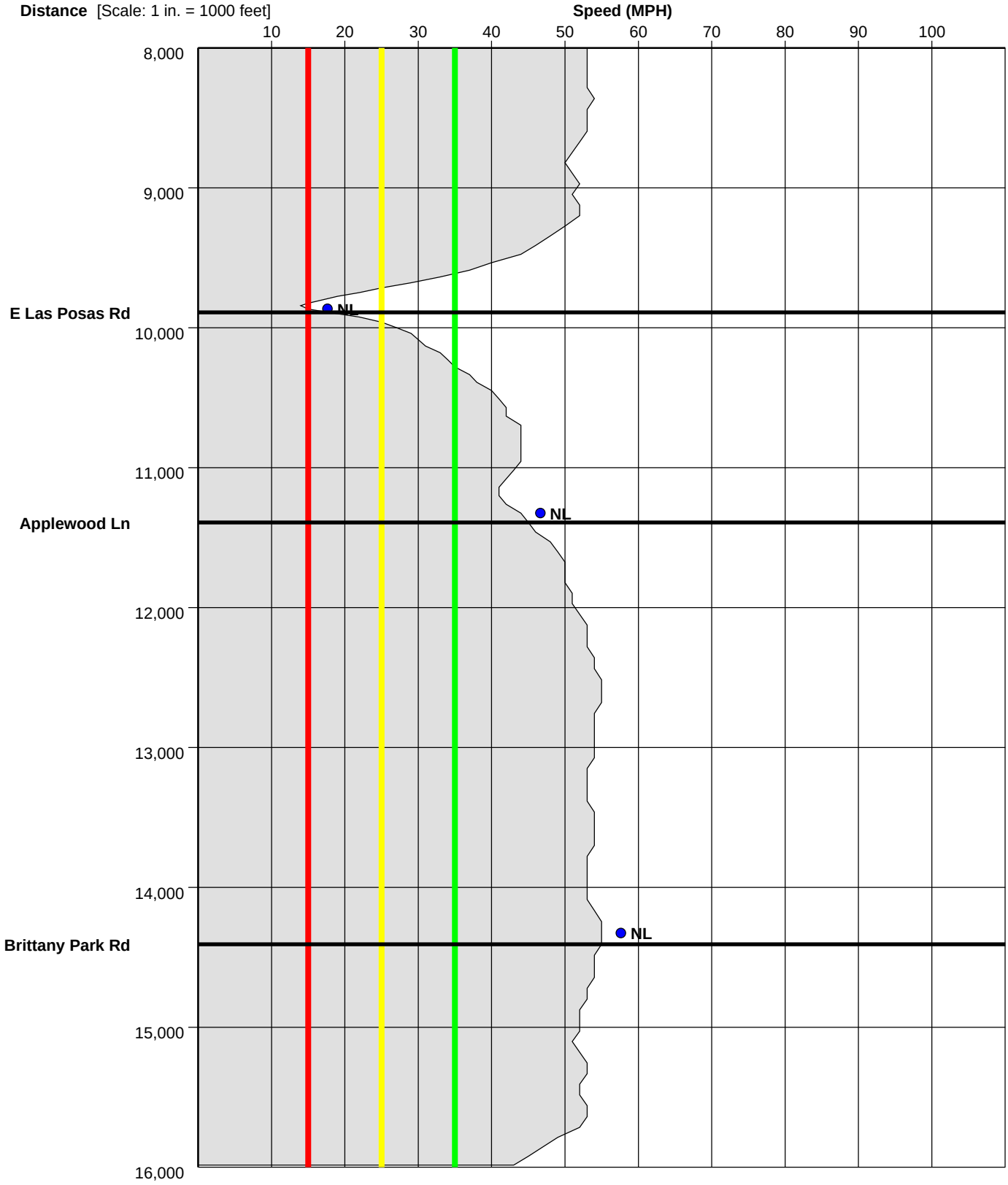


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **20**

Speed Profile

Run : Santa Rosa Road-PM-WB-003 After Start Time: 16:43 (This is an After Run)

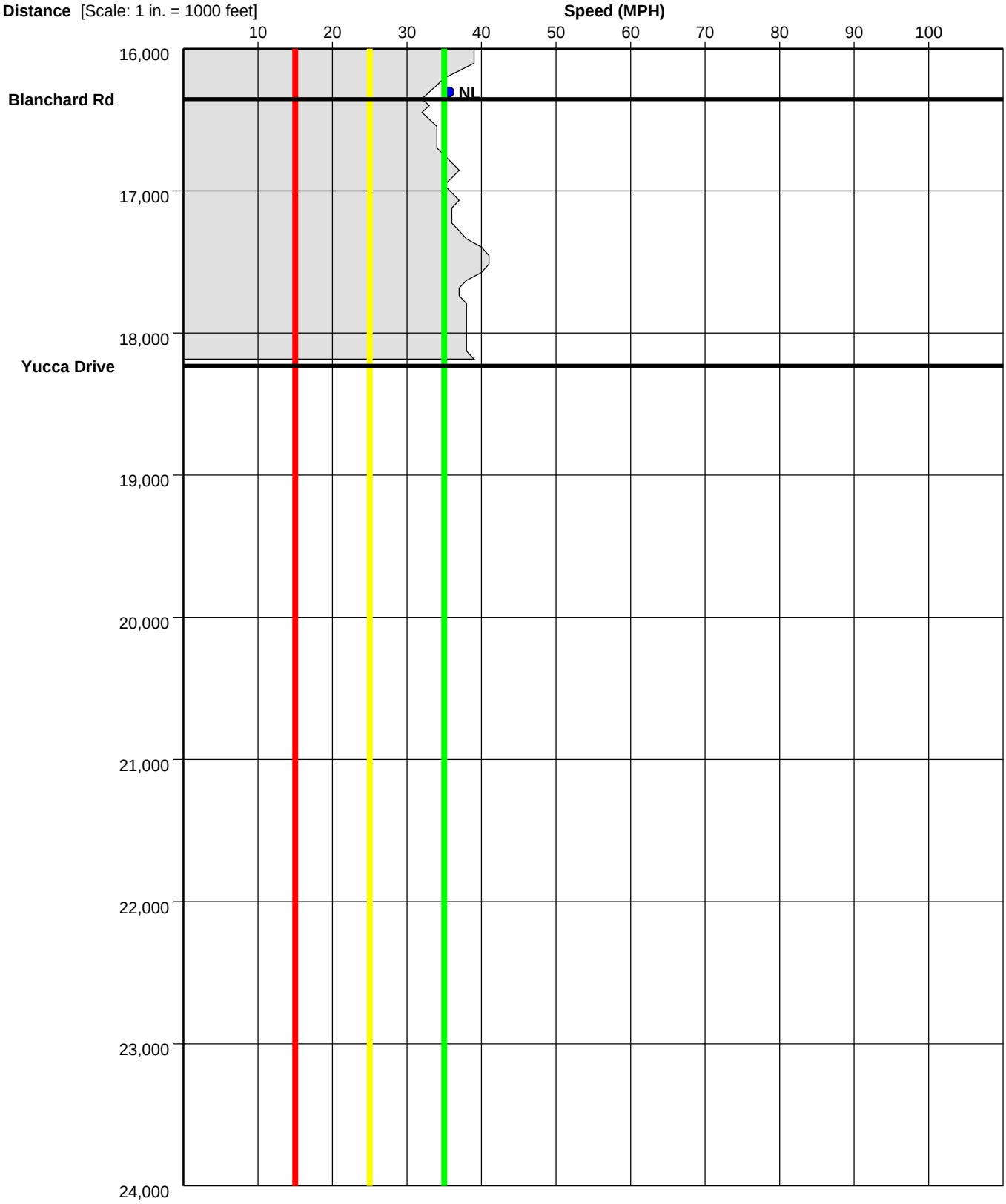


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **21**

Speed Profile

Run : Santa Rosa Road-PM-WB-003 After Start Time: 16:43 (This is an After Run)

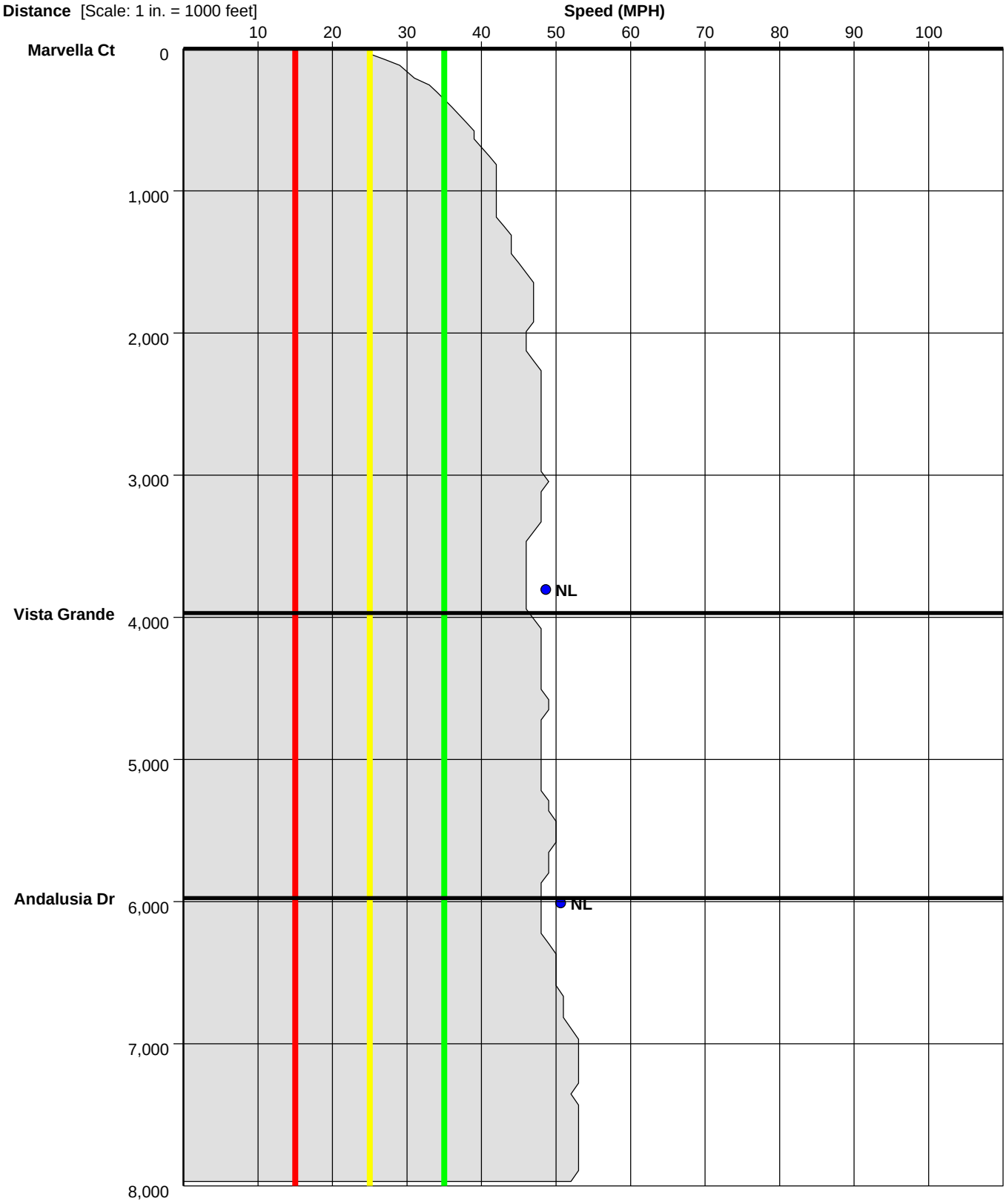


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **22**

Speed Profile

Run : Santa Rosa Road-PM-WB-004 After Start Time: 17:05 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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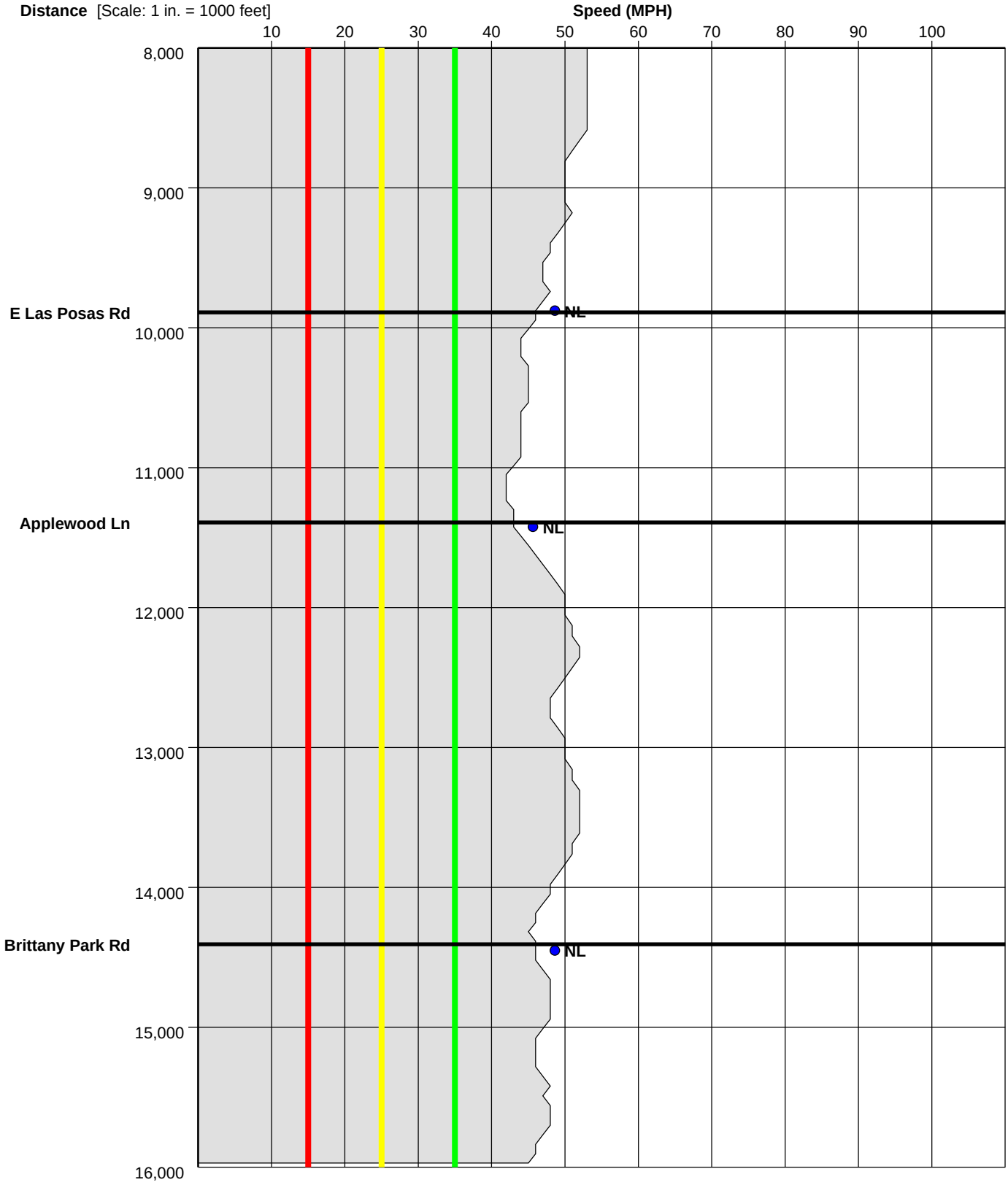
Speed Profile

Run : Santa Rosa Road-PM-WB-004 After Start Time: 17:05 (This is an After Run)

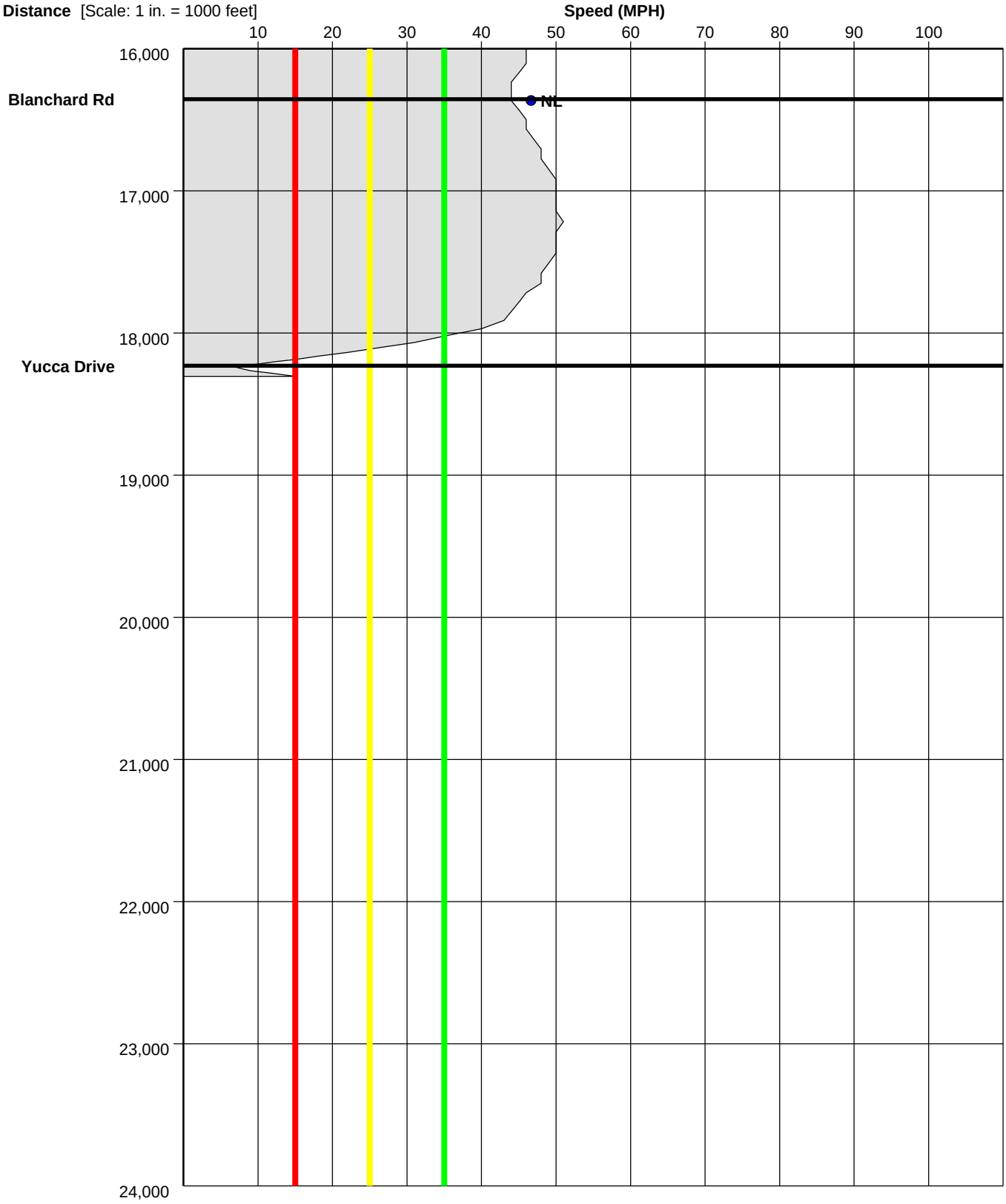


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **24**

Speed Profile

Run : Santa Rosa Road-PM-WB-004 After Start Time: 17:05 (This is an After Run)



NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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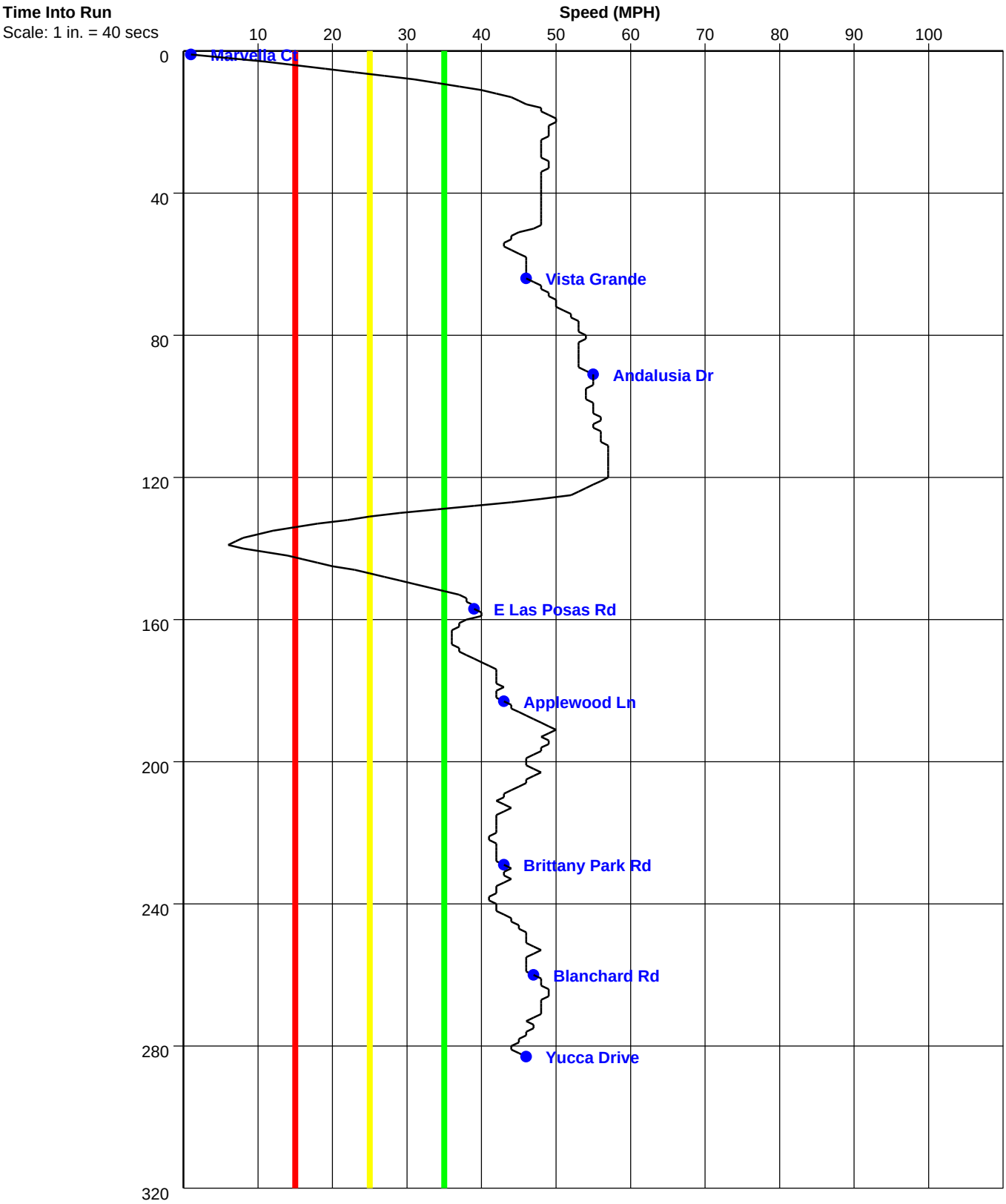
Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-001 After Start Time:16:12 (This is an After Run)

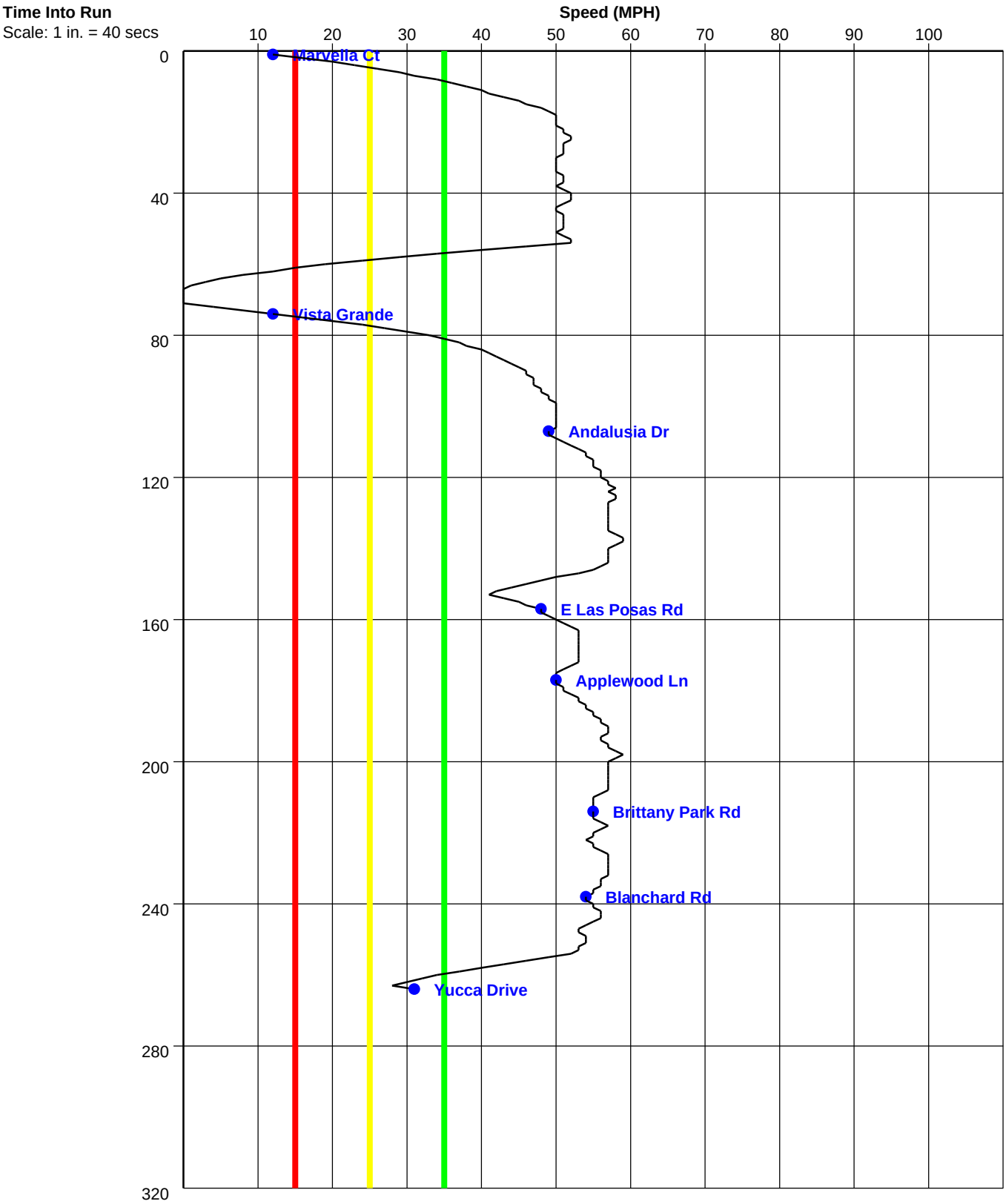


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **26**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-002 After Start Time:16:27 (This is an After Run)

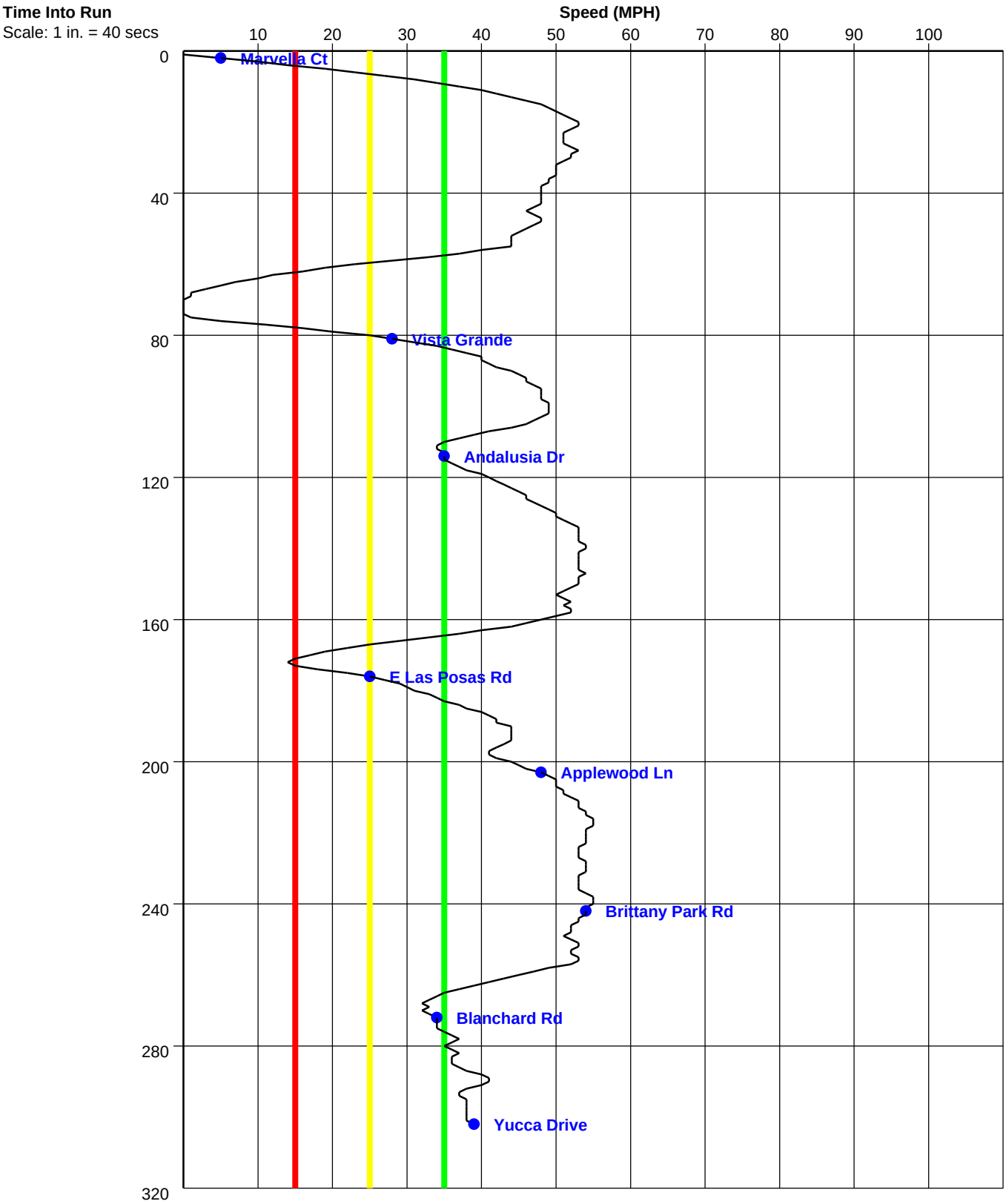


NDS
18-5687
PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
Page No. : **27**

Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-003 After Start Time:16:43 (This is an After Run)



NDS

18-5687

PM-WB

Study Name : **18-5687-PM-WB**
Study Date : **17-10-2018**
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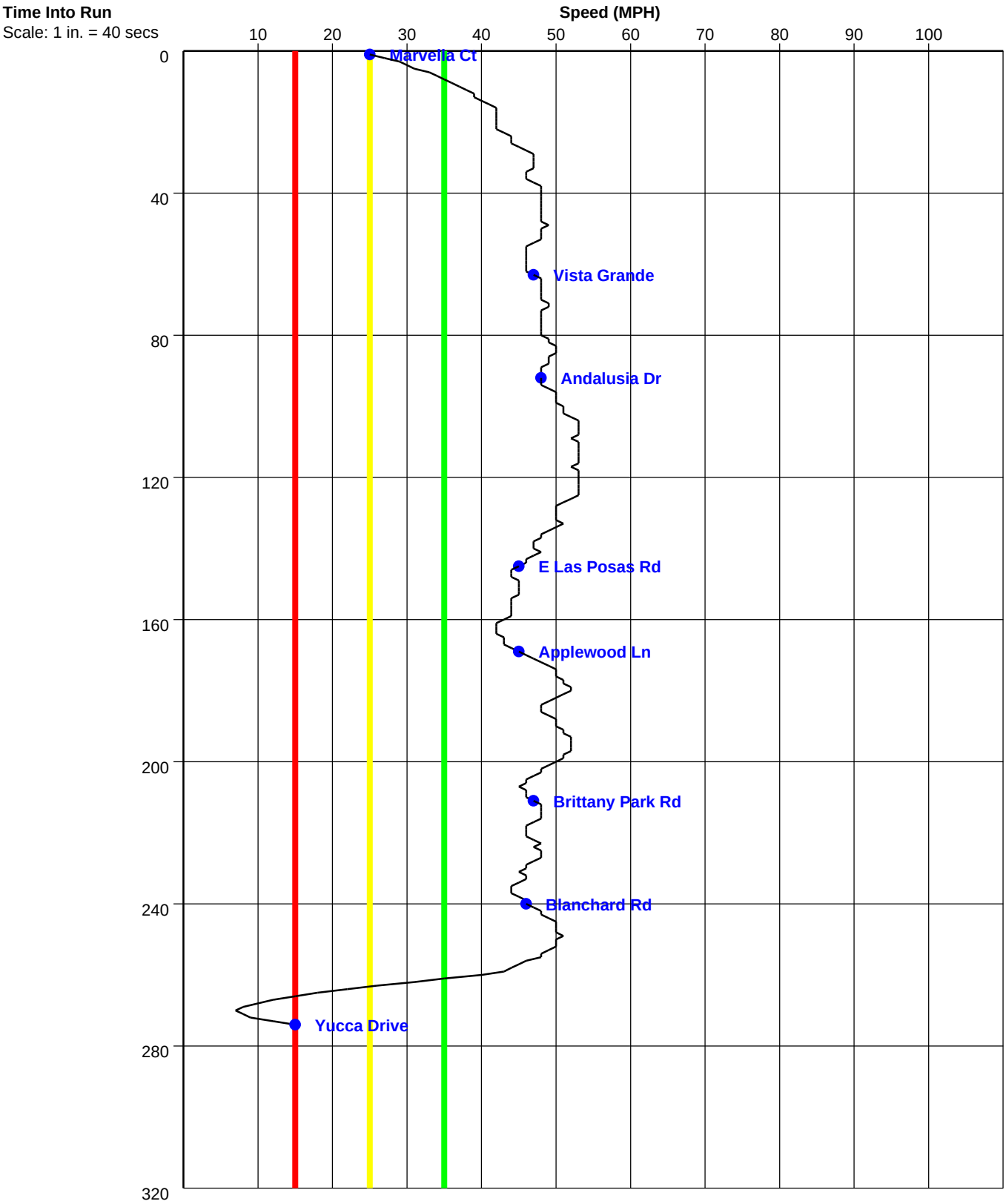
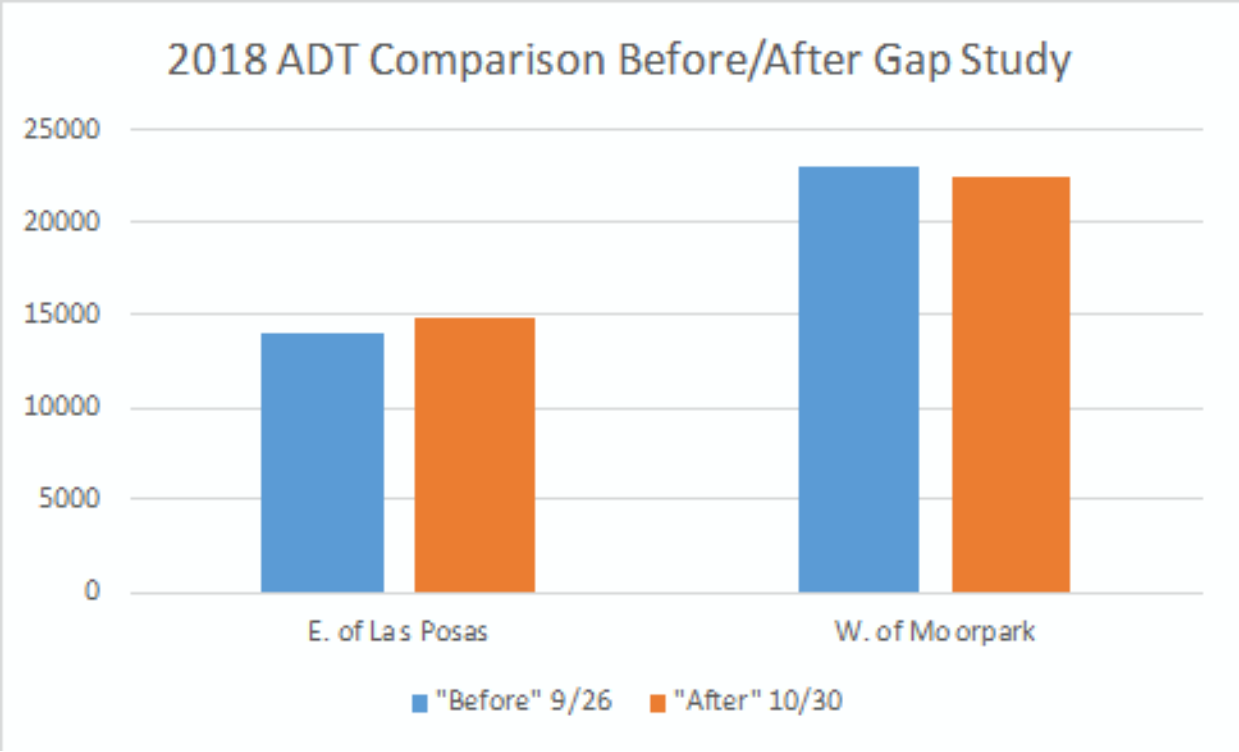
Time-Based Speed Profile

Run : Santa Rosa Road-PM-WB-004 After Start Time:17:05 (This is an After Run)



APPENDIX G – SUPPLEMENTAL COUNT DATA