

# Pruneridge Avenue Bicycle Lane Improvements Post-Construction Traffic Study

Prepared for  
City of Santa Clara  
Traffic Engineering Division

Prepared by



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This document contains information concerning the evaluation of the new traffic modifications in place along Pruneridge Avenue in Santa Clara, CA from Pomeroy Avenue to the western City Limits

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## **1. SUMMARY:**

Kimley-Horn and Associates, Inc. (KHA) was retained by the City of Santa Clara to provide traffic engineering services for the Post-Construction Traffic Study (Study) of the Pruneridge Avenue Bicycle Lanes Improvements Project (Project). The Project installed bicycle lanes on Pruneridge Avenue from Pomeroy Avenue to the western City Limits. To allow the installation of bicycle lanes and retain the existing on-street parking, Pruneridge Avenue was modified with the following changes:

- Restriped from two traffic lanes in each direction to one traffic lane in each direction with a two-way left-turn lane between them.
- At the intersection of Pruneridge Avenue and Pomeroy Avenue, an eastbound left-turn lane was added and one of the two westbound through lanes was re-striped to a right-turn lane.

The purpose of this Study is to evaluate the performance of the corridor after the modifications have been in place for a few months. This Traffic Analysis Report (Report) summarizes the findings of the traffic analysis performed for this Study. The installation of the bicycle lanes and lane re-striping was completed in January 2012.

## **2. STUDY AREA:**

The study area for the Study encompasses the entire Project's corridor on Pruneridge Avenue from Pomeroy Avenue to the western Santa Clara city limit, near Tantau Avenue (in the City of Cupertino). Data was collected and observations were made at various locations along the corridor including the signalized intersections and midblock locations on Pruneridge Avenue. **Figure 1** illustrates the study area.

## **3. TRAFFIC VOLUME DATA:**

Traffic volumes are important to consider when comparing the traffic operations before and after construction on Pruneridge Avenue due to the new lane geometry. The corridor was modified from two lanes of traffic in each direction to one lane of traffic in each direction, essentially cutting its capacity in half. To compare the Average Daily Traffic (ADT) along the corridor before and after construction, 24-hour machine counts were collected for seven days on Pruneridge Avenue between Pomeroy Avenue and Lawrence Expressway. The machine counts were collected from Wednesday, June 6, 2012 to Tuesday, June 12, 2012. The City of Santa Clara provided 24-hr machine counts collected before construction from Tuesday, May 11, 2010 to Thursday, May 13, 2010 at the same location. The ADT volumes were calculated and compared. A summary of the results can be found in **Table 1**. Copies of the complete ADT counts are located in the Appendix A.

**Table 1: 24-hour Average Daily Traffic (ADT) Volumes Summary**

Location	Date	Period	Eastbound Average	Westbound Average	Total
Pruneridge Avenue (Pomeroy Ave-Lawrence Expwy)	May 2010	Weekday (T-Th)	6,322	6,580	12,902
	June 2012	Weekday (T-Th)	6,221	6,090	12,311

The ADT totals before and after construction of the Project differ by less than 5%. Because of this, it is assumed that the addition of bike lanes and removal of one traffic lane in each direction has not affected the utilization of Pruneridge Avenue by drivers.

Pruneridge Avenue currently carries an average of 12,300 vehicles per day on weekdays. While the average daily traffic volumes are balanced, the peak period counts show the peak directions on Pruneridge Avenue to be westbound during the morning peak period and eastbound during the evening peak period. The maximum hourly volumes during the data collection period were 865 vehicles in the westbound direction during the AM peak period and 805 vehicles in the eastbound direction during the PM peak period. These peak values are less than 50% of the theoretical maximum flow (i.e., saturation flow rate) of about 1900 vehicles per hour per lane.<sup>1</sup> These numbers show Pruneridge Avenue is operating at much less than capacity even after removal of one traffic lane in each direction. This was confirmed by field observations during both the AM and PM peak periods on June 6, 2012 and June 9, 2012. Traffic flows freely on Pruneridge Avenue between Tantau Avenue and Pomeroy Avenue with the main source of delay coming from the long cycle lengths at Lawrence Expressway which existed before construction.

Along with ADT counts, bicycle counts were conducted during the AM and PM peak hours on a weekday and on the weekend both before construction of the bike lanes project and after construction was completed. The 'Before' counts were collected at the intersection of Pruneridge Avenue and Pomeroy Avenue on Thursday, May 6, 2010 and Saturday, May 8, 2010 between the hours of 7:30-8:30 AM and 5:00-6:00 PM. The 'After' bicycle counts were collected at the same intersection on Wednesday, June 6, 2012, and Saturday June 9, 2012 between the same hours as the 'Before' bicycle counts. **Table 2** summarizes the results of the 'Before' and 'After' bicycle counts entering the intersection. Copies of the complete bicycle counts are located in Appendix A.

1. Source: Highway Capacity Manual (TRB, 2000, 16-10)

**Table 2: Pruneridge Avenue and Pomeroy Avenue 'Before' and 'After' Bicycle Counts**

Weekday Bicycle Counts		AM	PM	<i>Total</i>
	Before	5	3	8
	After	19	17	36
	Difference	+14	+14	+28
	<i>% Change</i>	280%	467%	350%
Weekend Bicycle Counts		AM	PM	<i>Total</i>
	Before	10	14	24
	After	20	8	28
	Difference	+10	-6	+4
	<i>% Change</i>	100%	-43%	17%
Combined Weekday and Weekend		AM	PM	<i>Total</i>
	Before	15	17	32
	After	39	25	64
	Difference	+24	+8	+32
	<i>% Change</i>	160%	47%	100%

The results of the bicycle counts show that weekday usage increased by 350% while weekend usage increased by 17% for a net increase of 100%. The significant increase may be attributed to more commuter bicyclists using the new bike lanes on weekdays. The slight increase in demand on the weekend may be attributed to recreational cyclists beginning to alter their established routes to incorporate the newly installed bike lanes on Pruneridge Avenue. It is anticipated that a greater number of cyclists will use this roadway as it becomes more well-known that dedicated bike lanes have been installed.

**Figure 1: Study Area**



Map courtesy of Google ©2012

#### **4. SIGNALIZED INTERSECTION LEVEL OF SERVICE ANALYSIS:**

KHA evaluated the operation of the Pruneridge Avenue and Pomeroy Avenue intersection before and after construction of the Pruneridge Avenue Bicycle Lanes

Project. Turning movement counts were collected and traffic models were created in *Synchro* for both the AM (7:00-9:00 AM) and PM (4:00-6:00 PM) peak periods. **Table 3** summarizes the delay results, and Level of Service (LOS); a traffic flow rating from A to F, A being the best rating and F being the worst.

**Table 3: Pruneridge Avenue and Pomeroy Avenue Intersection Delay LOS**

Intersection	Before Construction				After Construction			
	AM Peak		PM Peak		AM Peak		PM Peak	
	LOS	Delay	LOS	Delay	LOS	Delay	LOS	Delay
Pruneridge Avenue and Pomeroy Avenue	A	7.7	A	8.3	A	8.3	A	7.8

After construction the intersection delay increased slightly during the AM peak period but decreased slightly during the PM peak period. However, the LOS remained constant at LOS A for both peak periods. By adding an exclusive left-turn lane to the eastbound Pruneridge Avenue approach and an exclusive right-turn lane to the westbound Pruneridge Avenue approach, the intersection delay remained virtually unchanged even with the removal of one through lane in each direction. This was confirmed with field observations during the AM and PM peak periods. The delays were observed to be minimal during these periods.

The other signalized intersections on the corridor at Lawrence Expressway and Tantau Avenue should see little to no impact to delay and LOS because the Project left the lane geometry unchanged at these intersections.

## 5. QUEUING ANALYSIS:

Based on the traffic models, a queuing analysis was conducted at the intersection of Pruneridge Avenue and Pomeroy Avenue for both the AM and PM peak periods using the 50<sup>th</sup> and 95<sup>th</sup> percentile queue lengths.

A field review of queuing was also conducted at the intersections of Pruneridge Avenue and Pomeroy Avenue and Pruneridge Avenue and Lawrence Expressway during the AM and PM peak periods. These observations were compared with the queuing analysis results from the model which confirmed the model's results to be accurate. The translation from number of vehicles to feet was done assuming an average vehicle occupies twenty-five feet while in a queue. **Table 4** shows the intersection queuing at said intersections.

**Table 4: Pruneridge/Pomeroy and Pruneridge/Lawrence Intersection Queuing**

Intersection	Turning Movement	Queue Lengths (ft)		Queue Lengths (ft)	
		50 <sup>th</sup> Percentile		95 <sup>th</sup> Percentile	
		AM Peak	PM Peak	AM Peak	PM Peak
Pruneridge Avenue and Pomeroy Avenue	Eastbound Left (EBL)	25	25	17	36
	Eastbound Through (EBT)	87	231	110	319
	Westbound Through (WBT)	303	95	352	121
	Westbound Right (WBR)	0	0	10	12
	Southbound Left (SBL)	25	65	51	89
	Southbound Right (SBR)	0	0	34	36
Pruneridge Avenue and Lawrence Expressway	Eastbound Left (EBL)	111	77	203	187
	Eastbound Through (EBT)	157	331	274	840
	Westbound Left (WBL)	228	188	615	489
	Westbound Through (WBT)	125	228	1413	472

The queue lengths at Pruneridge Avenue and Pomeroy Avenue are consistent with field observations. During the AM peak period, the westbound through movement experienced the longest queues with an average of about nine vehicles and maximum of twelve vehicles. During the PM peak period, the eastbound through movement experienced the longest queues with an average of seven vehicles and maximum of nine vehicles. The critical queue length to consider for this intersection is the eastbound left turn. The new eastbound left turn has a storage length of 100 feet. If the queue length exceeds this storage, the eastbound through movement will be affected adversely. Since the 95<sup>th</sup> percentile queue lengths for the eastbound left-turns are well below 100 feet, queuing issues are not anticipated at the intersection of Pruneridge and Pomeroy Avenues.

Vehicle queues were also observed at the intersection of Pruneridge Avenue and Lawrence Expressway on Wednesday, June 6, 2012, during the AM and PM peak periods. During the AM peak period the maximum queue observed was ten vehicles in the westbound direction and during the PM peak period the maximum queue observed was nine vehicles in the eastbound direction. The model shows longer queues expected at the peak periods which have been observed. Queues close to the 95<sup>th</sup> percentile queues

have been reported during the peak periods at Lawrence Expressway. These queues are likely caused by restriping Pruneridge Avenue to one lane from two. This eliminated a lane of vehicle storage which in turn, holding all other factors constant, would double the length of the queue. Although the peak period queues are longer than before the project, the cycle length at Lawrence Expressway is of sufficient length to allow the queue to clear the intersection within one cycle and not create any significant additional delay.

## 6. TRAVEL TIME SURVEY:

A floating vehicle survey was conducted during the AM and PM weekday and weekend peak periods to measure the existing travel time and delay along the corridor. The surveys were conducted on Wednesday, June 6, 2012 and Saturday, June 9, 2012. The corridor limits along Pruneridge Avenue are Tantau Avenue in the west and Pomeroy Avenue in the east. The results of the study for each peak period are summarized in **Table 5**.

**Table 5: Pruneridge Avenue After Study Travel Time Summary**

Corridor	Time Period	Direction	Average Travel Time (min:sec)	Average Stop Delay (min:sec)	Average Stops (#)	Average Speed (mph)
Pruneridge Avenue <sup>[1]</sup>	AM Weekday	Eastbound	3:44	2:20	2.0	15.0
		Westbound	2:55	1:31	3.2	19.1
	PM Weekday	Eastbound	3:52	2:28	3.2	14.5
		Westbound	2:58	1:34	3.0	18.8
	AM Weekend	Eastbound	2:32	1:09	1.7	22.1
		Westbound	2:18	0:55	1.8	24.2
	PM Weekend	Eastbound	2:33	1:10	2.3	21.9
		Westbound	2:43	1:19	2.5	20.5

[1] Travel time survey conducted between Tantau Avenue and Pomeroy Avenue with a total distance of 4,922 feet.

During the weekday AM and PM peak periods, the average travel time along Pruneridge Avenue is just under four minutes in the eastbound direction and about three minutes in the westbound direction. In the eastbound and westbound directions there is an average of about three stops and average speeds around fifteen miles per hour and nineteen miles per hour, respectively.

During the weekend, the average travel time along Pruneridge Avenue is about two and a half minutes in both the eastbound and westbound directions. There are typically about two stops and an average speed around twenty-two miles per hour during the AM and PM peak periods. Copies of the complete travel time surveys are located in Appendix C.

## 7. COLLISION HISTORY ANALYSIS:

As part of the Study, midblock collision data for the corridor was reviewed to determine any trends in incident rates and types of collisions. Incidents were also sorted based on



when they occurred, before construction or after construction, to determine if the new lane geometry has had any noticeable effect on incident rates or types.

Collision data from August 29<sup>th</sup>, 2005 through October 1<sup>st</sup>, 2012 was collected for Pruneridge Avenue between Pomeroy Avenue and Tantau Avenue. The data was organized by location into three different segments on Pruneridge Avenue in each direction. Before the Project (August 29<sup>th</sup>, 2005 to January 3<sup>rd</sup>, 2012) a total of 45 collisions were reported along these segments of Pruneridge Avenue over in 76 months, resulting in an average of just over one collision every two months. Of these collisions, eighteen were reported as injury collisions and none were reported as fatalities. After the Project (January 4<sup>th</sup>, 2012 to October 1<sup>st</sup>, 2012) a total of 6 collisions were reported on these segments of Pruneridge Avenue over approximately 8 months, resulting in an average of 0.75 collisions per month. Of these collisions, none were reported as injury collisions or fatalities. The collision data is summarized in **Table 6**.

**Table 6: Pruneridge Avenue Collision Summary - August 2005 through October 2012**

Pruneridge Avenue Segment				Segment Length (Miles)	No. of Collisions Before Project			No. of Collisions After Project		
					Total	Injury	Fatality	Total	Injury	Fatality
Pomeroy/Cronin	To	Lawrence	WB	0.5	8	2	0	3	0	0
Lawrence	To	Giannini	WB	0.3	8	2	0	1	0	0
Giannini	To	N Tantau	WB	0.3	2	0	0	0	0	0
N Tantau	To	Giannini	EB	0.3	3	4	0	0	0	0
Giannini	To	Lawrence	EB	0.3	7	2	0	0	0	0
Lawrence	To	Pomeroy/Cronin	EB	0.5	17	8	0	2	0	0
<b>Totals</b>				<b>1.1</b>	<b>45</b>	<b>18</b>	<b>0</b>	<b>6</b>	<b>0</b>	<b>0</b>

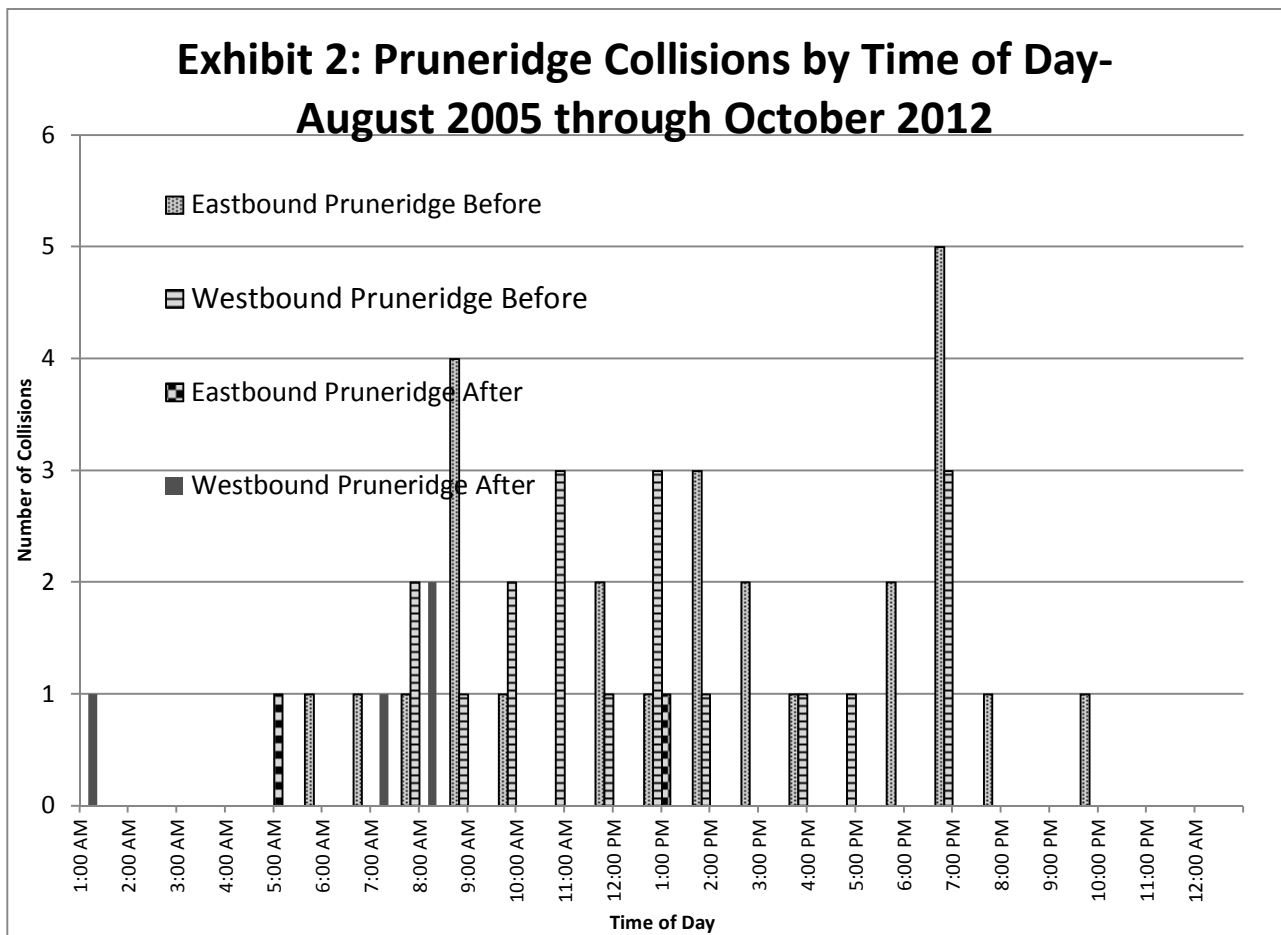
Midblock collisions on The Pruneridge Avenue corridor are shown by time of day and direction of travel in **Figure 2** where it can be seen that the pattern of collisions closely correlates to hourly traffic volumes along the corridor. About 60% of the collisions reported on Pruneridge Avenue over this seven year period occurred during the AM, Midday, and PM peak periods indicating that high traffic volumes are contributing factors.

Eastbound and westbound midblock collisions by type and by segment for Pruneridge Avenue are shown in **Figure 3** and **Figure 4**, respectively. Typically, rear-end collisions are the predominate type of collision that occurs. This type of collision is often

associated with congested conditions where stop and go driving takes place. 13% of the collision that occurred before construction were sideswipe collisions. The occurrence of this type of collision is likely to diminish with the reduction to a single traffic lane in each direction.

Before construction, there was an average of 1.22 collisions per million vehicle mile of travel on the Pruneridge Avenue corridor. Since construction was completed, the corridor has averaged 1.20 collisions per million vehicle miles of travel. Both of these rates fall below the national average of 1.86 collisions per million vehicle miles of travel.<sup>2</sup> These statistics will prove more telling as time passes because the study duration for incidents before construction is longer than the study duration for incidents after construction. A copy of the complete Traffic Collision History Report is located in Appendix D.

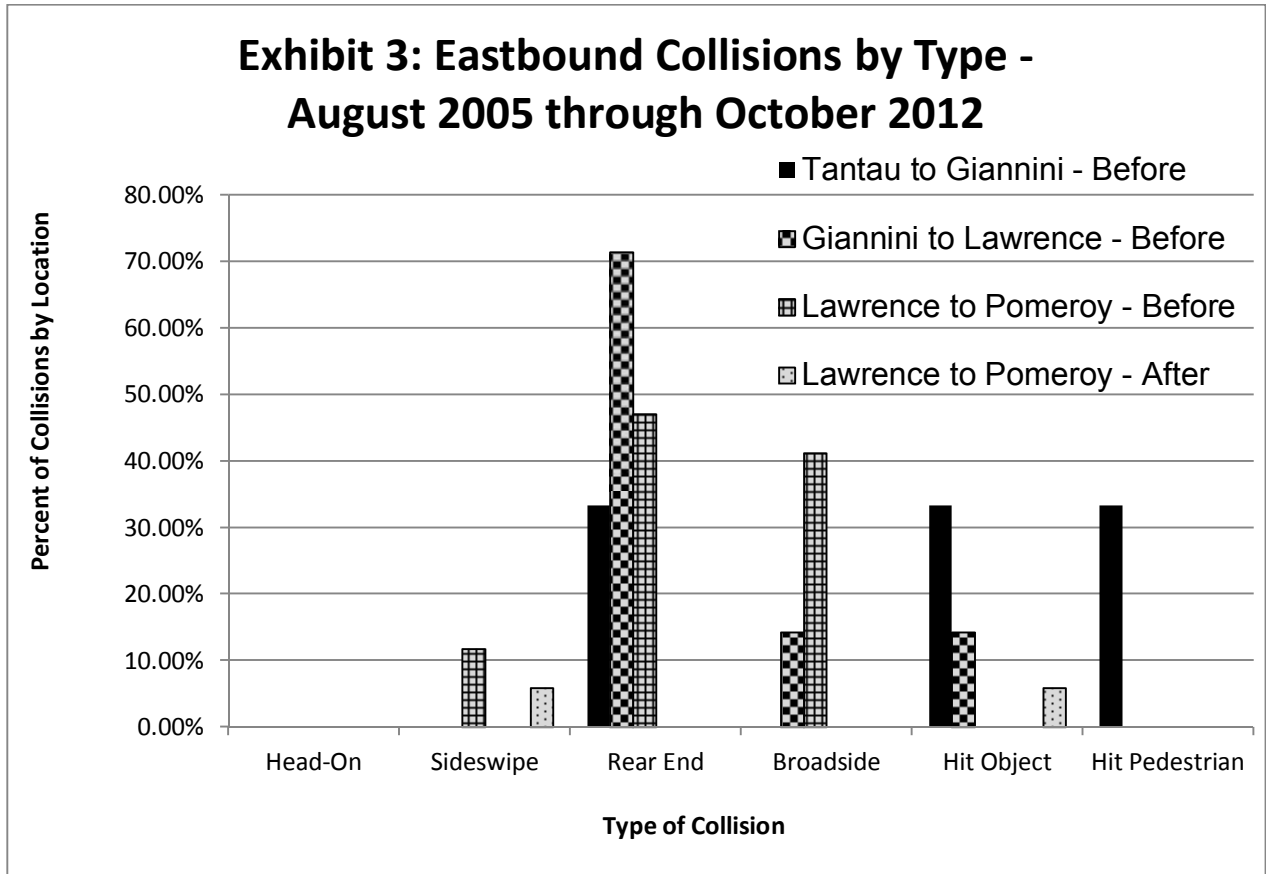
**Figure 2: Pruneridge Avenue Collisions by Time of Day - August 2005 through October 2012**



Note: Collision data after construction only includes 9 months of data (January 2012-October 2012)

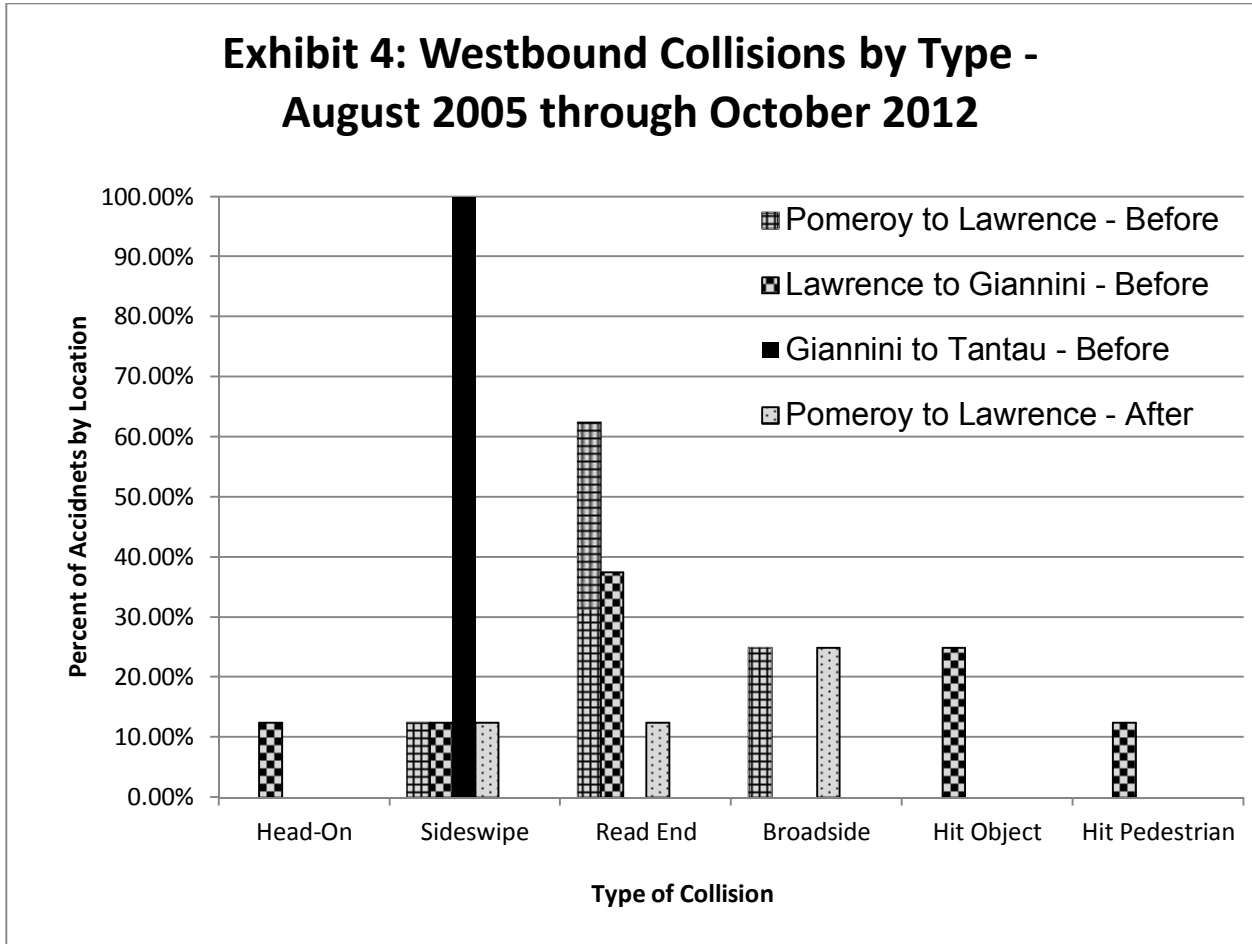
2. Source: USDOT FARS/GES 2009

**Figure 3: Eastbound Collisions by Type - August 2005 through October 2012**



Note: Collision data after construction only includes 9 months of data (January 2012-October 2012)

Figure 4: Westbound Collisions by Type - August 2005 through October 2012



Note: Collision data after construction only includes 9 months of data (January 2012-October 2012)

## 8. CONCLUSIONS:

The Pruneridge Avenue Bicycle Lanes Improvements Project installed dedicated bicycle lanes along the Project corridor while retaining on-street parking. The intention of installing bicycle lanes was to increase safety for cyclists, motorists and residents on the corridor and encourage cycling, by reducing vehicle and bicycle interactions. With the added safety inherent in dedicated bicycle lanes, ridership on Pruneridge Avenue has increased significantly and is expected to continue to rise as more cyclists become aware of the bike lane installations. One of the most visible changes to the Pruneridge Avenue corridor is the reduction from two traffic lanes in each direction to one traffic lane in each direction with a two-way left-turn lane in the middle.

To gain a complete picture of how the corridor is operating after construction, traffic counts were collected, field observations were made and a floating-car survey was

performed. The traffic counts showed that Pruneridge Avenue is being utilized by motorists at the same rate as before the bicycle lanes project.

With only one lane of traffic in each direction, the occurrence of sideswipe type collisions is likely to diminish, adding safety to the corridor for motorists. The installation of a two-way left-turn lane allows left turning vehicles, turning onto streets or into driveways, to wait for gaps in traffic without blocking the through traffic lane. This improvement decreases delay for motorists and will likely reduce the number of rear-end collisions on the corridor.

The City has received calls over the configuration at the intersection of Pruneridge Avenue and Harvard Avenue. Eastbound traffic on Pruneridge Avenue has a merge from two lanes to one lane just beyond the intersection. The concern is that eastbound traffic turning left onto northbound Harvard Avenue blocks the inside through lane on eastbound Pruneridge Avenue. The combination of the merge and the left-turning vehicles potentially create a confusing situation for drivers.

The lane geometry at this intersection was evaluated for consistency with design standards. Using the posted speed limit of 35 mph, the required merge length and the stopping sight distance on the eastbound approach of Pruneridge Avenue at Harvard Avenue both exceed the standards of 245' and 250', respectively.<sup>3</sup>

While the current roadway geometry meets applicable standards at the intersection, there may still be options to improve the current operations given the potential confusing situation described above. One option is to restripe the approach to provide a short left-turn pocket for the movement from eastbound Pruneridge Avenue to northbound Harvard Avenue. This option would reduce the possibility of turning vehicles blocking the inside through lane. Another option is to move the lane-drop (merge) further to the east on Pruneridge Avenue. By doing this, the confusing situation along this approach would be minimized, if not eliminated. Implementing this would require lane restriping and likely a loss of on-street parking along eastbound Pruneridge Avenue. Based on professional engineering judgement, the second option of moving the lane-drop (merge) further east is recommended. However, the impacts from the loss of on-street parking will need to be considered by the City.

The City also received an email from a resident expressing concern about visibility of drivers to see queued vehicles and stop in time. This project did not change roadway sight distances. Per the *California Highway Design Manual (6<sup>th</sup> Edition)*, the stopping sight distance for a 35-mph roadway is 250 feet. There is adequate visibility along the

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3. Source: California Department of Transportation Highway Design Manual, 6<sup>th</sup> Edition

roadway for vehicles traveling at the posted speed limit to stop before queued vehicles. To raise driver awareness of stopped vehicles, the installation of “Watch for Stopped Vehicles” SW60(CA) warning sign can be installed after a collision history has been developed. Per *California MUTCD (2012)*, this sign should be placed 100 feet in advance of expected vehicle queue.

Improvements were also made to the intersection of Pruneridge Avenue and Pomeroy Avenue in the bicycle lanes project. These include an exclusive eastbound left-turn lane, an exclusive westbound right-turn lane, new ADA compliant curb ramps and new handicap accessible pedestrian push buttons. These modifications provide benefits for both vehicles and pedestrians using the intersection.

A queuing analysis, as well as level of service and delay calculations, was performed with the help of a *Synchro* model and *SimTraffic*. The results from the analysis were then compared with the study performed before construction of the bike lanes project. The level of service calculation resulted in an LOS A and the delay remained virtually unchanged indicating the intersection is operating as well as it did before construction of the Project. The queuing analysis results showed that the 50<sup>th</sup> and 95<sup>th</sup> percentile queues will not cause significant issues at the intersection. All of the results from the analysis were confirmed with field observations during the peak traffic hours.

To keep queues on Pruneridge Ave from impacting traffic flows from cross-streets, installation of “Keep Clear” pavement markings at the following intersections near the eastbound approach of Pruneridge Ave/ Pomeroy Ave and eastbound and westbound approaches of Pruneridge Ave/ Lawrence Expressway is recommended:

- Pruneridge Ave/ Geneva Dr
- Pruneridge Ave/ Tracy Dr
- Pruneridge Ave/ Hillsdale Ave (existing “Keep Clear” at Pruneridge Ave/ Norwood Cir)
- Pruneridge Ave/ Harvard Ave

Overall, the Project improved safety for cyclists and motorists, increased cycling ridership on the corridor and improved pedestrian operation at Pomeroy Avenue without adversely affecting traffic operations, including parking, delay, or level of service.

## APPENDIX

## A: Traffic Counts



Volumes for: Wednesday, June 6, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	19	78			6	77				
12:15	15	91			6	77				
12:30	7	78			8	73				
12:45	7	94	48	341	1	79	21	306	69	647
1:00	9	78			6	84				
1:15	2	75			0	72				
1:30	5	71			2	82				
1:45	2	57	18	281	1	85	9	323	27	604
2:00	2	62			3	80				
2:15	1	88			0	54				
2:30	2	101			1	67				
2:45	1	109	6	360	2	94	6	295	12	655
3:00	2	96			2	99				
3:15	2	89			1	88				
3:30	2	116			0	84				
3:45	0	106	6	407	1	84	4	355	10	762
4:00	2	129			2	61				
4:15	1	149			1	77				
4:30	0	146			3	101				
4:45	2	155	5	579	2	93	8	332	13	911
5:00	3	179			10	78				
5:15	0	195			7	90				
5:30	4	199			12	111				
5:45	8	225	15	798	18	118	47	397	62	1195
6:00	16	232			28	133				
6:15	8	193			22	118				
6:30	6	189			41	111				
6:45	13	156	43	770	42	105	133	467	176	1237
7:00	16	114			60	92				
7:15	39	111			74	99				
7:30	46	84			135	73				
7:45	60	85	161	394	182	82	451	346	612	740
8:00	60	84			207	67				
8:15	85	78			167	52				
8:30	145	64			259	44				
8:45	86	70	376	296	211	62	844	225	1220	521
9:00	95	61			203	29				
9:15	84	48			133	31				
9:30	72	44			143	52				
9:45	73	44	324	197	115	43	594	155	918	352
10:00	62	42			103	40				
10:15	55	37			94	21				
10:30	72	26			90	21				
10:45	59	30	248	135	66	15	353	97	601	232
11:00	68	21			75	13				
11:15	66	19			71	15				
11:30	75	17			61	5				
11:45	75	11	284	68	61	9	268	42	552	110
<b>Total</b>	<b>1534</b>	<b>4626</b>	<b>1534</b>	<b>4626</b>	<b>2738</b>	<b>3340</b>	<b>2738</b>	<b>3340</b>	<b>4272</b>	<b>7966</b>
<b>Combined Total</b>	<b>6160</b>		<b>6160</b>		<b>6078</b>		<b>6078</b>		<b>12238</b>	
<b>AM Peak</b>	<b>8:15 AM</b>				<b>8:00 AM</b>					
<b>Vol.</b>	<b>411</b>				<b>844</b>					
<b>P.H.F.</b>	<b>0.709</b>				<b>0.815</b>					
<b>PM Peak</b>	<b>5:15 PM</b>				<b>5:30 PM</b>					
<b>Vol.</b>	<b>851</b>				<b>480</b>					
<b>P.H.F.</b>	<b>0.917</b>				<b>0.902</b>					
<b>Percentage</b>	<b>24.9%</b>	<b>75.1%</b>			<b>45.0%</b>	<b>55.0%</b>				

Volumes for: Thursday, June 7, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	10	72			4	71				
12:15	13	87			10	73				
12:30	7	96			10	65				
12:45	3	65	33	320	6	88	30	297	63	617
1:00	6	95			4	71				
1:15	3	74			4	58				
1:30	5	82			1	71				
1:45	5	70	19	321	0	71	9	271	28	592
2:00	2	68			1	81				
2:15	0	83			3	80				
2:30	4	103			1	75				
2:45	3	90	9	344	5	92	10	328	19	672
3:00	0	94			1	119				
3:15	2	119			0	91				
3:30	1	146			3	85				
3:45	1	137	4	496	0	86	4	381	8	877
4:00	2	127			1	63				
4:15	0	139			2	64				
4:30	1	141			2	92				
4:45	5	172	8	579	5	78	10	297	18	876
5:00	1	159			5	99				
5:15	1	204			7	107				
5:30	2	214			11	112				
5:45	8	228	12	805	17	149	40	467	52	1272
6:00	9	224			26	129				
6:15	8	183			22	148				
6:30	10	171			36	118				
6:45	9	145	36	723	49	111	133	506	169	1229
7:00	14	123			69	106				
7:15	27	106			72	77				
7:30	40	84			159	70				
7:45	57	81	138	394	165	62	465	315	603	709
8:00	55	78			159	41				
8:15	71	74			164	49				
8:30	135	74			183	71				
8:45	107	85	368	311	175	56	681	217	1049	528
9:00	100	68			191	41				
9:15	88	61			143	50				
9:30	82	58			135	44				
9:45	69	53	339	240	136	36	605	171	944	411
10:00	57	33			104	35				
10:15	61	39			91	31				
10:30	73	32			92	23				
10:45	65	29	256	133	77	27	364	116	620	249
11:00	72	23			72	11				
11:15	61	13			69	17				
11:30	48	18			72	22				
11:45	78	18	259	72	70	6	283	56	542	128
<b>Total</b>	<b>1481</b>	<b>4738</b>	<b>1481</b>	<b>4738</b>	<b>2634</b>	<b>3422</b>	<b>2634</b>	<b>3422</b>	<b>4115</b>	<b>8160</b>
<b>Combined Total</b>	<b>6219</b>		<b>6219</b>		<b>6056</b>		<b>6056</b>		<b>12275</b>	
AM Peak	8:30 AM				8:15 AM					
Vol.	430				713					
P.H.F.	0.796				0.933					
PM Peak	5:15 PM				5:45 PM					
Vol.	870				544					
P.H.F.	0.954				0.913					
Percentage	23.8%	76.2%			43.5%	56.5%				

Volumes for: Friday, June 8, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	13	109			6	63				
12:15	16	92			12	72				
12:30	9	96			6	93				
12:45	7	90	45	387	2	75	26	303	71	690
1:00	5	87			2	78				
1:15	5	79			4	91				
1:30	6	87			3	94				
1:45	1	88	17	341	1	74	10	337	27	678
2:00	5	66			4	72				
2:15	2	88			1	63				
2:30	4	118			1	83				
2:45	6	92	17	364	4	126	10	344	27	708
3:00	3	112			2	78				
3:15	1	116			0	88				
3:30	3	139			0	80				
3:45	1	132	8	499	1	87	3	333	11	832
4:00	0	141			2	77				
4:15	1	166			2	105				
4:30	1	153			1	90				
4:45	2	169	4	629	5	94	10	366	14	995
5:00	2	164			10	93				
5:15	6	212			8	123				
5:30	2	174			14	111				
5:45	6	175	16	725	16	142	48	469	64	1194
6:00	10	219			23	116				
6:15	8	172			26	130				
6:30	8	144			42	108				
6:45	16	120	42	655	59	104	150	458	192	1113
7:00	19	105			53	88				
7:15	23	101			83	72				
7:30	29	77			98	85				
7:45	40	86	111	369	139	71	373	316	484	685
8:00	61	50			161	58				
8:15	85	67			142	49				
8:30	146	61			232	58				
8:45	107	60	399	238	155	51	690	216	1089	454
9:00	113	55			157	41				
9:15	81	59			105	42				
9:30	80	41			124	47				
9:45	75	55	349	210	142	41	528	171	877	381
10:00	83	45			126	31				
10:15	47	38			115	29				
10:30	68	31			105	37				
10:45	61	27	259	141	80	17	426	114	685	255
11:00	74	32			78	20				
11:15	75	43			86	27				
11:30	87	21			92	17				
11:45	101	28	337	124	85	15	341	79	678	203
<b>Total</b>	<b>1604</b>	<b>4682</b>	<b>1604</b>	<b>4682</b>	<b>2615</b>	<b>3506</b>	<b>2615</b>	<b>3506</b>	<b>4219</b>	<b>8188</b>
<b>Combined Total</b>	<b>6286</b>		<b>6286</b>		<b>6121</b>		<b>6121</b>		<b>12407</b>	
<b>AM Peak</b>	<b>8:15 AM</b>				<b>8:00 AM</b>					
<b>Vol.</b>	<b>451</b>				<b>690</b>					
<b>P.H.F.</b>	<b>0.772</b>				<b>0.744</b>					
<b>PM Peak</b>	<b>5:15 PM</b>				<b>5:30 PM</b>					
<b>Vol.</b>	<b>780</b>				<b>499</b>					
<b>P.H.F.</b>	<b>0.890</b>				<b>0.879</b>					
<b>Percentage</b>	<b>25.5%</b>	<b>74.5%</b>			<b>42.7%</b>	<b>57.3%</b>				

Volumes for: Saturday, June 9, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	21	87			14	84				
12:15	24	93			8	92				
12:30	13	97			8	88				
12:45	18	90	76	367	12	91	42	355	118	722
1:00	8	81			6	86				
1:15	8	93			5	96				
1:30	12	82			3	80				
1:45	6	86	34	342	3	74	17	336	51	678
2:00	3	92			4	89				
2:15	3	88			1	81				
2:30	0	95			2	70				
2:45	7	89	13	364	2	88	9	328	22	692
3:00	2	93			3	64				
3:15	7	97			4	79				
3:30	2	104			0	73				
3:45	4	105	15	399	1	102	8	318	23	717
4:00	2	113			0	90				
4:15	2	111			2	91				
4:30	4	103			1	109				
4:45	3	91	11	418	6	88	9	378	20	796
5:00	1	108			6	74				
5:15	5	105			2	84				
5:30	2	93			1	97				
5:45	2	96	10	402	10	72	19	327	29	729
6:00	7	80			6	75				
6:15	8	90			10	71				
6:30	9	75			22	62				
6:45	8	72	32	317	22	67	60	275	92	592
7:00	14	52			26	56				
7:15	18	74			25	48				
7:30	14	61			24	55				
7:45	22	66	68	253	32	44	107	203	175	456
8:00	38	52			36	44				
8:15	37	57			39	52				
8:30	38	49			43	43				
8:45	62	43	175	201	58	39	176	178	351	379
9:00	79	48			57	42				
9:15	73	50			68	45				
9:30	77	41			70	39				
9:45	56	46	285	185	60	36	255	162	540	347
10:00	70	44			86	37				
10:15	57	42			66	29				
10:30	64	56			65	34				
10:45	71	26	262	168	87	29	304	129	566	297
11:00	65	35			86	29				
11:15	80	26			91	28				
11:30	86	33			83	21				
11:45	81	31	312	125	96	16	356	94	668	219
<b>Total</b>	<b>1293</b>	<b>3541</b>	<b>1293</b>	<b>3541</b>	<b>1362</b>	<b>3083</b>	<b>1362</b>	<b>3083</b>	<b>2655</b>	<b>6624</b>
<b>Combined Total</b>	<b>4834</b>		<b>4834</b>		<b>4445</b>		<b>4445</b>		<b>9279</b>	
<b>AM Peak</b>	<b>11:45 AM</b>				<b>11:45 AM</b>					
<b>Vol.</b>	<b>358</b>				<b>360</b>					
<b>P.H.F.</b>	<b>0.923</b>				<b>0.938</b>					
<b>PM Peak</b>	<b>3:30 PM</b>				<b>3:45 PM</b>					
<b>Vol.</b>	<b>433</b>				<b>392</b>					
<b>P.H.F.</b>	<b>0.958</b>				<b>0.899</b>					
<b>Percentage</b>	<b>26.7%</b>	<b>73.3%</b>			<b>30.6%</b>	<b>69.4%</b>				

Volumes for: Sunday, June 10, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	18	80			15	72				
12:15	12	74			11	83				
12:30	13	73			8	76				
12:45	5	76	48	303	9	65	43	296	91	599
1:00	10	89			8	68				
1:15	11	69			2	52				
1:30	9	68			8	57				
1:45	11	60	41	286	5	74	23	251	64	537
2:00	6	84			1	64				
2:15	4	82			7	60				
2:30	7	71			5	70				
2:45	2	82	19	319	7	60	20	254	39	573
3:00	7	92			3	79				
3:15	1	78			3	65				
3:30	4	91			3	63				
3:45	5	80	17	341	2	82	11	289	28	630
4:00	0	91			1	66				
4:15	2	78			2	71				
4:30	1	67			2	53				
4:45	0	78	3	314	1	64	6	254	9	568
5:00	0	70			4	77				
5:15	2	73			2	77				
5:30	0	76			2	63				
5:45	4	82	6	301	6	64	14	281	20	582
6:00	5	64			5	64				
6:15	6	65			7	68				
6:30	4	70			11	71				
6:45	6	86	21	285	18	60	41	263	62	548
7:00	3	68			15	71				
7:15	11	61			17	55				
7:30	11	53			20	78				
7:45	11	64	36	246	16	48	68	252	104	498
8:00	21	46			26	53				
8:15	13	60			26	41				
8:30	21	39			27	38				
8:45	20	47	75	192	37	33	116	165	191	357
9:00	37	60			41	48				
9:15	28	63			48	41				
9:30	35	44			46	35				
9:45	47	25	147	192	71	24	206	148	353	340
10:00	50	27			67	30				
10:15	62	43			71	26				
10:30	48	20			68	15				
10:45	57	26	217	116	62	18	268	89	485	205
11:00	76	22			60	20				
11:15	60	17			71	13				
11:30	86	11			50	11				
11:45	62	21	284	71	66	4	247	48	531	119
<b>Total</b>	<b>914</b>	<b>2966</b>	<b>914</b>	<b>2966</b>	<b>1063</b>	<b>2590</b>	<b>1063</b>	<b>2590</b>	<b>1977</b>	<b>5556</b>
<b>Combined Total</b>	<b>3880</b>		<b>3880</b>		<b>3653</b>		<b>3653</b>		<b>7533</b>	
<b>AM Peak</b>	<b>11:30 AM</b>				<b>11:45 AM</b>					
<b>Vol.</b>	<b>302</b>				<b>297</b>					
<b>P.H.F.</b>	<b>0.878</b>				<b>0.895</b>					
<b>PM Peak</b>	<b>2:45 PM</b>				<b>12:00 PM</b>					
<b>Vol.</b>	<b>343</b>				<b>296</b>					
<b>P.H.F.</b>	<b>0.932</b>				<b>0.892</b>					
<b>Percentage</b>	<b>23.6%</b>	<b>76.4%</b>			<b>29.1%</b>	<b>70.9%</b>				

Volumes for: Monday, June 11, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	9	85			2	85				
12:15	3	90			8	98				
12:30	3	110			6	72				
12:45	11	89	26	374	6	80	22	335	48	709
1:00	7	63			1	74				
1:15	5	69			4	75				
1:30	0	80			2	61				
1:45	3	69	15	281	0	73	7	283	22	564
2:00	1	57			0	67				
2:15	1	59			3	70				
2:30	3	96			2	60				
2:45	5	78	10	290	3	93	8	290	18	580
3:00	1	85			0	94				
3:15	0	108			0	81				
3:30	3	77			0	75				
3:45	0	117	4	387	0	70	0	320	4	707
4:00	2	112			1	69				
4:15	1	111			3	78				
4:30	0	113			0	61				
4:45	2	161	5	497	6	85	10	293	15	790
5:00	1	143			7	85				
5:15	1	201			6	93				
5:30	4	218			13	104				
5:45	8	198	14	760	18	123	44	405	58	1165
6:00	12	242			26	107				
6:15	6	182			23	115				
6:30	4	151			33	120				
6:45	15	144	37	719	52	105	134	447	171	1166
7:00	22	120			67	75				
7:15	23	128			81	71				
7:30	32	94			96	76				
7:45	42	94	119	436	144	75	388	297	507	733
8:00	41	72			176	63				
8:15	77	65			185	58				
8:30	152	55			244	39				
8:45	105	63	375	255	201	44	806	204	1181	459
9:00	79	38			151	37				
9:15	80	58			152	28				
9:30	86	36			146	23				
9:45	77	42	322	174	131	39	580	127	902	301
10:00	69	23			126	30				
10:15	73	28			74	23				
10:30	65	37			76	21				
10:45	60	18	267	106	59	24	335	98	602	204
11:00	56	23			71	15				
11:15	64	13			58	10				
11:30	85	17			76	9				
11:45	86	12	291	65	71	7	276	41	567	106
<b>Total</b>	<b>1485</b>	<b>4344</b>	<b>1485</b>	<b>4344</b>	<b>2610</b>	<b>3140</b>	<b>2610</b>	<b>3140</b>	<b>4095</b>	<b>7484</b>
<b>Combined Total</b>	<b>5829</b>		<b>5829</b>		<b>5750</b>		<b>5750</b>		<b>11579</b>	
AM Peak	8:30 AM				8:00 AM					
Vol.	416				806					
P.H.F.	0.684				0.826					
PM Peak	5:15 PM				5:45 PM					
Vol.	859				465					
P.H.F.	0.887				0.945					
Percentage	25.5%	74.5%			45.4%	54.6%				

Volumes for: Tuesday, June 12, 2012

City: Santa Clara

Project #: 12-7270-001

Location: Pruneridge Avenue between Lawrence Expressway and Pomeroy Avenue.

Start Time	Eastbound		Hour Totals		Westbound		Hour Totals		Combined Totals	
	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon	Morning	Afternoon
12:00	17	96			6	87				
12:15	8	114			6	130				
12:30	9	100			1	64				
12:45	5	94	39	404	2	86	15	367	54	771
1:00	6	106			3	84				
1:15	6	87			2	86				
1:30	3	85			4	77				
1:45	0	84	15	362	0	78	9	325	24	687
2:00	4	93			4	81				
2:15	4	78			2	77				
2:30	3	93			0	69				
2:45	0	82	11	346	3	91	9	318	20	664
3:00	0	94			1	70				
3:15	1	85			1	56				
3:30	3	93			0	79				
3:45	0	114	4	386	2	79	4	284	8	670
4:00	1	104			3	77				
4:15	0	132			3	74				
4:30	0	142			1	92				
4:45	2	170	3	548	1	91	8	334	11	882
5:00	0	149			6	85				
5:15	0	215			7	97				
5:30	5	215			11	121				
5:45	5	211	10	790	21	115	45	418	55	1208
6:00	14	223			24	125				
6:15	9	186			28	119				
6:30	6	193			45	102				
6:45	9	158	38	760	45	98	142	444	180	1204
7:00	13	143			58	95				
7:15	26	120			95	78				
7:30	24	103			122	65				
7:45	53	109	116	475	157	64	432	302	548	777
8:00	41	74			224	67				
8:15	72	72			193	53				
8:30	151	70			223	65				
8:45	99	50	363	266	225	43	865	228	1228	494
9:00	93	64			175	41				
9:15	80	67			148	34				
9:30	84	48			131	26				
9:45	54	47	311	226	126	44	580	145	891	371
10:00	67	38			106	32				
10:15	51	31			92	33				
10:30	58	35			88	17				
10:45	66	30	242	134	89	27	375	109	617	243
11:00	69	30			85	17				
11:15	76	24			82	12				
11:30	99	16			85	8				
11:45	108	13	352	83	77	11	329	48	681	131
<b>Total</b>	<b>1504</b>	<b>4780</b>	<b>1504</b>	<b>4780</b>	<b>2813</b>	<b>3322</b>	<b>2813</b>	<b>3322</b>	<b>4317</b>	<b>8102</b>
<b>Combined Total</b>	<b>6284</b>		<b>6284</b>		<b>6135</b>		<b>6135</b>		<b>12419</b>	
AM Peak	8:30 AM				8:00 AM					
Vol.	423				865					
P.H.F.	0.700				0.961					
PM Peak	5:15 PM				5:30 PM					
Vol.	864				480					
P.H.F.	0.969				0.960					
Percentage	23.9%	76.1%			45.9%	54.1%				

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 1

## Groups Printed- Unshifted

Start Time	Pomeroy Avenue Southbound					Pruneridge Avenue Westbound					Northbound				Pruneridge Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thr	Rig	Ped	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	Peds	App. Total			
07:00	6	0	9	3	15	0	60	13	1	73	0	0	0	0	1	32	0	0	33	4	121	125
07:15	11	0	13	1	24	0	118	13	1	131	0	0	0	0	6	42	0	0	48	2	203	205
07:30	13	0	17	0	30	0	165	11	0	176	0	0	0	0	6	56	0	1	62	1	268	269
07:45	24	0	17	2	41	0	183	19	1	202	0	0	0	0	5	56	0	0	61	3	304	307
Total	54	0	56	6	110	0	526	56	3	582	0	0	0	0	18	186	0	1	204	10	896	906
08:00	20	0	24	1	44	0	148	21	1	169	0	0	0	0	4	70	0	2	74	4	287	291
08:15	20	0	14	0	34	0	251	26	1	277	0	0	0	0	8	135	0	0	143	1	454	455
08:30	21	0	15	0	36	0	199	20	0	219	0	0	0	0	15	70	0	0	85	0	340	340
08:45	15	0	7	1	22	0	190	28	0	218	0	0	0	0	9	82	0	0	91	1	331	332
Total	76	0	60	2	136	0	788	95	2	883	0	0	0	0	36	357	0	2	393	6	1412	1418
16:00	18	0	10	0	28	0	70	16	0	86	0	0	0	0	18	115	0	0	133	0	247	247
16:15	23	0	12	0	35	0	91	29	0	120	0	0	0	0	21	140	0	0	161	0	316	316
16:30	21	0	15	0	36	0	83	22	0	105	0	0	0	0	16	139	0	0	155	0	296	296
16:45	23	0	8	0	31	0	73	12	3	85	0	0	0	0	16	159	0	1	175	4	291	295
Total	85	0	45	0	130	0	317	79	3	396	0	0	0	0	71	553	0	1	624	4	1150	1154
17:00	36	0	15	0	51	0	75	24	2	99	0	0	0	0	13	163	0	2	176	4	326	330
17:15	42	0	20	0	62	0	94	30	3	124	0	0	0	0	21	178	0	0	199	3	385	388
17:30	36	0	18	1	54	0	110	36	3	146	0	0	0	0	27	198	0	3	225	7	425	432
17:45	35	0	31	0	66	0	106	39	1	145	0	0	0	0	37	202	0	2	239	3	450	453
Total	149	0	84	1	233	0	385	129	9	514	0	0	0	0	98	741	0	7	839	17	1586	1603
Grand Total	364	0	245	9	609	0	2016	359	17	2375	0	0	0	0	223	1837	0	11	2060	37	5044	5081
Apprch %	59.8	0	40.2			0	84.9	15.1			0	0	0		10.8	89.2	0					
Total %	7.2	0	4.9		12.1	0	40	7.1		47.1	0	0	0	0	4.4	36.4	0		40.8	0.7	99.3	



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 2

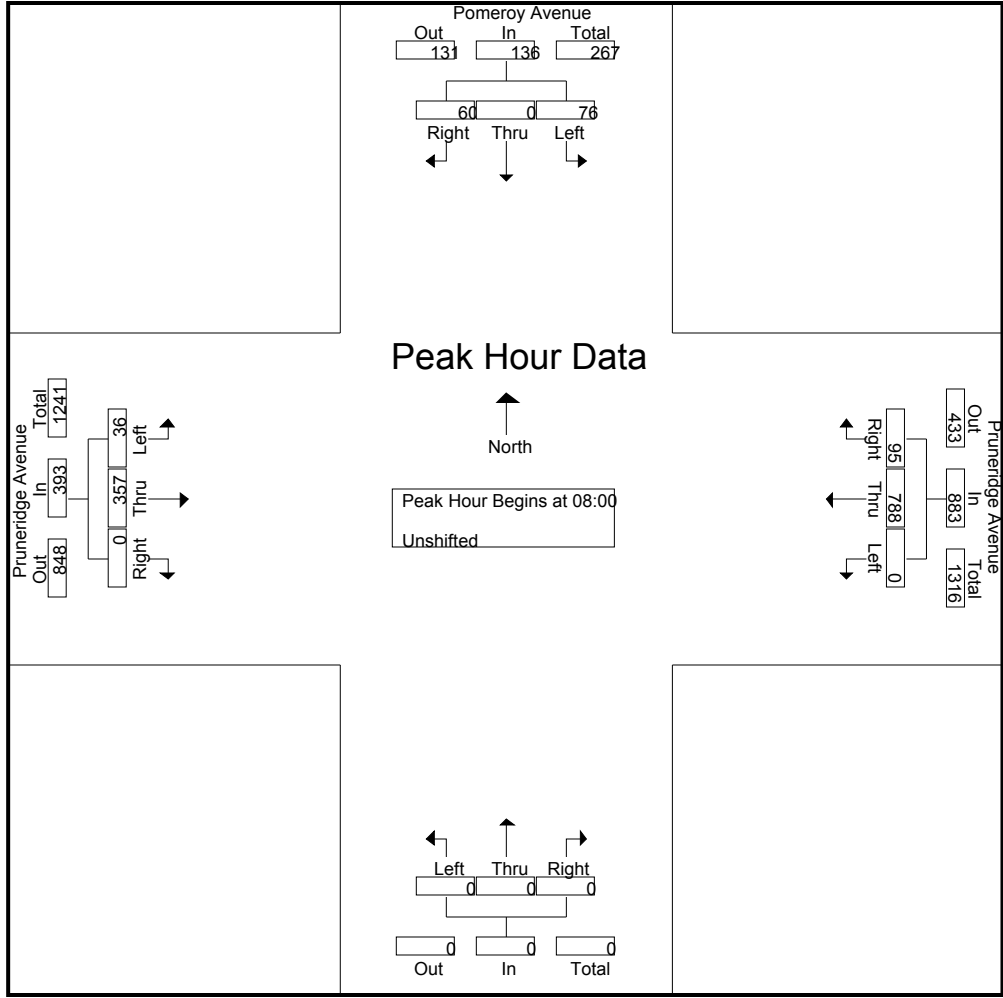
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00																	
08:00	20	0	<b>24</b>	<b>44</b>	0	148	21	169	0	0	0	0	4	70	0	74	287
08:15	20	0	14	34	0	<b>251</b>	26	<b>277</b>	0	0	0	0	8	<b>135</b>	0	<b>143</b>	<b>454</b>
08:30	<b>21</b>	0	15	36	0	199	20	219	0	0	0	0	<b>15</b>	70	0	85	340
08:45	15	0	7	22	0	190	<b>28</b>	218	0	0	0	0	9	82	0	91	331
Total Volume	76	0	60	136	0	788	95	883	0	0	0	0	36	357	0	393	1412
% App. Total	55.9	0	44.1		0	89.2	10.8		0	0	0		9.2	90.8	0		
PHF	.905	.000	.625	.773	.000	.785	.848	.797	.000	.000	.000	.000	.600	.661	.000	.687	.778

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 3



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 4

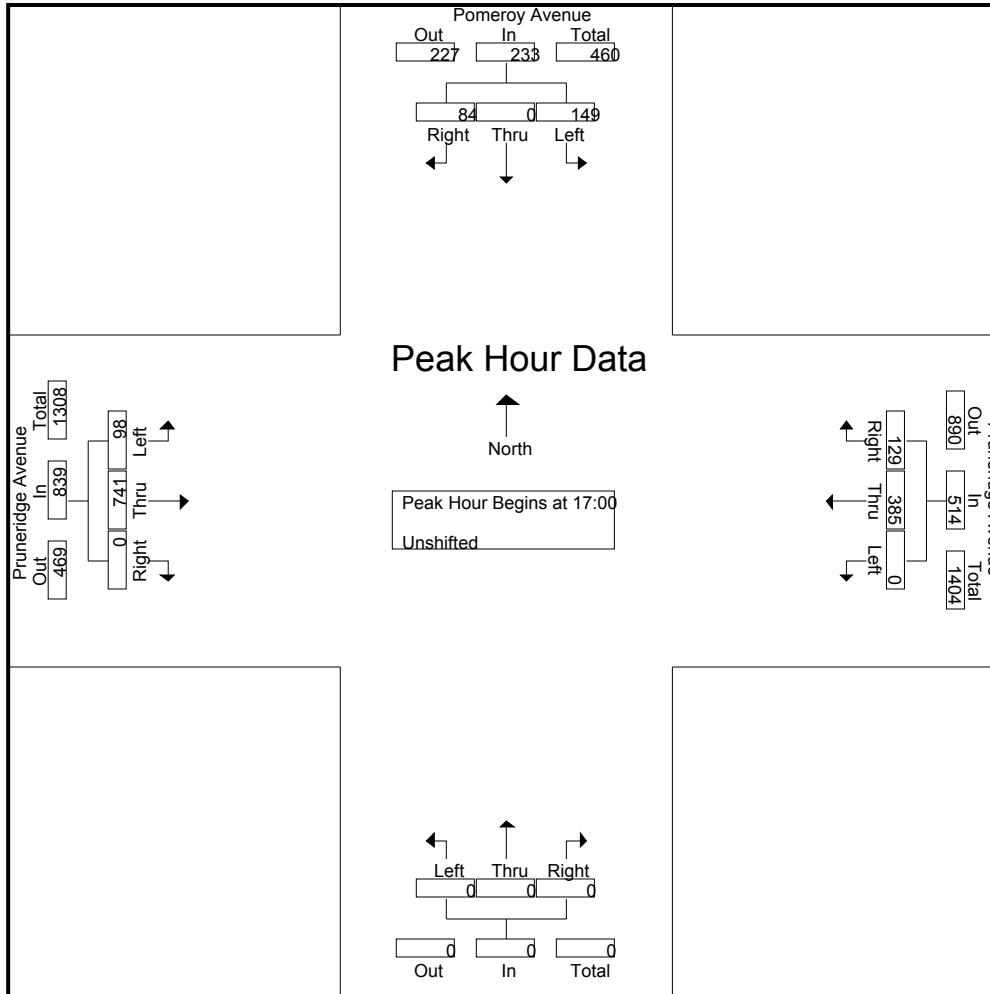
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 17:00																	
17:00	36	0	15	51	0	75	24	99	0	0	0	0	13	163	0	176	326
17:15	<b>42</b>	0	20	62	0	94	30	124	0	0	0	0	21	178	0	199	385
17:30	36	0	18	54	0	<b>110</b>	36	<b>146</b>	0	0	0	0	27	198	0	225	425
17:45	35	0	<b>31</b>	<b>66</b>	0	106	<b>39</b>	145	0	0	0	0	<b>37</b>	<b>202</b>	0	<b>239</b>	<b>450</b>
Total Volume	149	0	84	233	0	385	129	514	0	0	0	0	98	741	0	839	1586
% App. Total	63.9	0	36.1		0	74.9	25.1		0	0	0		11.7	88.3	0		
PHF	.887	.000	.677	.883	.000	.875	.827	.880	.000	.000	.000	.000	.662	.917	.000	.878	.881

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 5



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 1

## Groups Printed- Unshifted

Start Time	Pomeroy Avenue Southbound					Pruneridge Avenue Westbound					Northbound				Pruneridge Avenue Eastbound					Exclu. Total	Inclu. Total	Int. Total
	Left	Thr	Rig	Ped	App. Total	Left	Thru	Right	Peds	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	Peds	App. Total			
07:00	3	0	5	0	8	0	21	2	2	23	0	0	0	0	1	15	0	2	16	4	47	51
07:15	3	0	5	0	8	0	19	3	0	22	0	0	0	0	0	16	0	0	16	0	46	46
07:30	4	0	4	0	8	0	26	2	1	28	0	0	0	0	4	17	0	0	21	1	57	58
07:45	8	0	10	0	18	0	27	8	0	35	0	0	0	0	3	32	0	0	35	0	88	88
Total	18	0	24	0	42	0	93	15	3	108	0	0	0	0	8	80	0	2	88	5	238	243
08:00	7	0	5	0	12	0	34	6	0	40	0	0	0	0	3	35	0	2	38	2	90	92
08:15	11	0	10	0	21	0	32	5	0	37	0	0	0	0	7	31	0	0	38	0	96	96
08:30	8	0	11	0	19	0	49	11	0	60	0	0	0	0	8	55	0	2	63	2	142	144
08:45	12	0	9	1	21	0	51	20	5	71	0	0	0	0	9	66	0	0	75	6	167	173
Total	38	0	35	1	73	0	166	42	5	208	0	0	0	0	27	187	0	4	214	10	495	505
16:00	39	0	4	2	43	0	91	26	16	117	0	0	0	0	10	99	0	4	109	22	269	291
16:15	31	0	11	3	42	0	96	24	7	120	0	0	0	0	10	92	0	0	102	10	264	274
16:30	19	0	18	0	37	0	81	23	12	104	0	0	0	0	17	82	0	0	99	12	240	252
16:45	24	0	18	0	42	0	86	22	7	108	0	0	0	0	10	93	0	1	103	8	253	261
Total	113	0	51	5	164	0	354	95	42	449	0	0	0	0	47	366	0	5	413	52	1026	1078
17:00	24	0	10	0	34	0	80	23	8	103	0	0	0	0	14	88	0	1	102	9	239	248
17:15	15	0	14	1	29	0	82	22	8	104	0	0	0	0	10	84	0	0	94	9	227	236
17:30	13	0	11	0	24	0	69	23	4	92	0	0	0	0	12	90	0	0	102	4	218	222
17:45	18	0	8	0	26	0	69	23	3	92	0	0	0	0	9	70	0	0	79	3	197	200
Total	70	0	43	1	113	0	300	91	23	391	0	0	0	0	45	332	0	1	377	25	881	906
Grand Total	239	0	153	7	392	0	913	243	73	1156	0	0	0	0	127	965	0	12	1092	92	2640	2732
Apprch %	61	0	39			0	79	21			0	0	0		11.6	88.4	0					
Total %	9.1	0	5.8		14.8	0	34.6	9.2		43.8	0	0	0	0	4.8	36.6	0		41.4	3.4	96.6	

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 2

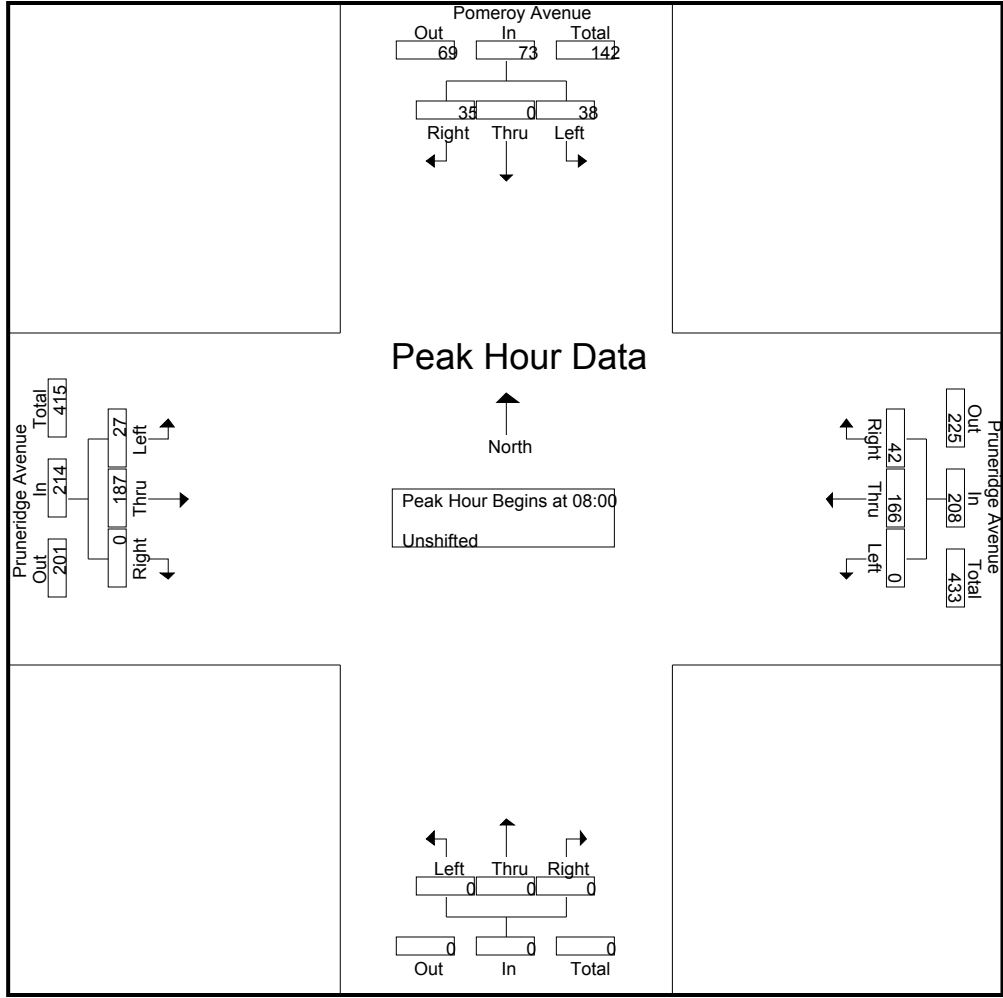
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 08:00																	
08:00	7	0	5	12	0	34	6	40	0	0	0	0	3	35	0	38	90
08:15	11	0	10	<b>21</b>	0	32	5	37	0	0	0	0	7	31	0	38	96
08:30	8	0	<b>11</b>	19	0	49	11	60	0	0	0	0	8	55	0	63	142
08:45	<b>12</b>	0	9	21	0	<b>51</b>	<b>20</b>	<b>71</b>	0	0	0	0	<b>9</b>	<b>66</b>	0	<b>75</b>	<b>167</b>
Total Volume	38	0	35	73	0	166	42	208	0	0	0	0	27	187	0	214	495
% App. Total	52.1	0	47.9		0	79.8	20.2		0	0	0		12.6	87.4	0		
PHF	.792	.000	.795	.869	.000	.814	.525	.732	.000	.000	.000	.000	.750	.708	.000	.713	.741

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 3



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 4

Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:00																	
16:00	39	0	4	43	0	91	26	117	0	0	0	0	10	99	0	109	269
16:15	31	0	11	42	0	96	24	120	0	0	0	0	10	92	0	102	264
16:30	19	0	18	37	0	81	23	104	0	0	0	0	17	82	0	99	240
16:45	24	0	18	42	0	86	22	108	0	0	0	0	10	93	0	103	253
Total Volume	113	0	51	164	0	354	95	449	0	0	0	0	47	366	0	413	1026
% App. Total	68.9	0	31.1		0	78.8	21.2		0	0	0		11.4	88.6	0		
PHF	.724	.000	.708	.953	.000	.922	.913	.935	.000	.000	.000	.000	.691	.924	.000	.947	.954

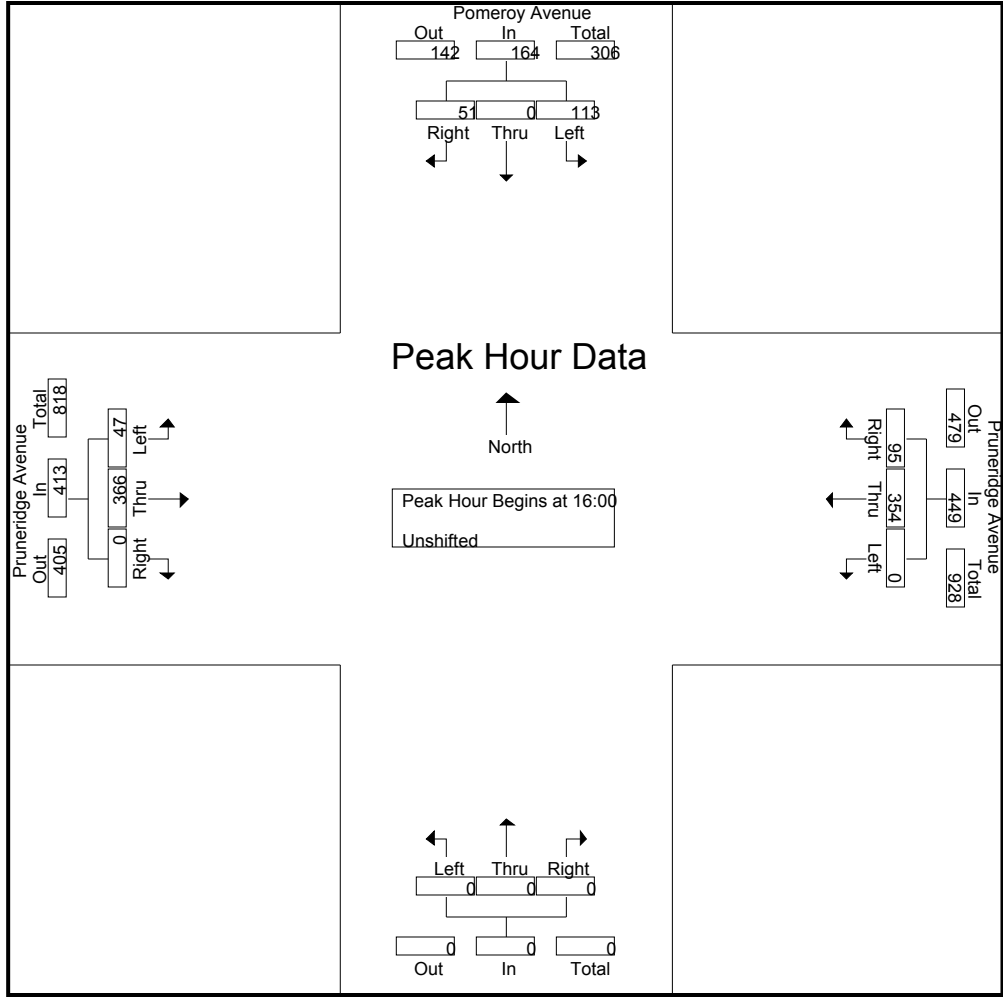


# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 5



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 1

## Groups Printed- Bank 1

Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total	
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total		
07:00	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1
07:15	1	0	0	1	0	1	1	2	0	0	0	0	1	1	0	2	2	5
07:30	0	0	0	0	0	0	2	2	0	0	0	0	0	0	0	0	0	2
07:45	0	0	2	2	0	2	0	2	0	0	0	0	2	0	0	2	2	6
Total	1	0	2	3	0	4	3	7	0	0	0	0	3	1	0	4	4	14
08:00	0	0	3	3	0	0	2	2	0	0	0	0	2	1	0	3	3	8
08:15	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	0	3
08:30	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	0	5
08:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	0	2
Total	0	0	3	3	0	10	2	12	0	0	0	0	2	1	0	3	3	18
16:00	1	0	0	1	0	0	1	1	0	0	0	0	2	1	0	3	3	5
16:15	1	0	1	2	0	0	1	1	0	0	0	0	1	1	0	2	2	5
16:30	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	1	1	3
16:45	4	0	0	4	0	2	0	2	0	0	0	0	1	0	0	1	1	7
Total	6	0	1	7	0	2	4	6	0	0	0	0	5	2	0	7	7	20
17:00	2	0	0	2	0	0	1	1	0	0	0	0	0	0	0	0	0	3
17:15	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	2
17:30	1	0	3	4	0	0	3	3	0	0	0	0	0	0	0	0	0	7
17:45	0	0	0	0	0	1	1	2	0	0	0	0	2	1	0	3	3	5
Total	3	0	4	7	0	1	5	6	0	0	0	0	3	1	0	4	4	17
Grand Total	10	0	10	20	0	17	14	31	0	0	0	0	13	5	0	18	18	69
Apprch %	50	0	50		0	54.8	45.2		0	0	0		72.2	27.8	0			
Total %	14.5	0	14.5	29	0	24.6	20.3	44.9	0	0	0	0	18.8	7.2	0	26.1	26.1	

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 2

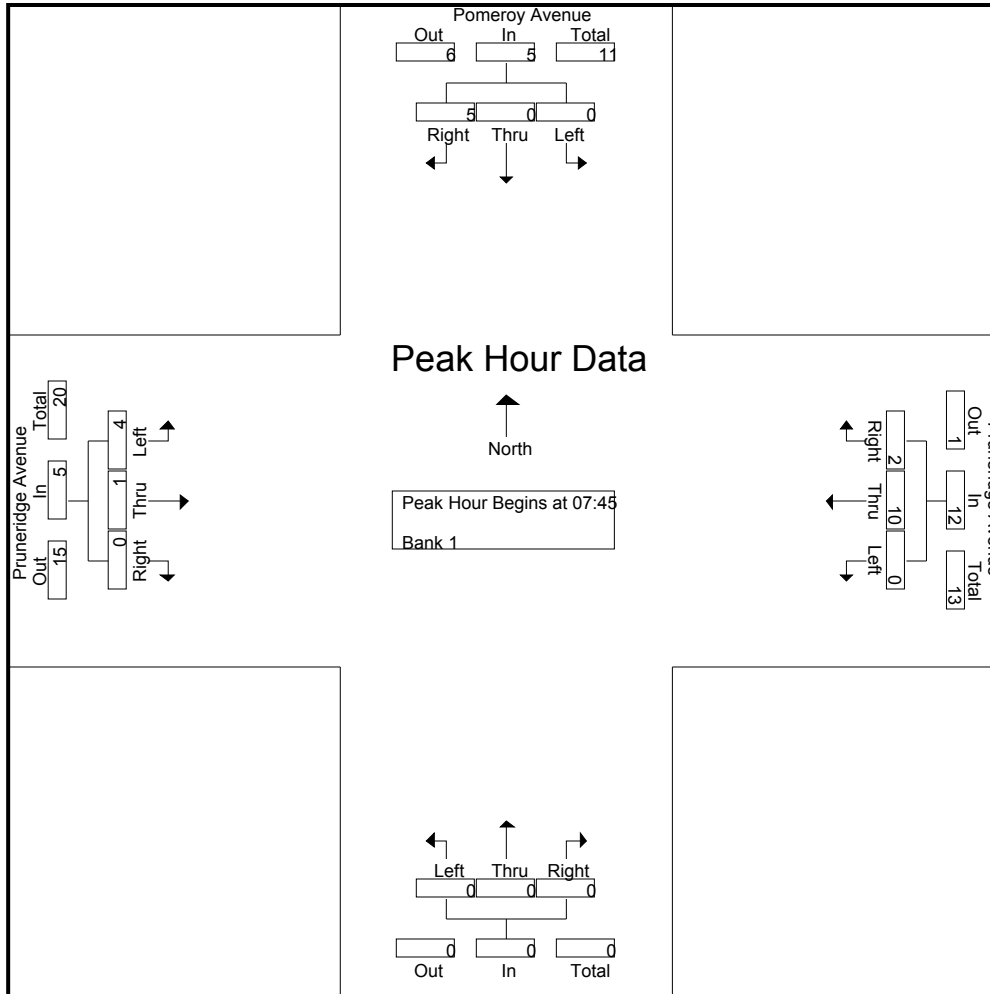
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:45																	
07:45	0	0	2	2	0	2	0	2	0	0	0	0	2	0	0	2	6
08:00	0	0	3	3	0	0	2	2	0	0	0	0	2	1	0	3	8
08:15	0	0	0	0	0	3	0	3	0	0	0	0	0	0	0	0	3
08:30	0	0	0	0	0	5	0	5	0	0	0	0	0	0	0	0	5
Total Volume	0	0	5	5	0	10	2	12	0	0	0	0	4	1	0	5	22
% App. Total	0	0	100		0	83.3	16.7		0	0	0		80	20	0		
PHF	.000	.000	.417	.417	.000	.500	.250	.600	.000	.000	.000	.000	.500	.250	.000	.417	.688

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 3



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 4

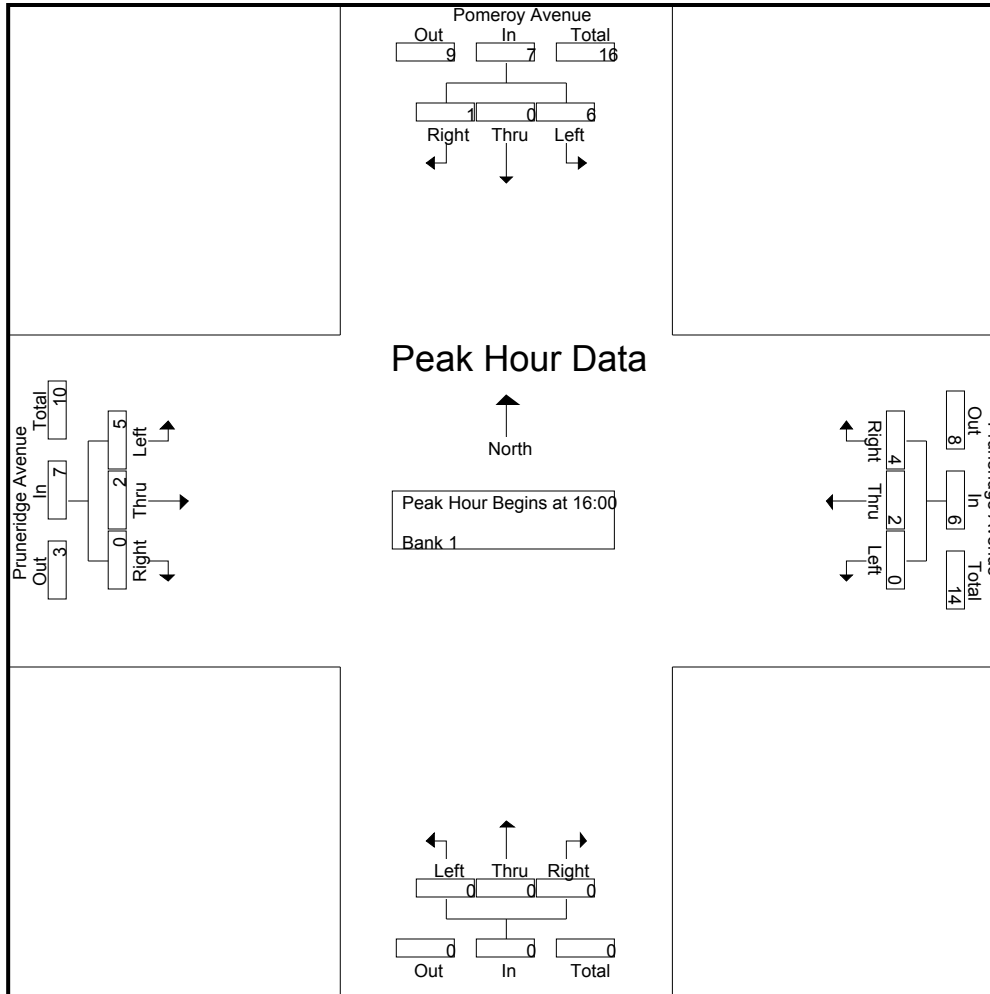
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:00																	
16:00	1	0	0	1	0	0	1	1	0	0	0	0	2	1	0	3	5
16:15	1	0	1	2	0	0	1	1	0	0	0	0	1	1	0	2	5
16:30	0	0	0	0	0	0	2	2	0	0	0	0	1	0	0	1	3
16:45	4	0	0	4	0	2	0	2	0	0	0	0	1	0	0	1	7
Total Volume	6	0	1	7	0	2	4	6	0	0	0	0	5	2	0	7	20
% App. Total	85.7	0	14.3		0	33.3	66.7		0	0	0		71.4	28.6	0		
PHF	.375	.000	.250	.438	.000	.250	.500	.750	.000	.000	.000	.000	.625	.500	.000	.583	.714

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Weekday  
Site Code : 00000000  
Start Date : 6/6/2012  
Page No : 5



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 1

## Groups Printed- Bank 1

Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:30	0	0	0	0	0	13	0	13	0	0	0	0	0	0	0	0	13
07:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
Total	0	0	0	0	0	15	0	15	0	0	0	0	0	1	0	1	16
08:00	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	4
08:15	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
08:30	1	0	0	1	0	3	1	4	0	0	0	0	0	0	0	0	5
08:45	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
Total	1	0	0	1	0	5	2	7	0	0	0	0	0	3	0	3	11
16:00	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
16:15	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16:30	1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3
16:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
Total	2	0	1	3	0	1	1	2	0	0	0	0	0	1	0	1	6
17:00	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2
17:15	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
17:30	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	2
17:45	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	2
Total	4	0	0	4	0	1	1	2	0	0	0	0	1	1	0	2	8
Grand Total	7	0	1	8	0	22	4	26	0	0	0	0	1	6	0	7	41
Apprch %	87.5	0	12.5		0	84.6	15.4		0	0	0		14.3	85.7	0		
Total %	17.1	0	2.4	19.5	0	53.7	9.8	63.4	0	0	0	0	2.4	14.6	0	17.1	

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 2

Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 07:00 to 08:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 07:15																	
07:15	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
07:30	0	0	0	0	0	13	0	13	0	0	0	0	0	0	0	0	13
07:45	0	0	0	0	0	2	0	2	0	0	0	0	0	0	0	0	2
08:00	0	0	0	0	0	2	0	2	0	0	0	0	0	2	0	2	4
Total Volume	0	0	0	0	0	17	0	17	0	0	0	0	0	3	0	3	20
% App. Total	0	0	0	0	0	100	0	100	0	0	0	0	0	100	0	100	20
PHF	.000	.000	.000	.000	.000	.327	.000	.327	.000	.000	.000	.000	.000	.375	.000	.375	.385

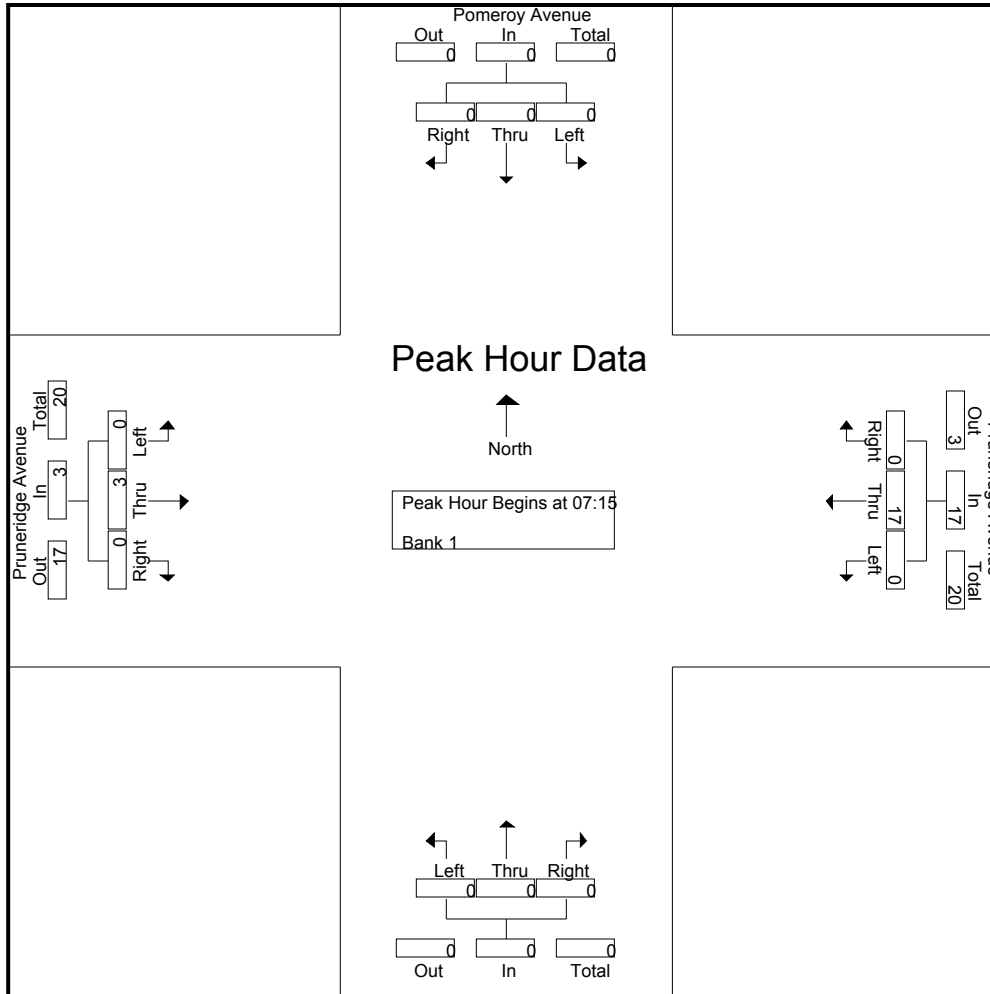


# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 3



# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 4

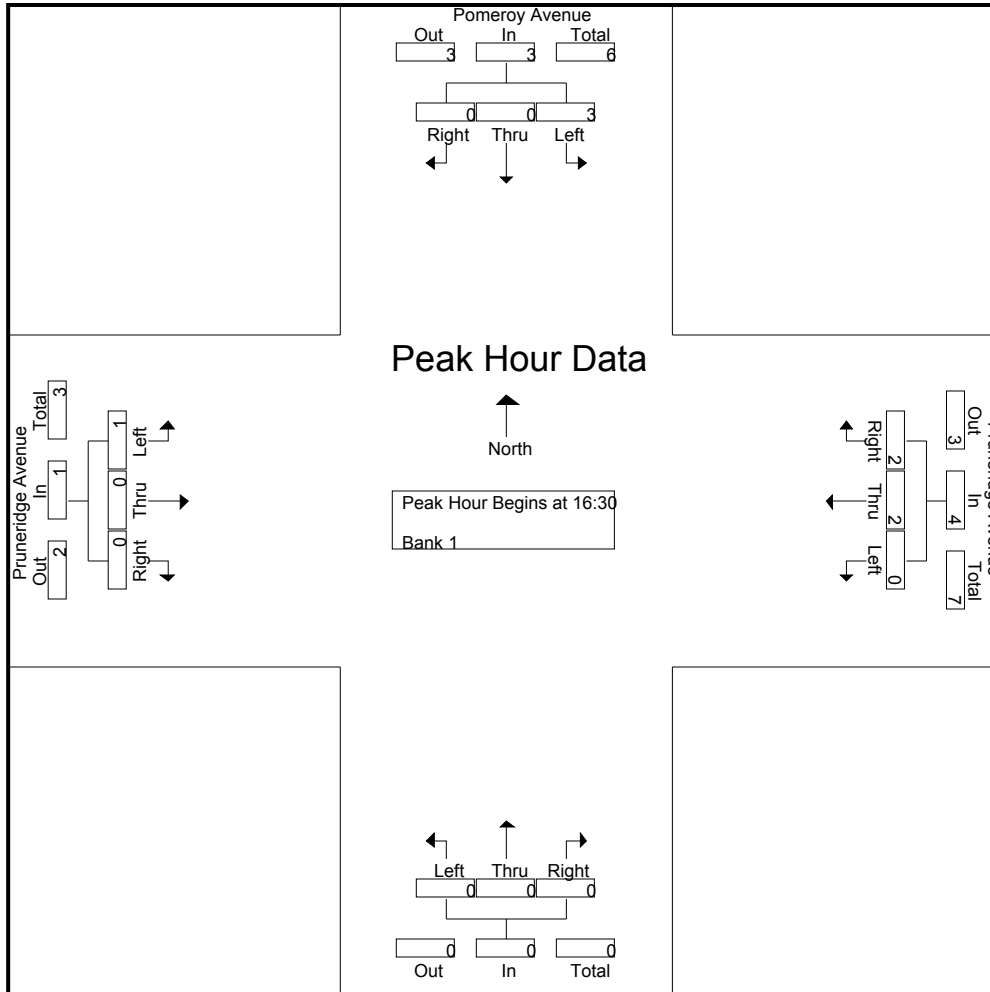
Start Time	Pomeroy Avenue Southbound				Pruneridge Avenue Westbound				Northbound				Pruneridge Avenue Eastbound				Int. Total
	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	Left	Thru	Right	App. Total	
Peak Hour Analysis From 16:00 to 17:45 - Peak 1 of 1																	
Peak Hour for Entire Intersection Begins at 16:30																	
16:30	1	0	0	1	0	1	1	2	0	0	0	0	0	0	0	0	3
16:45	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
17:00	0	0	0	0	0	1	1	2	0	0	0	0	0	0	0	0	2
17:15	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	2
Total Volume	3	0	0	3	0	2	2	4	0	0	0	0	1	0	0	1	8
% App. Total	100	0	0		0	50	50		0	0	0		100	0	0		
PHF	.750	.000	.000	.750	.000	.500	.500	.500	.000	.000	.000	.000	.250	.000	.000	.250	.667

# All Traffic Data

(916) 771-8700

City of Santa Clara  
Bicycles on Bank 1

File Name : 12-7271-001 Pomeroy-Pruneridge - Saturday  
Site Code : 00000000  
Start Date : 6/9/2012  
Page No : 5

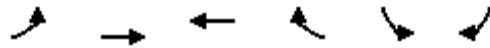


## B: Synchro Reports

AM Peak

85: Pruneridge & Pomeroy

8/10/2012

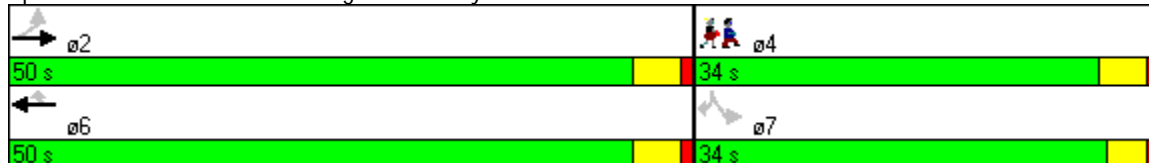


Lane Group	EBL	EBT	WBT	WBR	SBL	SBR	ø4
Lane Configurations	↖	↑	↑	↗	↖↗	↗	
Volume (vph)	36	357	788	95	76	60	
Satd. Flow (prot)	1770	1863	1863	1583	3433	1583	
Flt Permitted	0.220				0.950		
Satd. Flow (perm)	410	1863	1863	1583	3433	1583	
Satd. Flow (RTOR)				114		73	
Lane Group Flow (vph)	43	430	949	114	93	73	
Turn Type	Perm			Perm		custom	
Protected Phases		2	6				4
Permitted Phases	2			6	7	7	
Total Split (s)	50.0	50.0	50.0	50.0	34.0	34.0	34.0
Total Lost Time (s)	4.0	4.0	4.0	4.5	4.0	4.0	
Act Effect Green (s)	91.5	91.5	91.5	91.0	20.5	20.5	
Actuated g/C Ratio	0.76	0.76	0.76	0.76	0.17	0.17	
v/c Ratio	0.14	0.30	0.67	0.09	0.16	0.22	
Control Delay	4.9	5.0	9.8	0.8	20.8	6.2	
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	
Total Delay	4.9	5.0	9.8	0.8	20.8	6.2	
LOS	A	A	A	A	C	A	
Approach Delay		5.0	8.8		14.4		
Approach LOS		A	A		B		
Queue Length 50th (ft)	8	87	303	0	31	0	
Queue Length 95th (ft)	17	110	352	10	51	34	
Internal Link Dist (ft)		1165	170		1191		
Turn Bay Length (ft)	100				85	85	
Base Capacity (vph)	313	1421	1421	1228	795	423	
Starvation Cap Reductn	0	0	0	0	0	0	
Spillback Cap Reductn	0	0	0	0	0	0	
Storage Cap Reductn	0	0	0	0	0	0	
Reduced v/c Ratio	0.14	0.30	0.67	0.09	0.12	0.17	

Intersection Summary

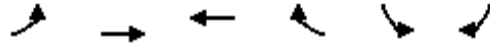
Cycle Length: 84  
 Actuated Cycle Length: 120  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.67  
 Intersection Signal Delay: 8.3  
 Intersection LOS: A  
 Intersection Capacity Utilization 82.1%  
 ICU Level of Service E  
 Analysis Period (min) 15

Splits and Phases: 85: Pruneridge & Pomeroy



PM Peak  
85: Pruneridge Avenue & Pomeroy

8/10/2012

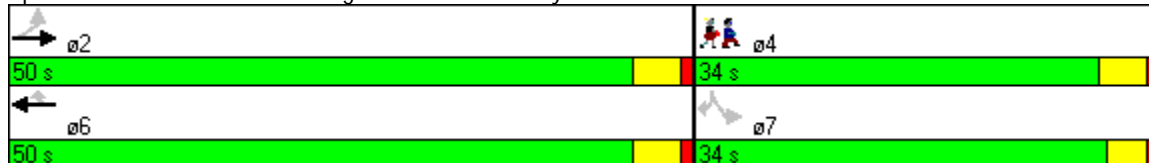


Lane Group	EBL	EBT	WBT	WBR	SBL	SBR	ø4
Lane Configurations	↖	↑	↑	↗	↖↗	↗	
Volume (vph)	98	741	385	129	149	84	
Satd. Flow (prot)	1770	1863	1863	1583	3433	1583	
Flt Permitted	0.468				0.950		
Satd. Flow (perm)	872	1863	1863	1583	3433	1583	
Satd. Flow (RTOR)				154		105	
Lane Group Flow (vph)	109	823	458	154	186	105	
Turn Type	Perm			Perm		custom	
Protected Phases		2	6				4
Permitted Phases	2			6	7	7	
Total Split (s)	50.0	50.0	50.0	50.0	34.0	34.0	34.0
Total Lost Time (s)	4.0	4.0	4.0	4.5	4.0	4.0	
Act Effect Green (s)	91.5	91.5	91.5	91.0	20.5	20.5	
Actuated g/C Ratio	0.76	0.76	0.76	0.76	0.17	0.17	
v/c Ratio	0.16	0.58	0.32	0.12	0.32	0.29	
Control Delay	4.5	8.0	5.2	0.8	22.1	6.0	
Queue Delay	0.0	0.0	0.0	0.0	0.0	0.0	
Total Delay	4.5	8.0	5.2	0.8	22.1	6.0	
LOS	A	A	A	A	C	A	
Approach Delay		7.6	4.1		16.3		
Approach LOS		A	A		B		
Queue Length 50th (ft)	20	231	95	0	65	0	
Queue Length 95th (ft)	36	319	121	12	89	36	
Internal Link Dist (ft)		1165	170		1191		
Turn Bay Length (ft)	100				85	85	
Base Capacity (vph)	665	1421	1421	1238	795	447	
Starvation Cap Reductn	0	0	0	0	0	0	
Spillback Cap Reductn	0	0	0	0	0	0	
Storage Cap Reductn	0	0	0	0	0	0	
Reduced v/c Ratio	0.16	0.58	0.32	0.12	0.23	0.23	

Intersection Summary

Cycle Length: 84  
 Actuated Cycle Length: 120  
 Control Type: Actuated-Uncoordinated  
 Maximum v/c Ratio: 0.58  
 Intersection Signal Delay: 7.8  
 Intersection LOS: A  
 Intersection Capacity Utilization 90.0%  
 ICU Level of Service E  
 Analysis Period (min) 15

Splits and Phases: 85: Pruneridge Avenue & Pomeroy



## C: Travel Time Surveys

**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE EB AM***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
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Overall Output Statistics .....	3
Detailed Statistics By Run - Travel Times .....	4
Detailed Statistics By Run - Stops .....	5
Detailed Statistics By Run - Average Speed .....	6
Detailed Statistics By Run - Total Delay .....	7
Detailed Statistics By Run - Time <= 0 MPH .....	8
Detailed Statistics By Run - Time <= 35 MPH .....	9
Detailed Statistics By Run - Time <= 55 MPH .....	10
Speed/Distance Profiles of All Runs .....	11
Time/Space Trajectories of All Runs .....	12
Speed Profile (Distance vs Spd) for 12-7272 AM-EB-001 .....	13
Speed Profile (Distance vs Spd) for 12-7272 AM-EB-002 .....	14
Speed Profile (Distance vs Spd) for 12-7272 AM-EB-003 .....	15
Speed Profile (Distance vs Spd) for 12-7272 AM-EB-004 .....	16
Speed Profile (Distance vs Spd) for 12-7272 AM-EB-005 .....	17
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Speed Profile (Time vs Spd) for 12-7272 AM-EB-001 .....	19
Speed Profile (Time vs Spd) for 12-7272 AM-EB-002 .....	20
Speed Profile (Time vs Spd) for 12-7272 AM-EB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 AM-EB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 AM-EB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 AM-EB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **2**

### Study Summary

#### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 AM-EB-001	06/06/12	07:05	4977	Before	Primary
12-7272 AM-EB-002	06/06/12	07:13	4871	Before	Primary
12-7272 AM-EB-003	06/06/12	07:20	4978	Before	Primary
12-7272 AM-EB-004	06/06/12	07:30	4992	Before	Primary
12-7272 AM-EB-005	06/06/12	07:40	4864	Before	Primary
12-7272 AM-EB-006	06/06/12	07:47	4851	Before	Primary

#### *Node Info*

#	Len	Name
1	0	N. TANTAU AVE
2	3225	LAWRENCE EXPY
3	1697	POMEROY AVE

Length of Study Route = 4,922 feet

#### **Notes:**

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **3**

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	N. TANTAU AVE							
2	3225	LAWRENCE EXPY	183.2	1.5	12.0	128.0	80.0	151.5	183.2
3	1697	POMEROY AVE	41.0	0.5	28.2	12.3	3.5	25.5	40.5
<b>Total</b>	<b>4,922</b>		<b>224.2</b>	<b>2.0</b>	<b>15.0</b>	<b>140.3</b>	<b>83.5</b>	<b>177.0</b>	<b>223.7</b>

Stats based on 6 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.  
 Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	181	130	243	218	147	180
3	1697	POMEROY AVE	35	33	37	57	42	42
<b>Totals</b>	<b>4922</b>		<b>216</b>	<b>163</b>	<b>280</b>	<b>275</b>	<b>189</b>	<b>222</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	1	1	1	2	2	2
3	1697	POMEROY AVE	0	0	0	1	1	1
<b>Totals</b>	<b>4922</b>		<b>1</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>3</b>	<b>3</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	12.2	17.1	9.1	10.2	15.1	12.4
3	1697	POMEROY AVE	32.9	34.5	31.3	20.1	26.8	26.4
<b>Totals</b>	<b>4922</b>		<b>15.6</b>	<b>20.6</b>	<b>12.1</b>	<b>12.3</b>	<b>17.7</b>	<b>15.0</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	126	75	188	163	92	124
3	1697	POMEROY AVE	6	4	8	28	14	14
Totals	4922		132	79	196	191	106	138

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	107	19	111	87	59	97
3	1697	POMEROY AVE	0	0	0	18	1	2
<b>Totals</b>	<b>4922</b>		<b>107</b>	<b>19</b>	<b>111</b>	<b>105</b>	<b>60</b>	<b>99</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	143	99	211	187	121	148
3	1697	POMEROY AVE	21	22	29	36	24	21
<b>Totals</b>	<b>4922</b>		<b>164</b>	<b>121</b>	<b>240</b>	<b>223</b>	<b>145</b>	<b>169</b>



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM**  
 Study Date : **6/14/2012**  
 Page No. : **10**

### Detailed Statistics By Run

#### Time Below 55 MPH by Section

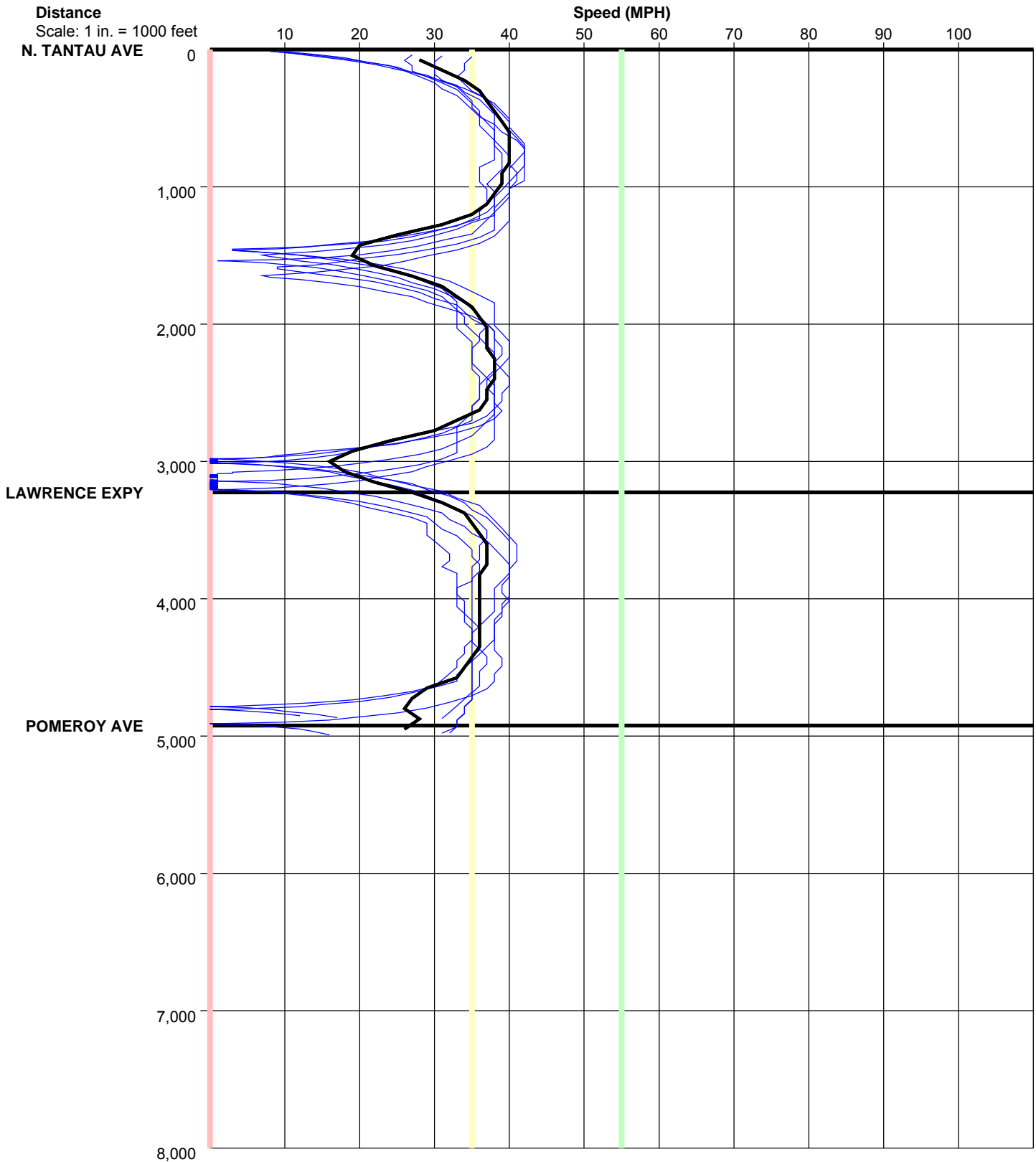
12-7272 AM-EB-001  
 12-7272 AM-EB-002  
 12-7272 AM-EB-003  
 12-7272 AM-EB-004  
 12-7272 AM-EB-005  
 12-7272 AM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	181	130	243	218	147	180
3	1697	POMEROY AVE	35	32	37	57	41	41
<b>Totals</b>	<b>4922</b>		<b>216</b>	<b>162</b>	<b>280</b>	<b>275</b>	<b>188</b>	<b>221</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 11

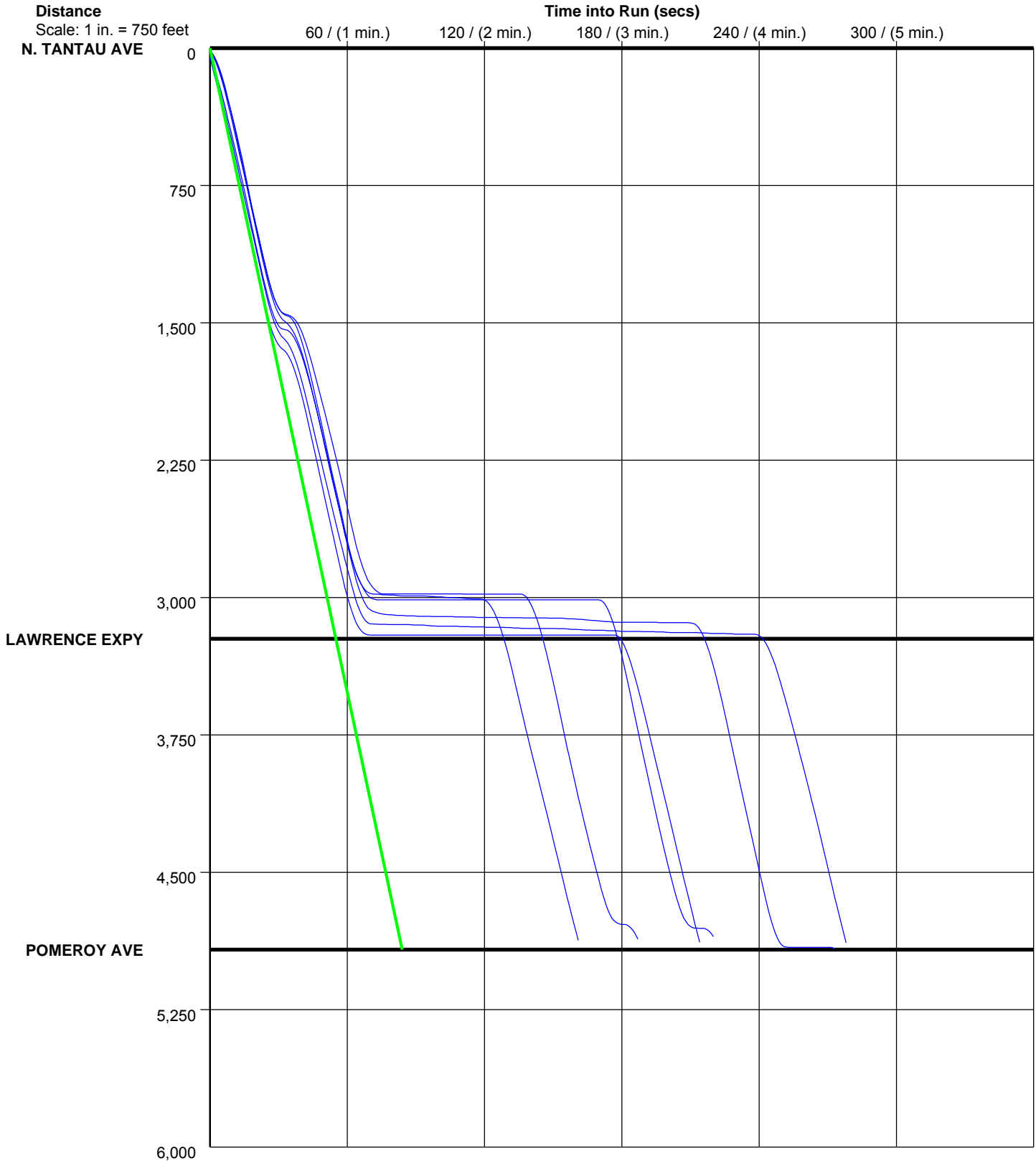
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



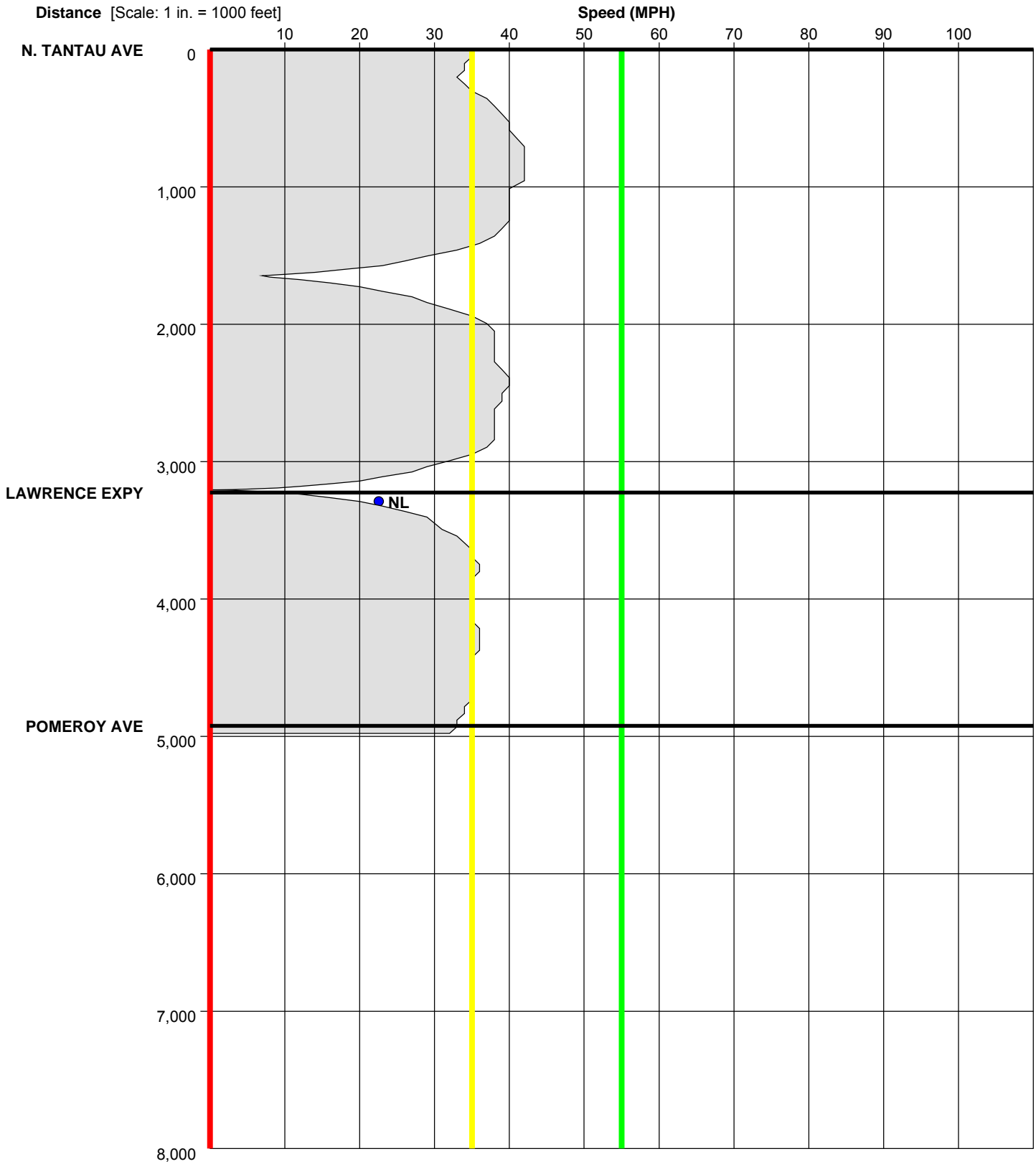
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 AM-EB-001 Start Time: 07:05 (This is a Before Run)

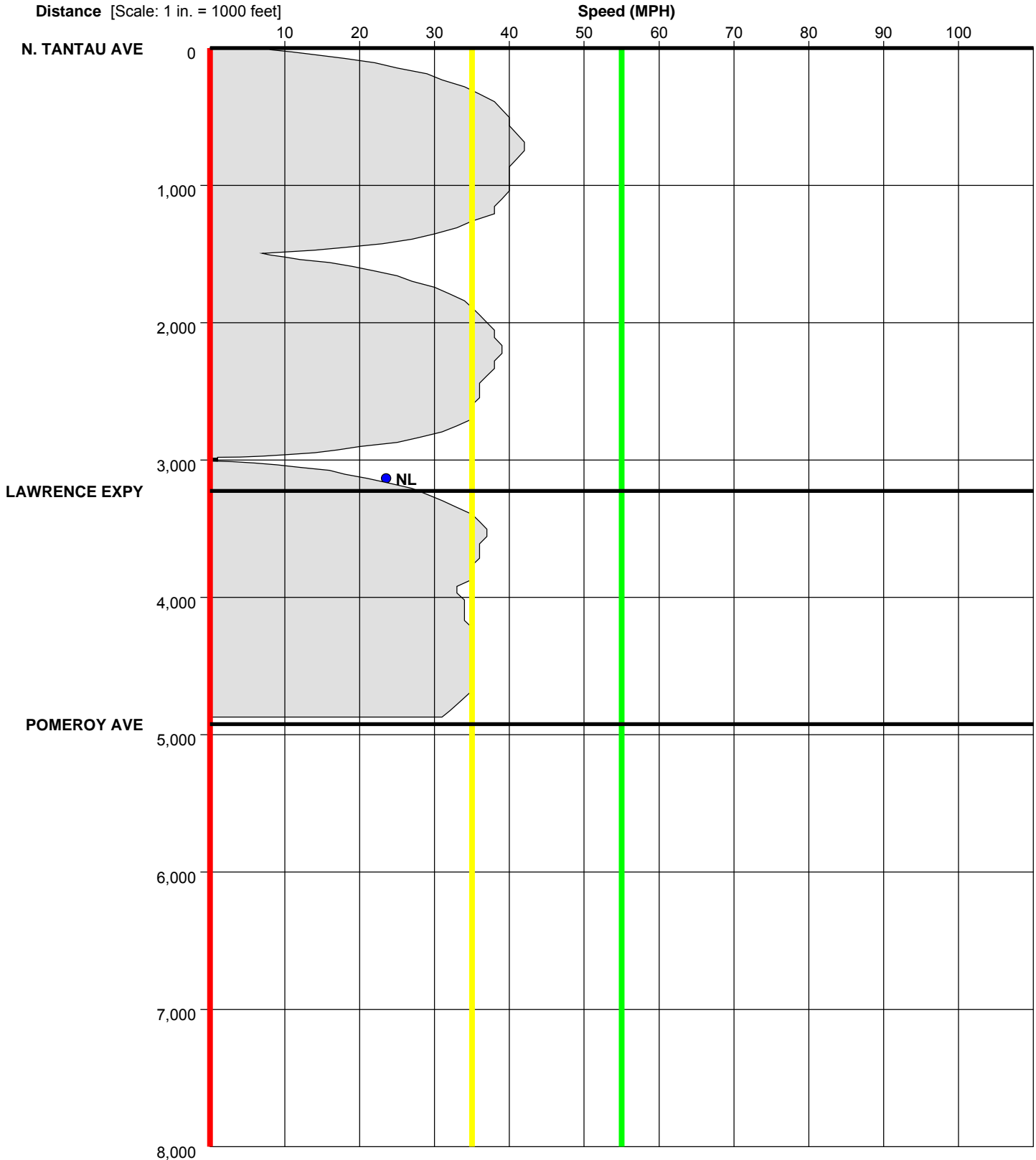


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 AM-EB-002 Start Time: 07:13 (This is a Before Run)

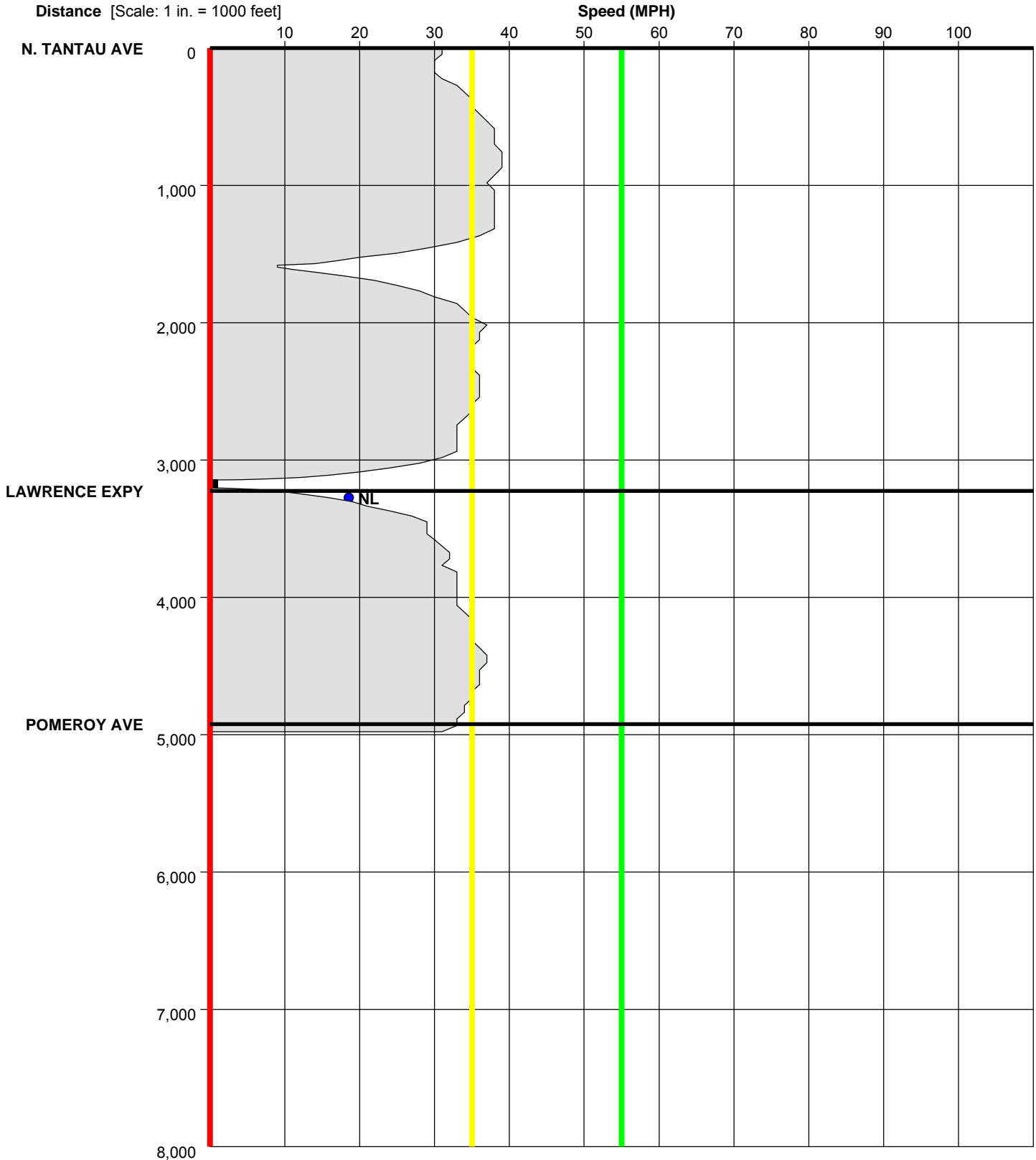


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 AM-EB-003 Start Time: 07:20 (This is a Before Run)

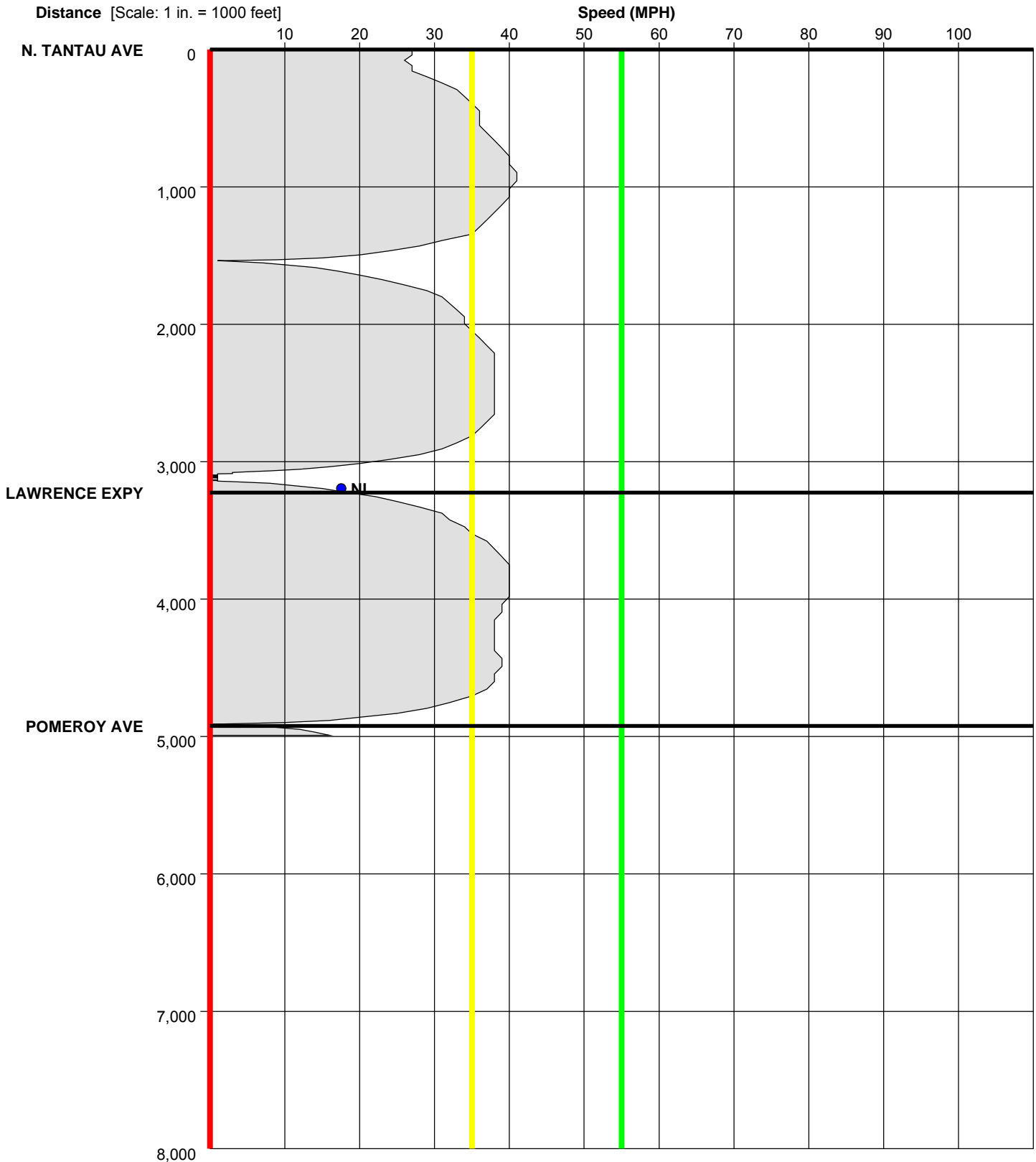


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 AM-EB-004 Start Time: 07:30 (This is a Before Run)

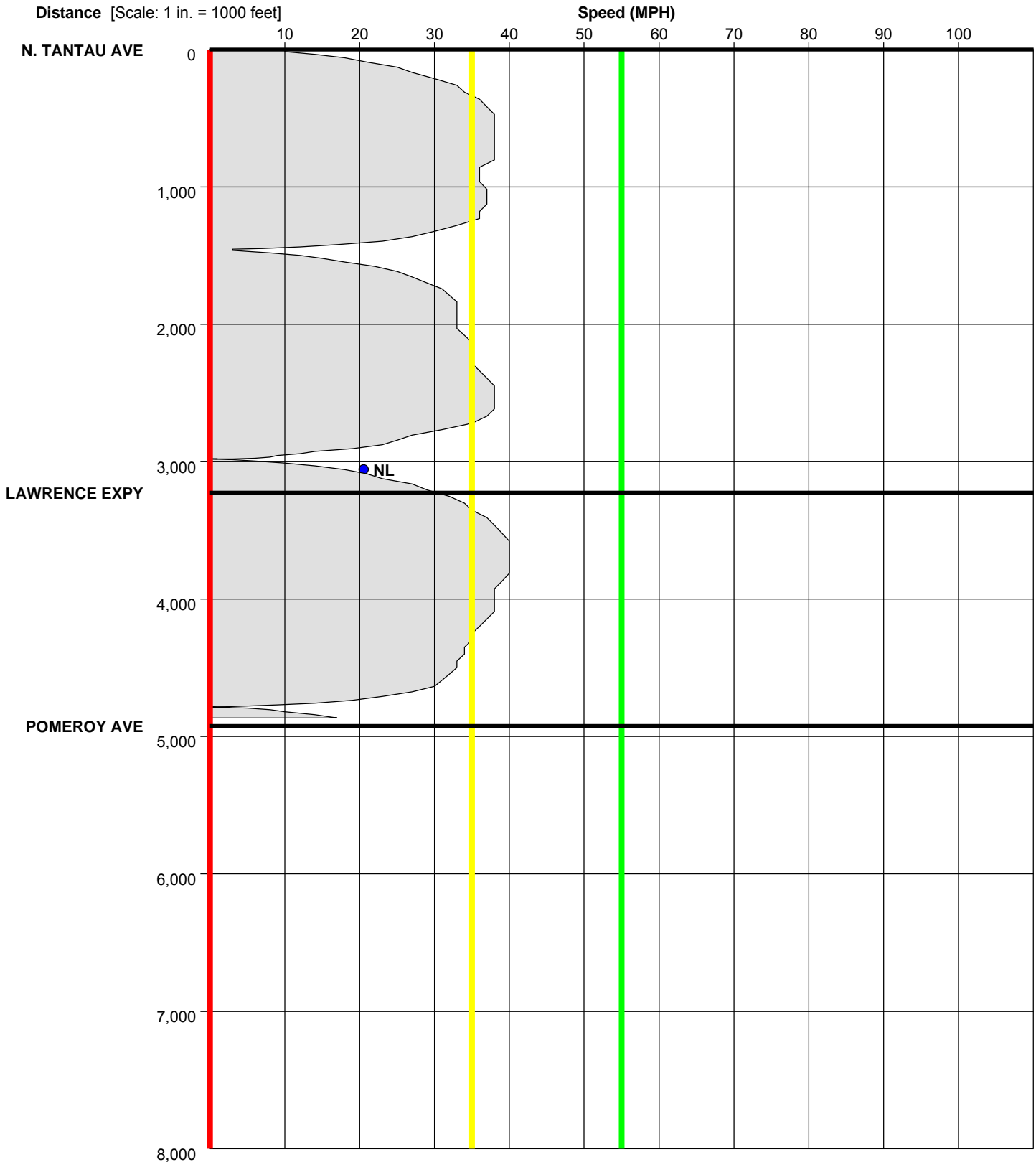


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 AM-EB-005 Start Time: 07:40 (This is a Before Run)



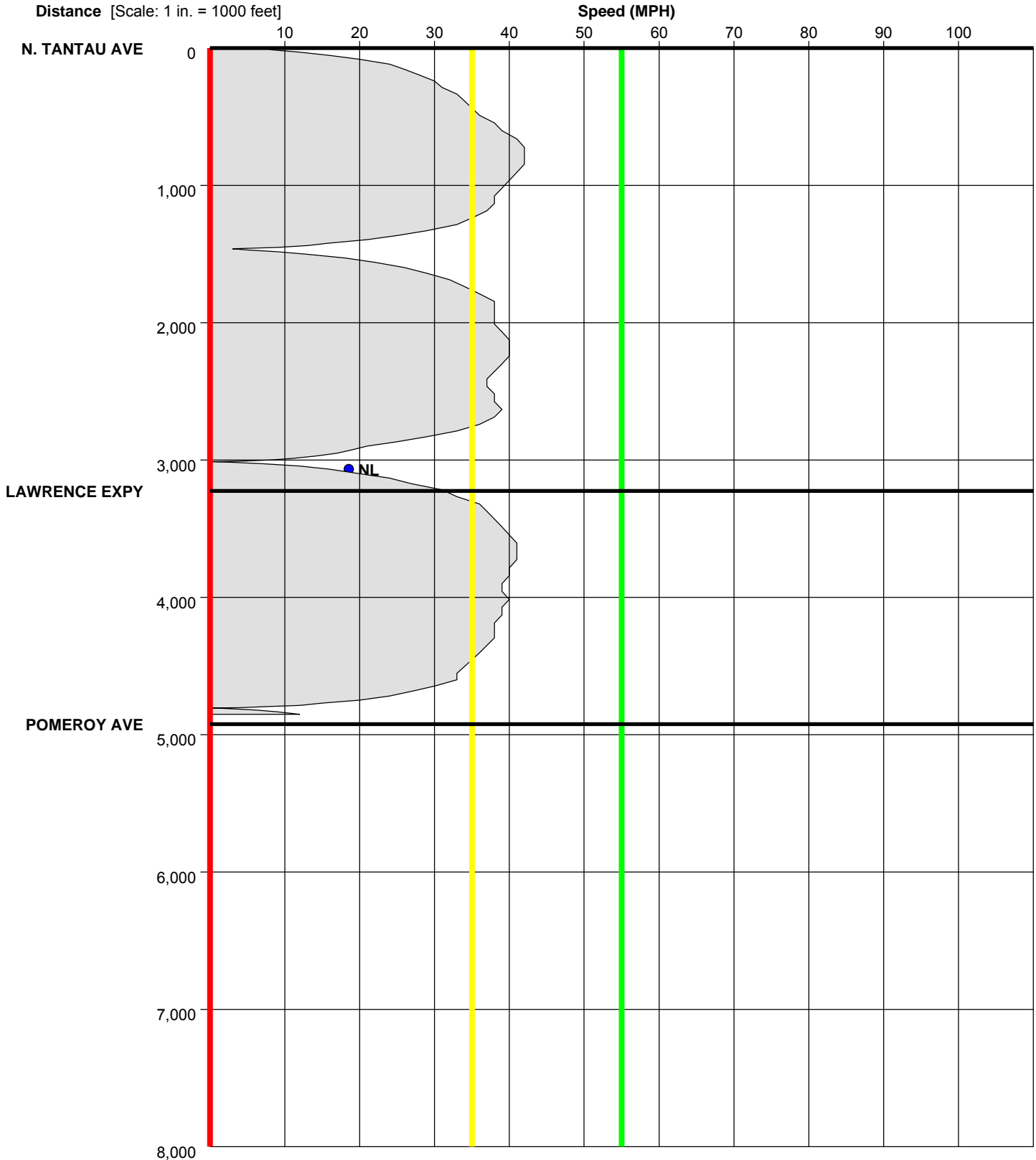


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 AM-EB-006 Start Time: 07:47 (This is a Before Run)

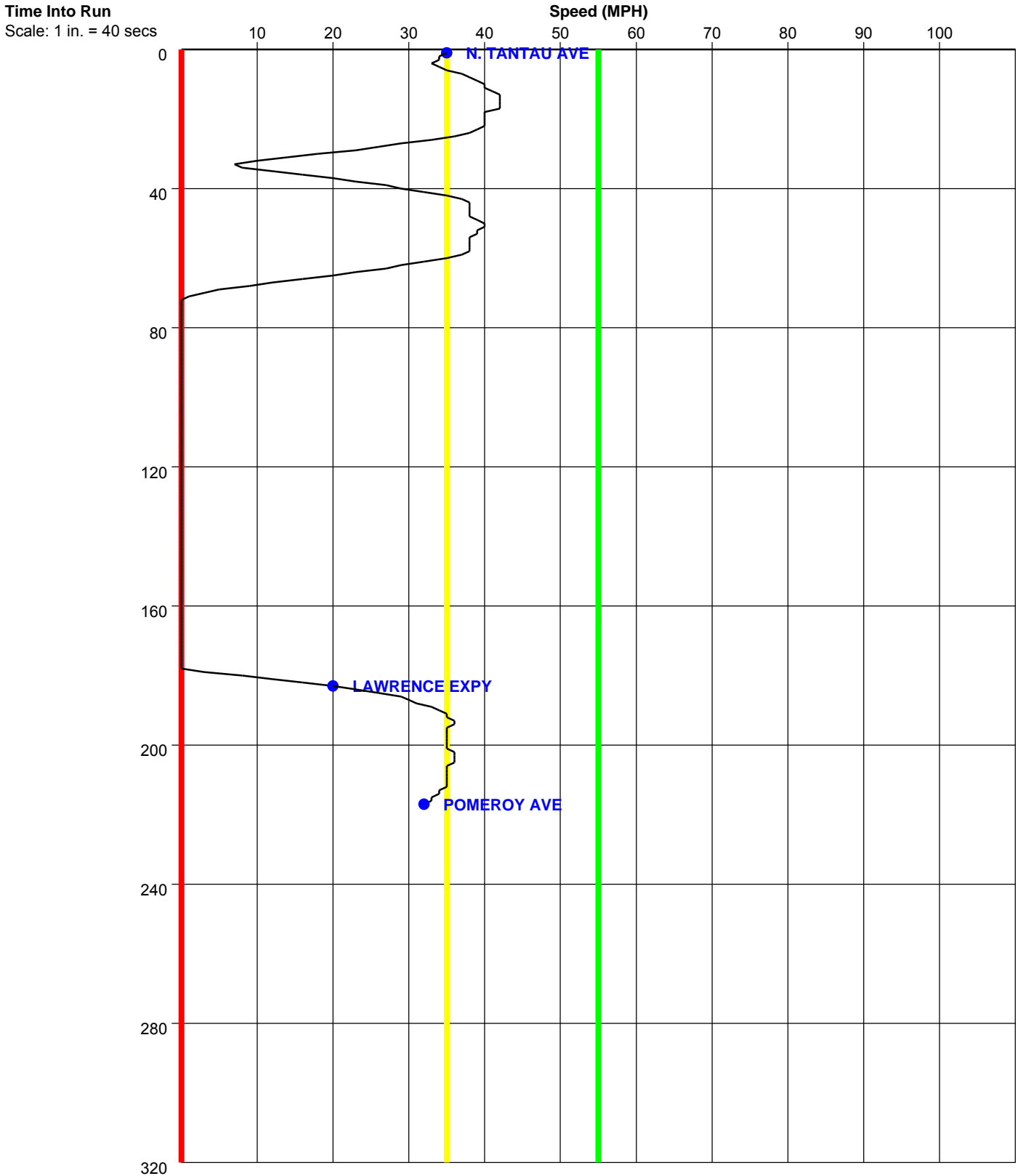


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 AM-EB-001 Start Time:07:05 (This is a Before Run)

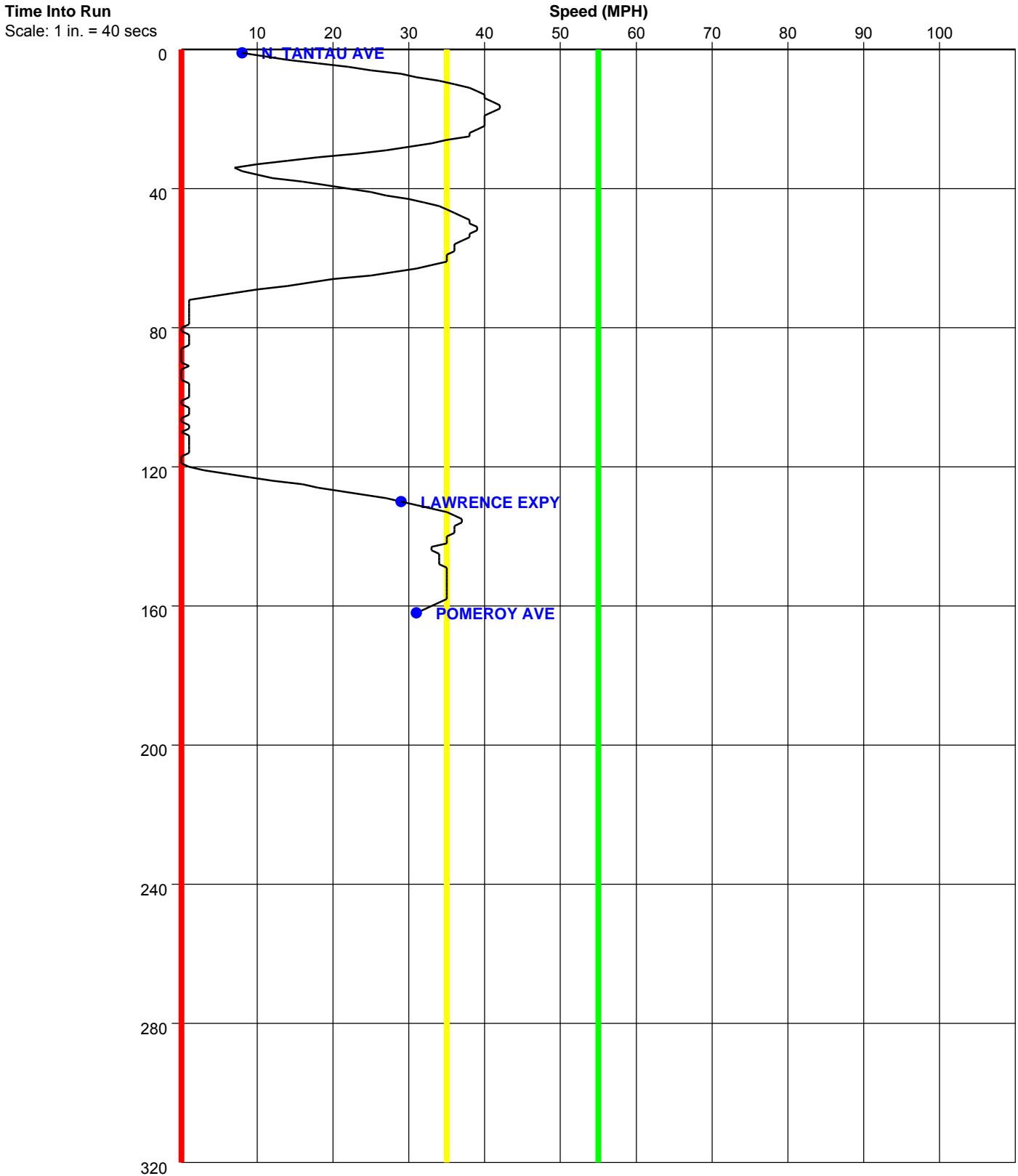


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 AM-EB-002 Start Time:07:13 (This is a Before Run)

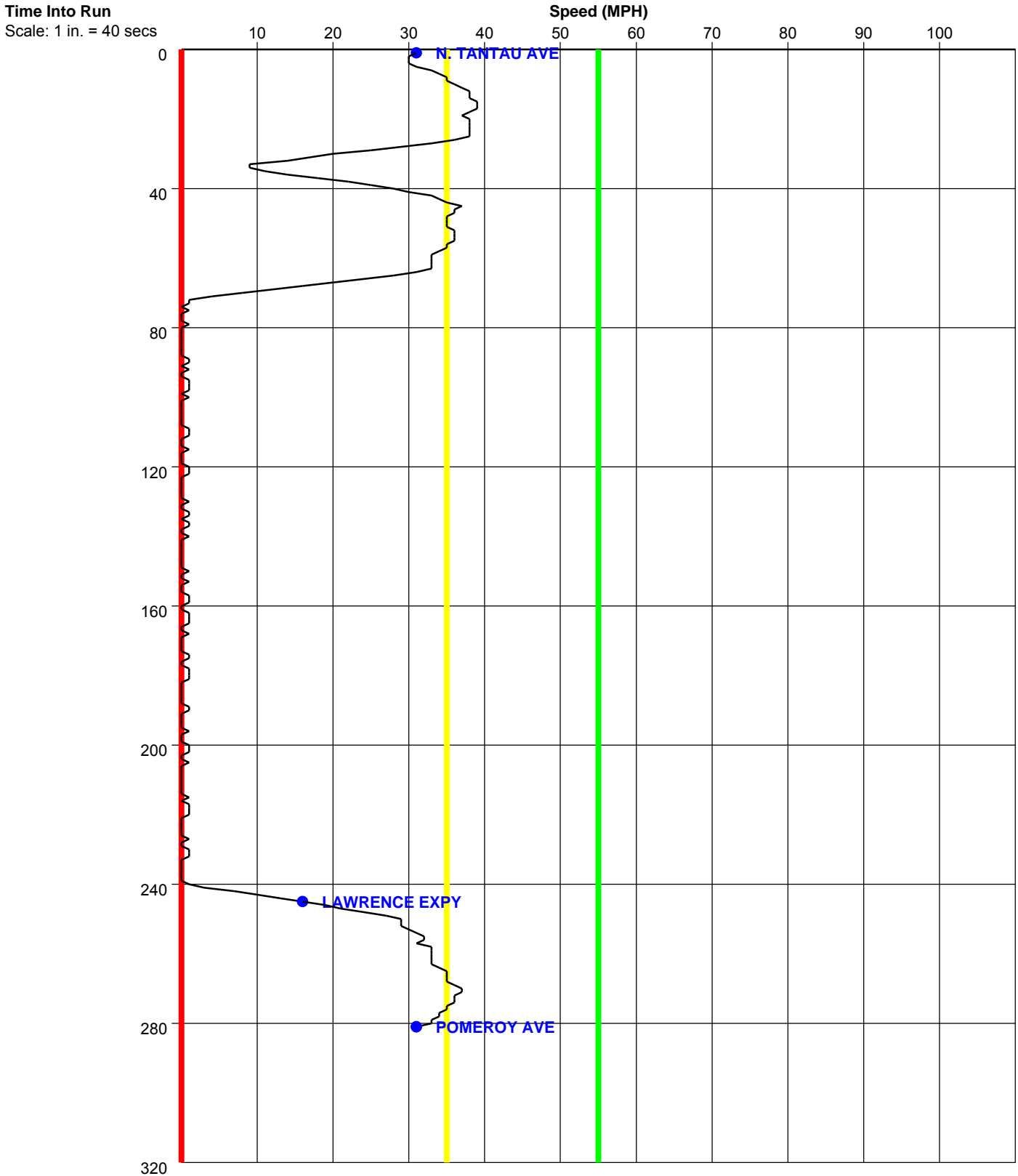


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 AM-EB-003 Start Time:07:20 (This is a Before Run)

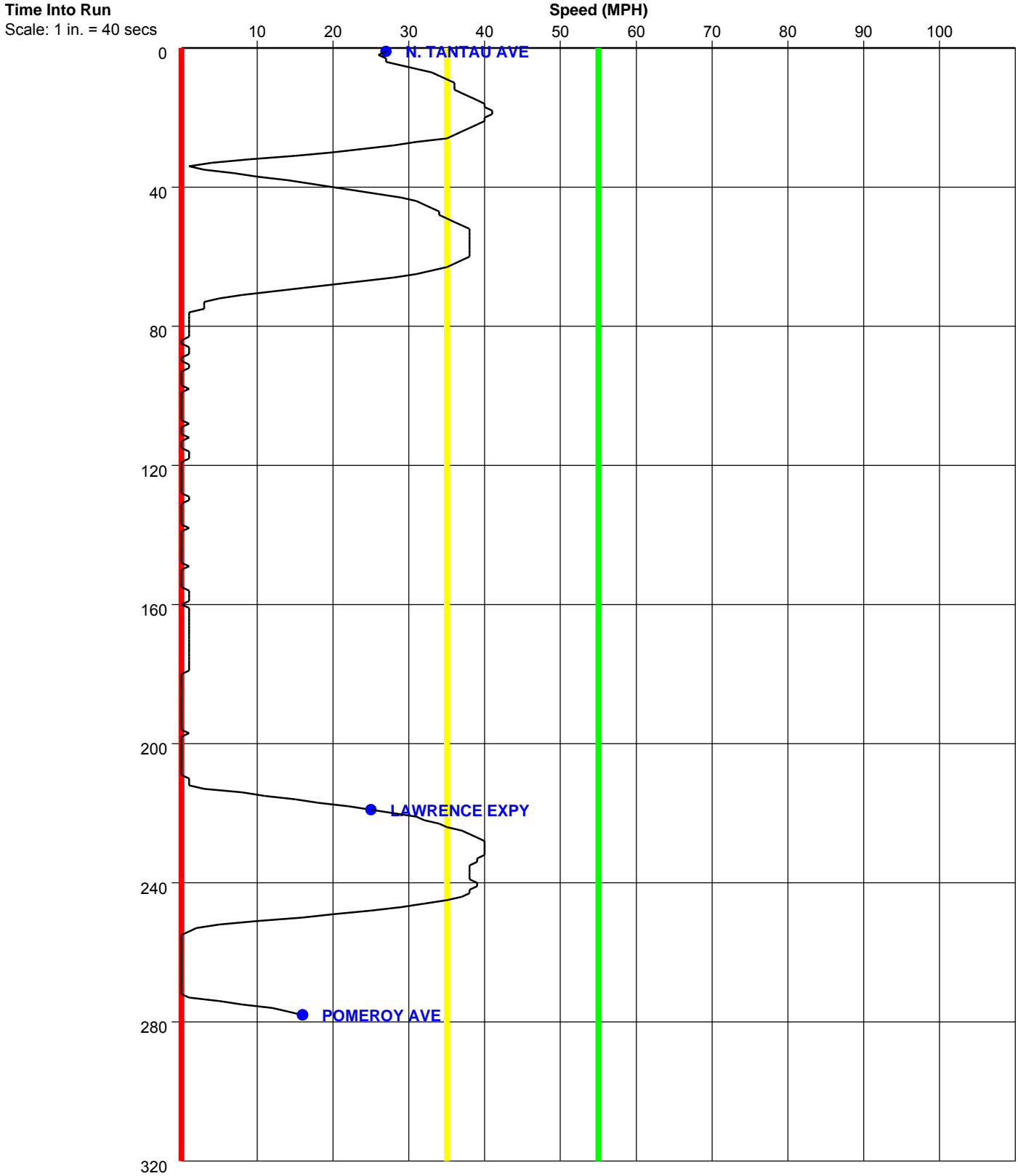


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 22

## Time-Based Speed Profile

Run : 12-7272 AM-EB-004 Start Time:07:30 (This is a Before Run)

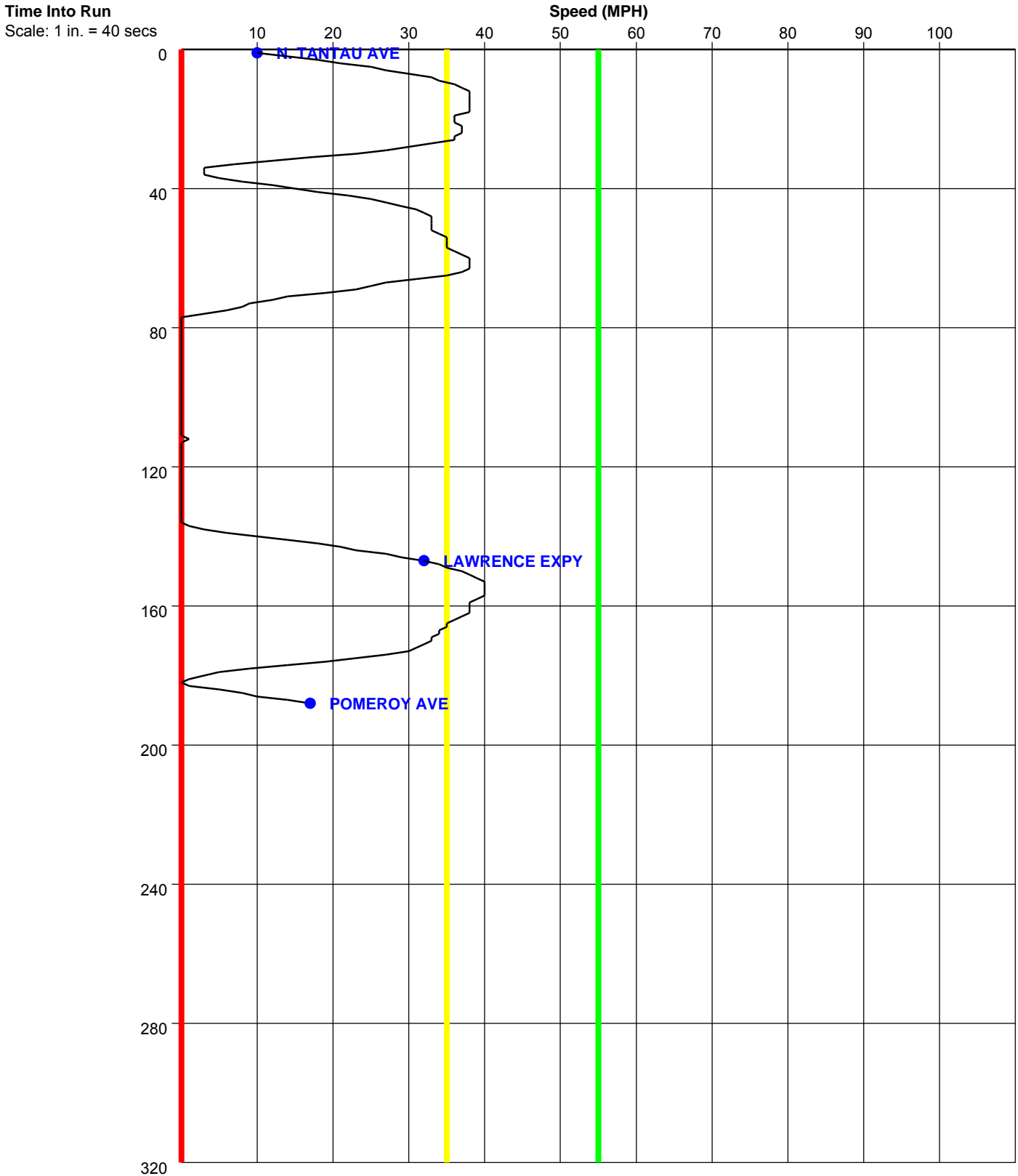


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 23

## Time-Based Speed Profile

Run : 12-7272 AM-EB-005 Start Time:07:40 (This is a Before Run)

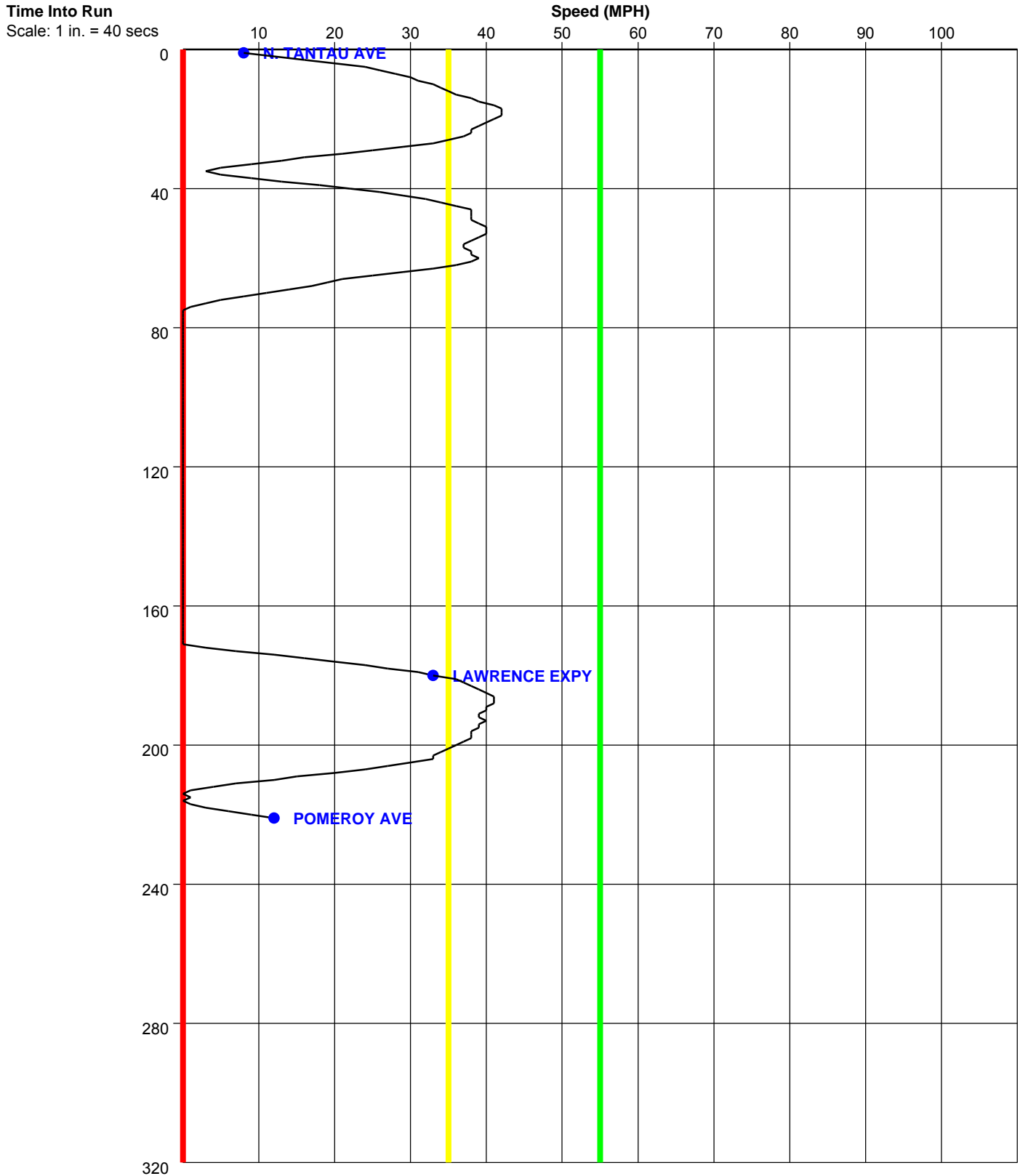


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 AM-EB-006 Start Time:07:47 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE WB AM***

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Speed Profile (Time vs Spd) for 12-7272 AM-WB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 AM-WB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 AM-WB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 AM-WB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **2**

### Study Summary

#### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 AM-WB-001	06/06/12	07:00	4832	Before	Primary
12-7272 AM-WB-002	06/06/12	07:09	4937	Before	Primary
12-7272 AM-WB-003	06/06/12	07:17	4933	Before	Primary
12-7272 AM-WB-004	06/06/12	07:26	4831	Before	Primary
12-7272 AM-WB-005	06/06/12	07:36	4908	Before	Primary
12-7272 AM-WB-006	06/06/12	07:44	4886	Before	Primary

#### *Node Info*

#	Len	Name
1	0	POMEROY AVE
2	1861	LAWRENCE EXPY
3	3034	N. TANTAU AVE

Length of Study Route = 4,895 feet

#### **Notes:**

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **3**

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	POMEROY AVE							
2	1861	LAWRENCE EXPY	83.5	0.8	15.2	51.5	33.8	70.2	83.5
3	3034	N. TANTAU AVE	91.0	2.3	22.7	39.3	3.2	73.3	90.5
<b>Total</b>	<b>4,895</b>		<b>174.5</b>	<b>3.2</b>	<b>19.1</b>	<b>90.8</b>	<b>37.0</b>	<b>143.5</b>	<b>174.0</b>

Stats based on 6 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.  
 Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	173	69	49	102	66	42
3	3034	N. TANTAU AVE	68	74	74	103	131	96
<b>Totals</b>	<b>4895</b>		<b>241</b>	<b>143</b>	<b>123</b>	<b>205</b>	<b>197</b>	<b>138</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 AM-WB-001      12-7272 AM-WB-002      12-7272 AM-WB-003  
 12-7272 AM-WB-004      12-7272 AM-WB-005      12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	1	1	1	1	1	0
3	3034	N. TANTAU AVE	1	1	1	3	5	3
Totals	4895		2	2	2	4	6	3

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	7.4	18.5	25.9	12.6	19.4	30.4
3	3034	N. TANTAU AVE	30.0	27.9	28.0	19.7	15.6	21.6
<b>Totals</b>	<b>4895</b>		<b>13.7</b>	<b>23.4</b>	<b>27.2</b>	<b>16.1</b>	<b>16.9</b>	<b>24.3</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	141	37	17	70	34	10
3	3034	N. TANTAU AVE	17	22	22	52	79	44
Totals	4895		158	59	39	122	113	54

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	116	20	3	49	15	0
3	3034	N. TANTAU AVE	0	0	0	8	10	1
<b>Totals</b>	<b>4895</b>		<b>116</b>	<b>20</b>	<b>3</b>	<b>57</b>	<b>25</b>	<b>1</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	155	49	36	88	54	39
3	3034	N. TANTAU AVE	37	48	58	88	126	83
<b>Totals</b>	<b>4895</b>		<b>192</b>	<b>97</b>	<b>94</b>	<b>176</b>	<b>180</b>	<b>122</b>



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM**  
 Study Date : **6/14/2012**  
 Page No. : **10**

### Detailed Statistics By Run

#### Time Below 55 MPH by Section

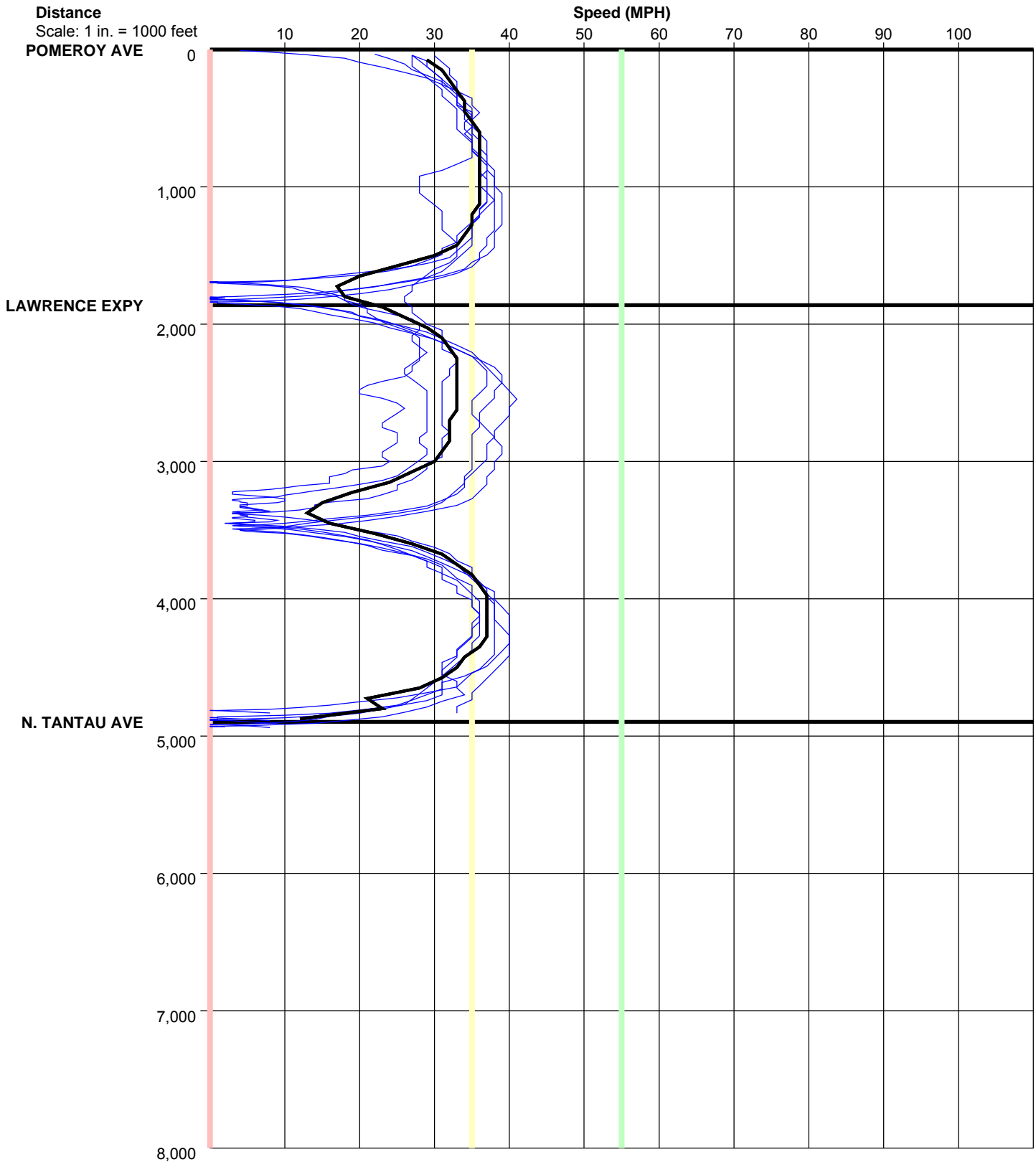
12-7272 AM-WB-001  
 12-7272 AM-WB-002  
 12-7272 AM-WB-003  
 12-7272 AM-WB-004  
 12-7272 AM-WB-005  
 12-7272 AM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	173	69	49	102	66	42
3	3034	N. TANTAU AVE	67	74	74	102	131	95
<b>Totals</b>	<b>4895</b>		<b>240</b>	<b>143</b>	<b>123</b>	<b>204</b>	<b>197</b>	<b>137</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
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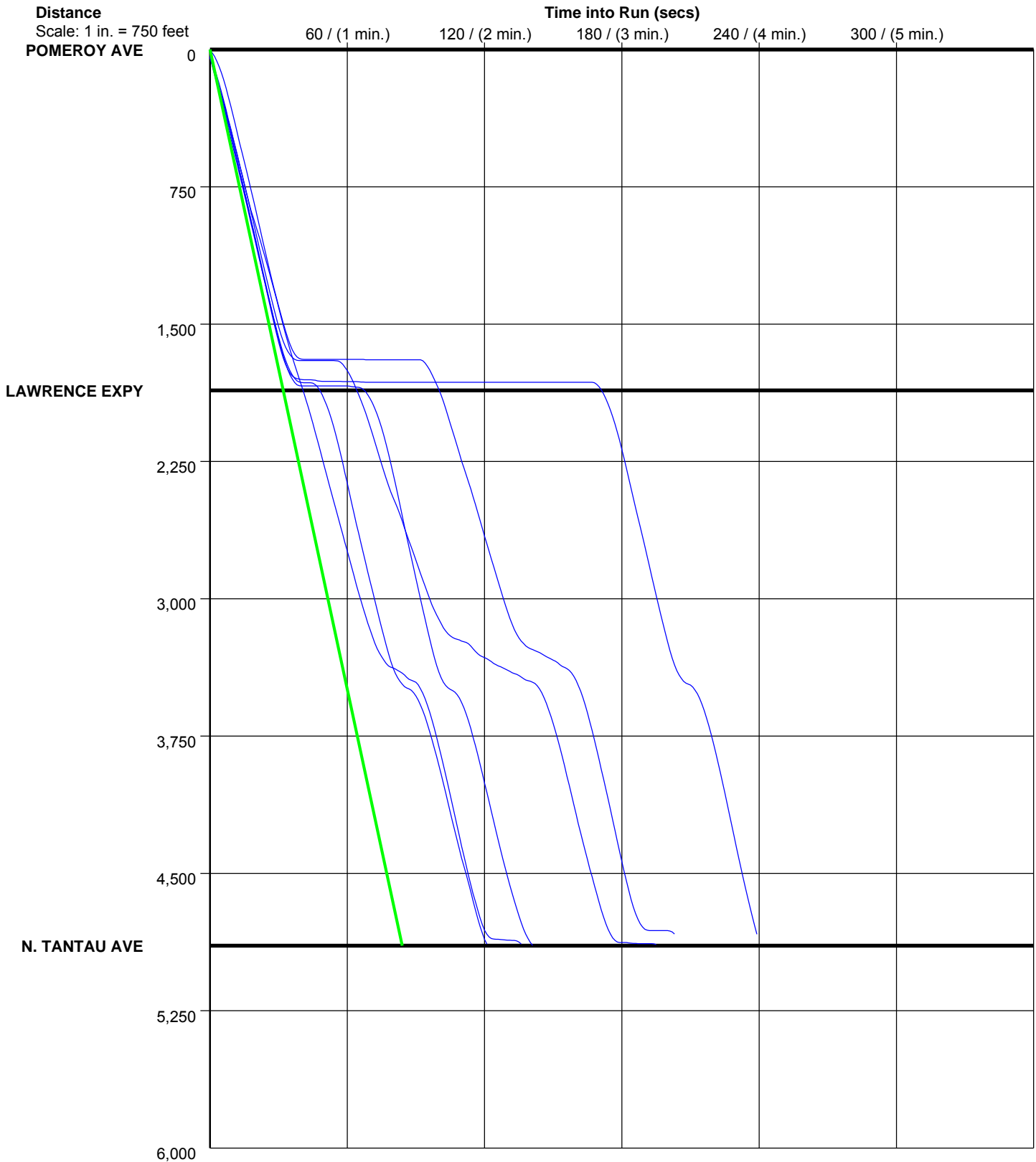
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



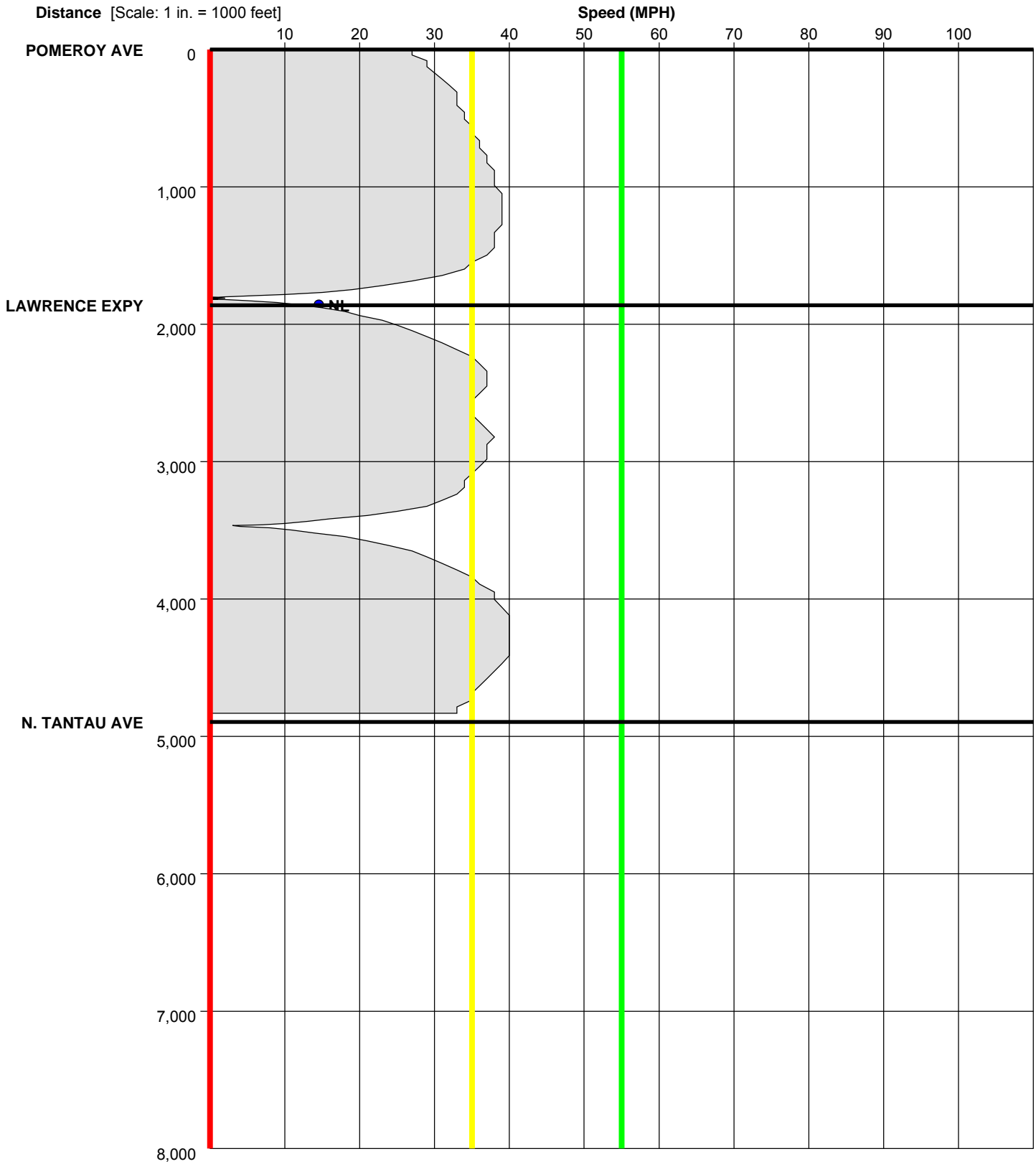
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 AM-WB-001 Start Time: 07:00 (This is a Before Run)

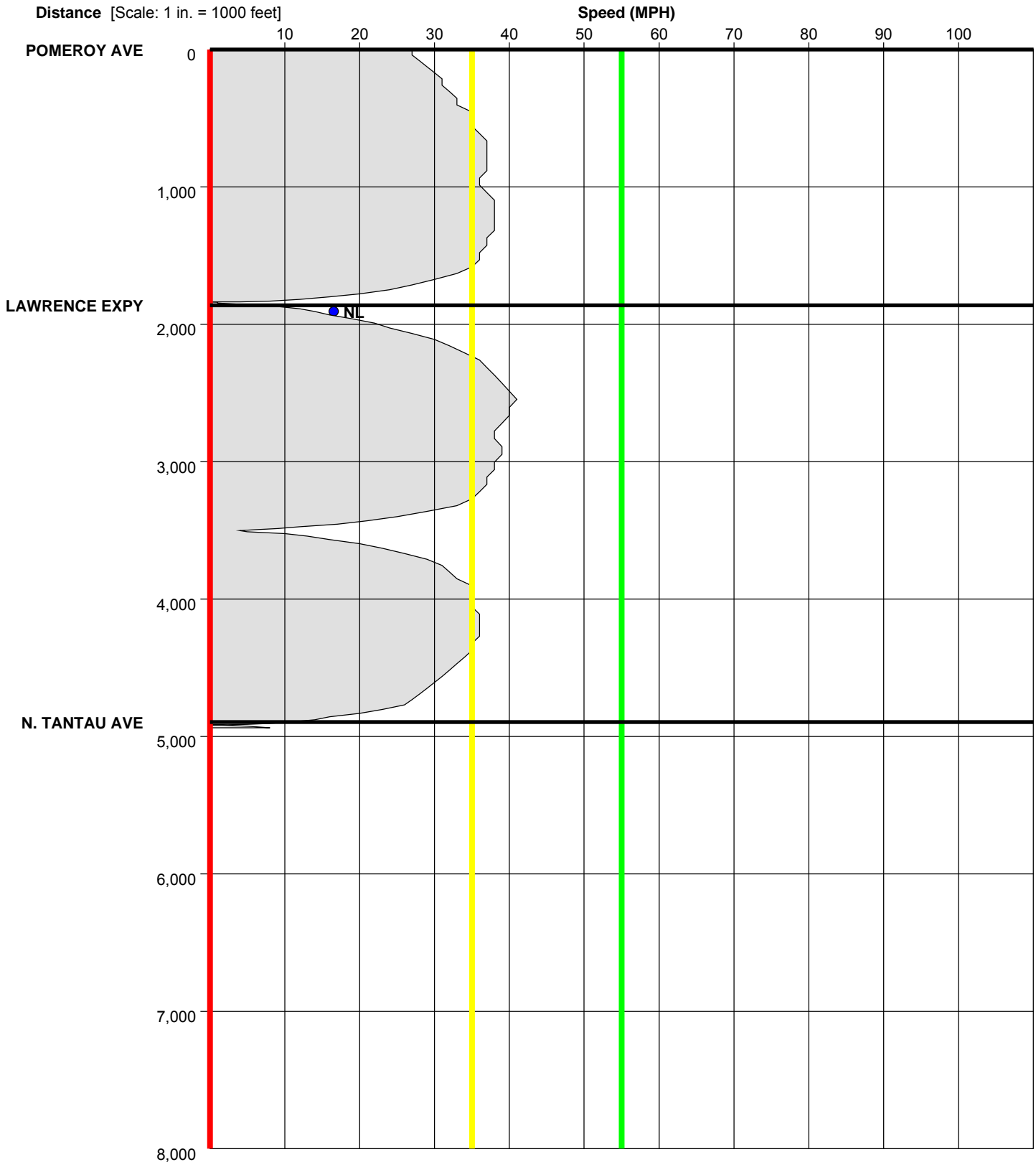


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 AM-WB-002 Start Time: 07:09 (This is a Before Run)

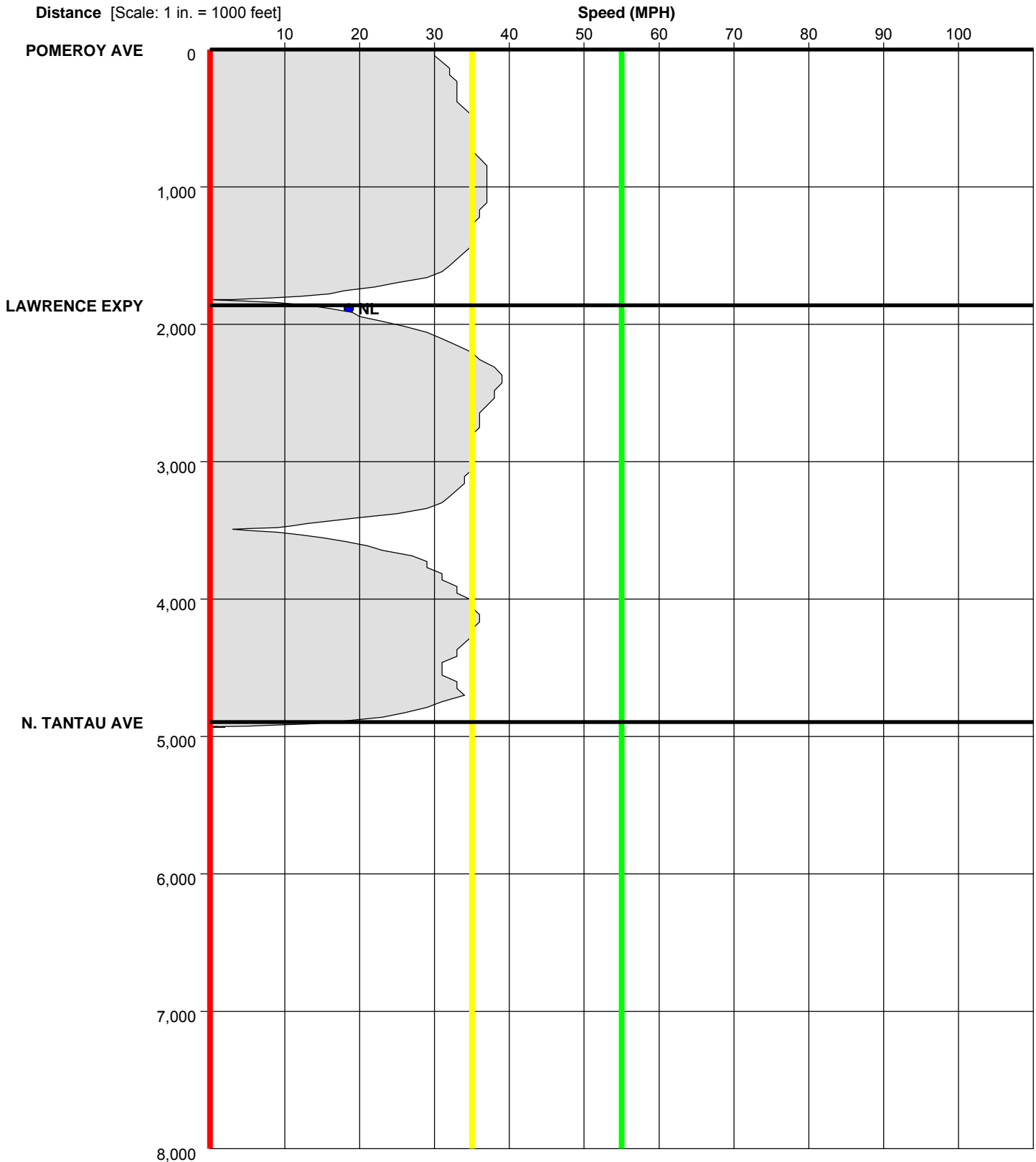


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 AM-WB-003 Start Time: 07:17 (This is a Before Run)

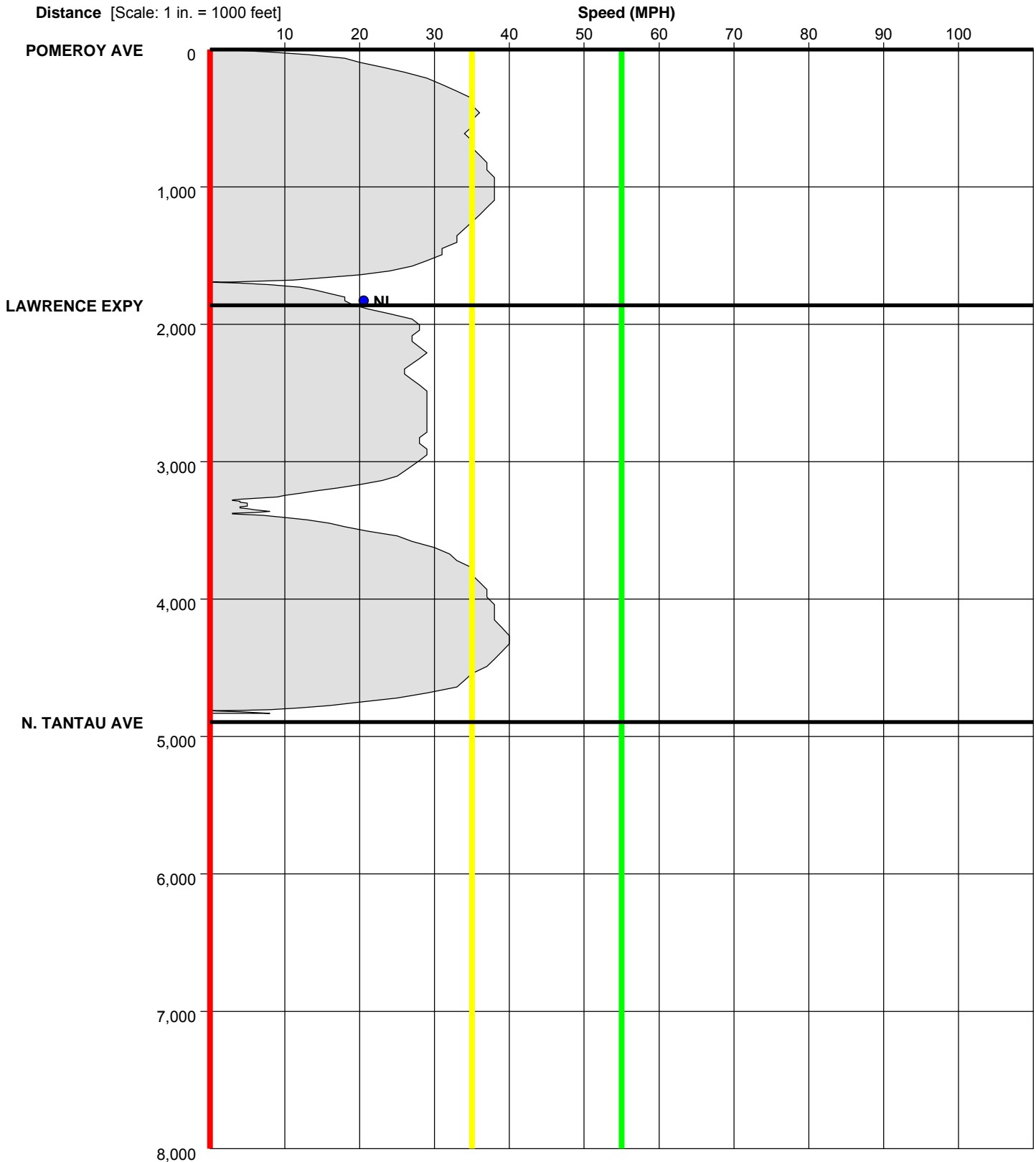


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 AM-WB-004 Start Time: 07:26 (This is a Before Run)

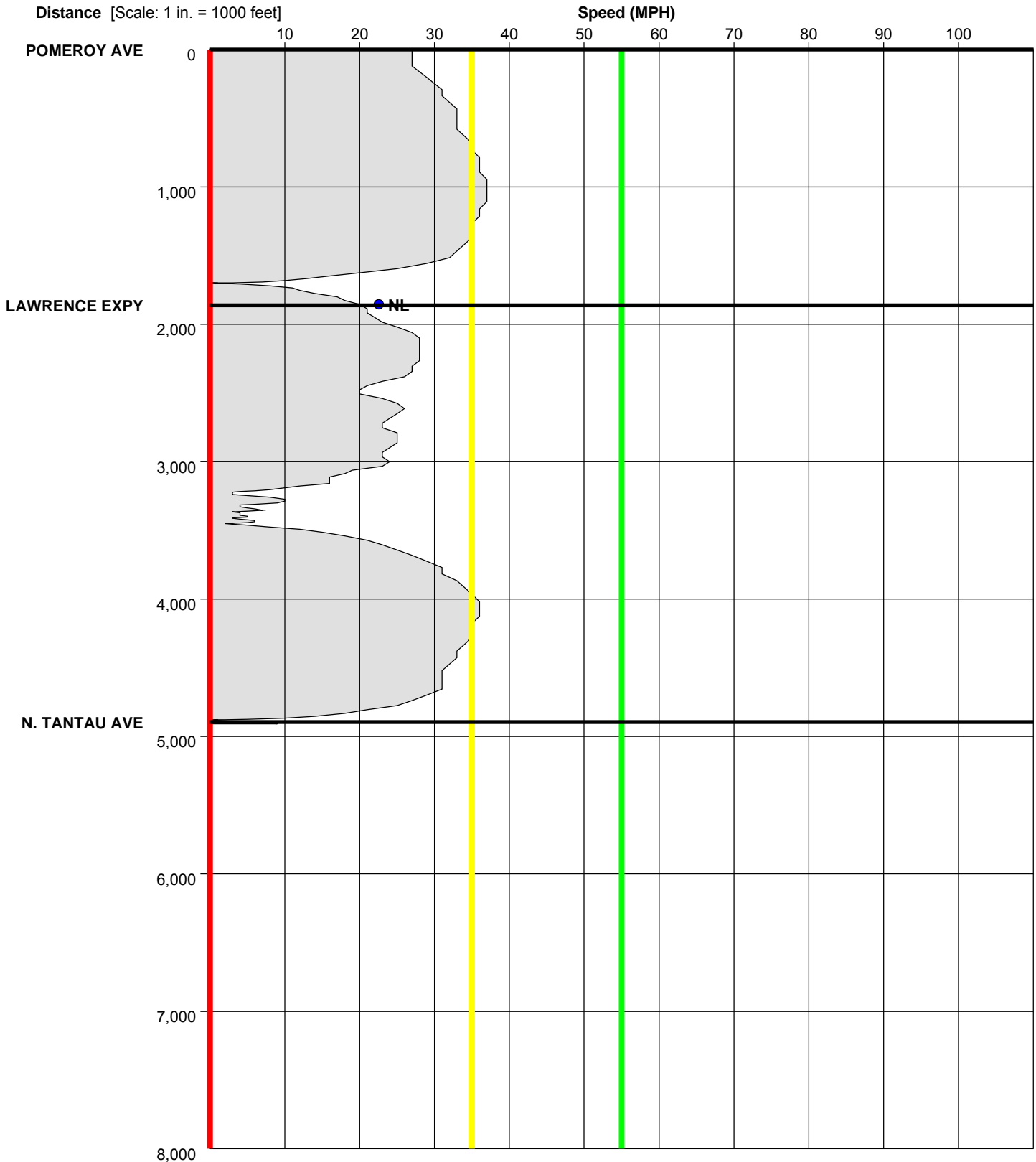


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 AM-WB-005 Start Time: 07:36 (This is a Before Run)



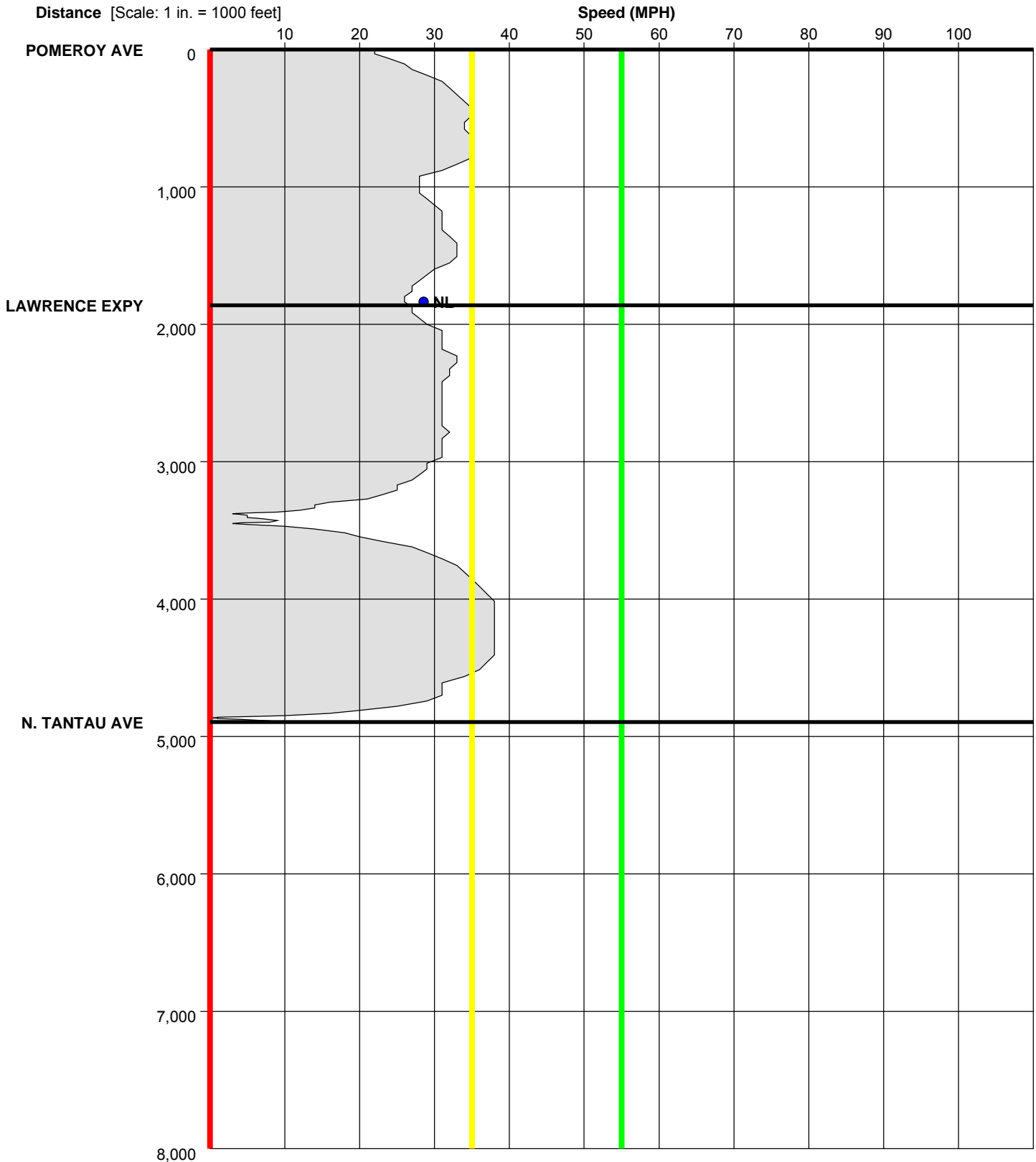


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 AM-WB-006 Start Time: 07:44 (This is a Before Run)

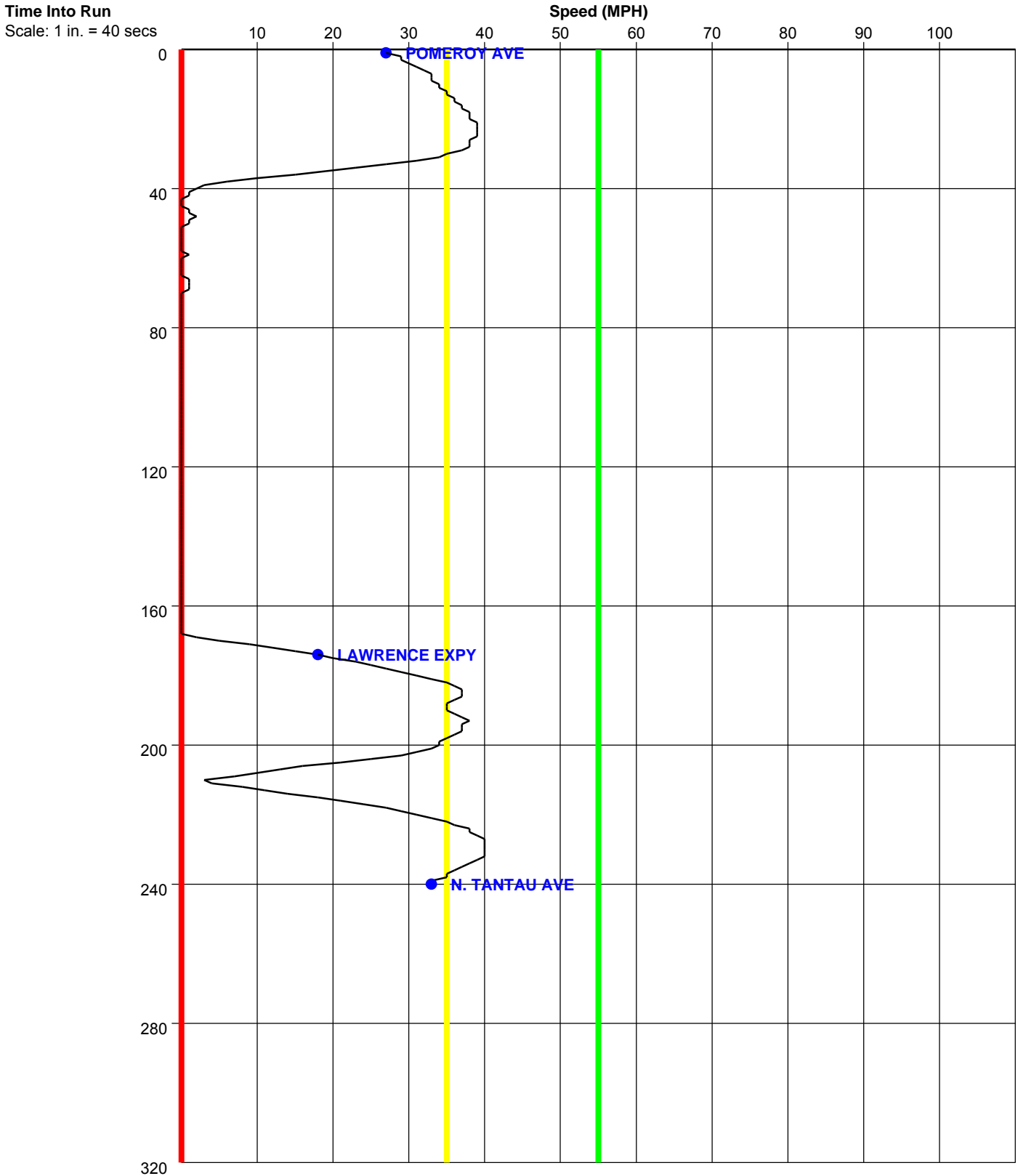


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 AM-WB-001 Start Time:07:00 (This is a Before Run)

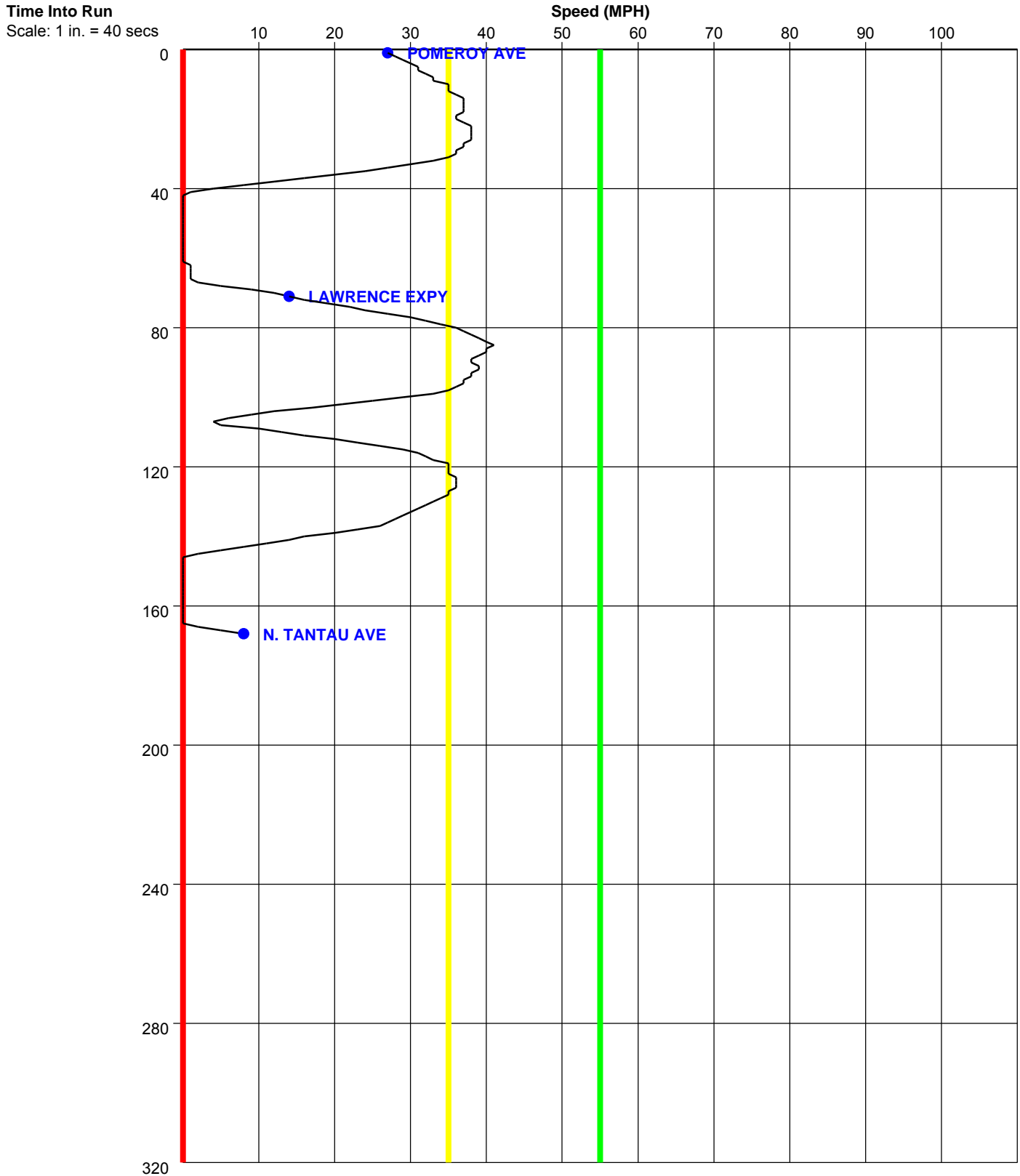


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 AM-WB-002 Start Time:07:09 (This is a Before Run)

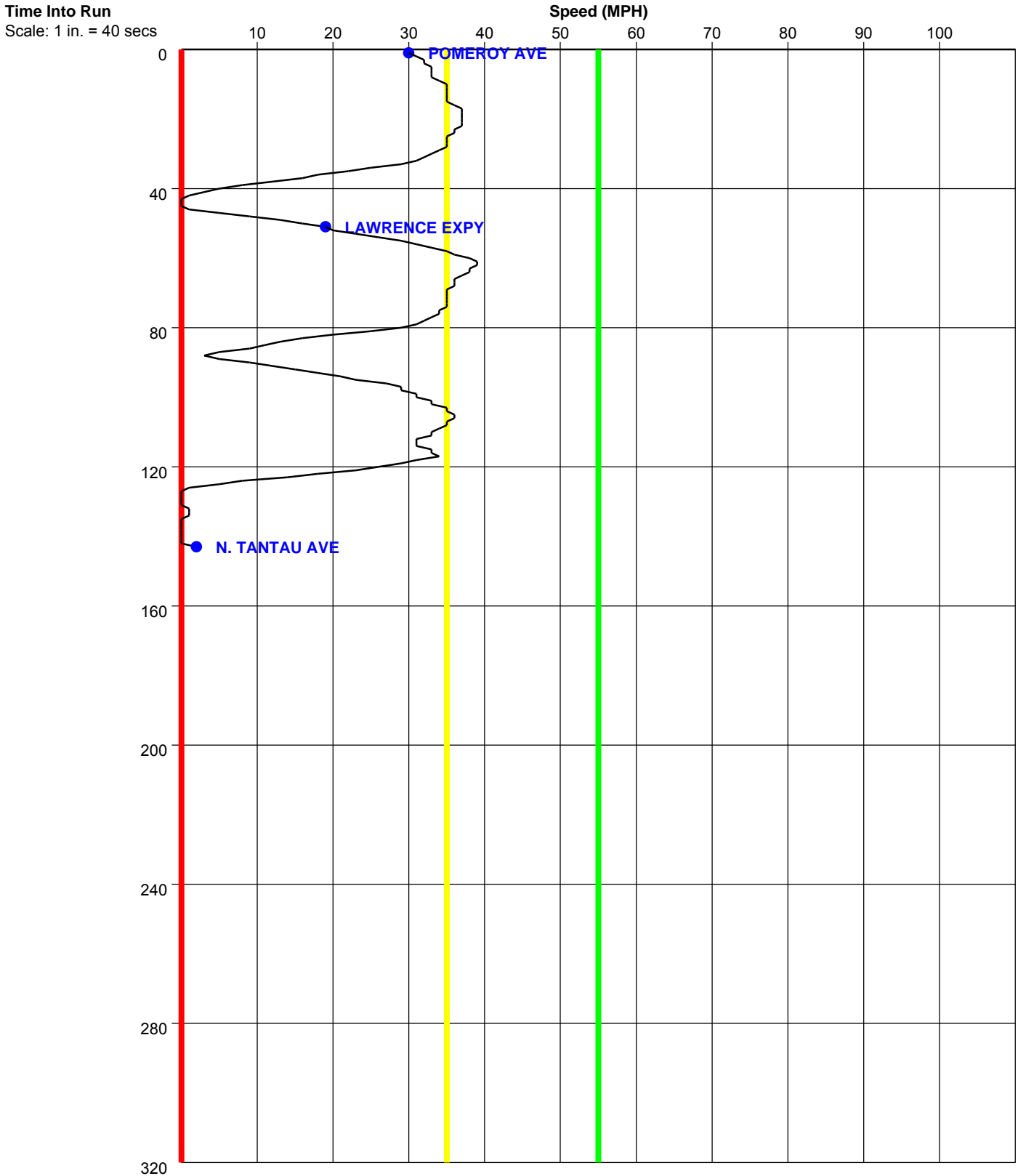


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 AM-WB-003 Start Time:07:17 (This is a Before Run)



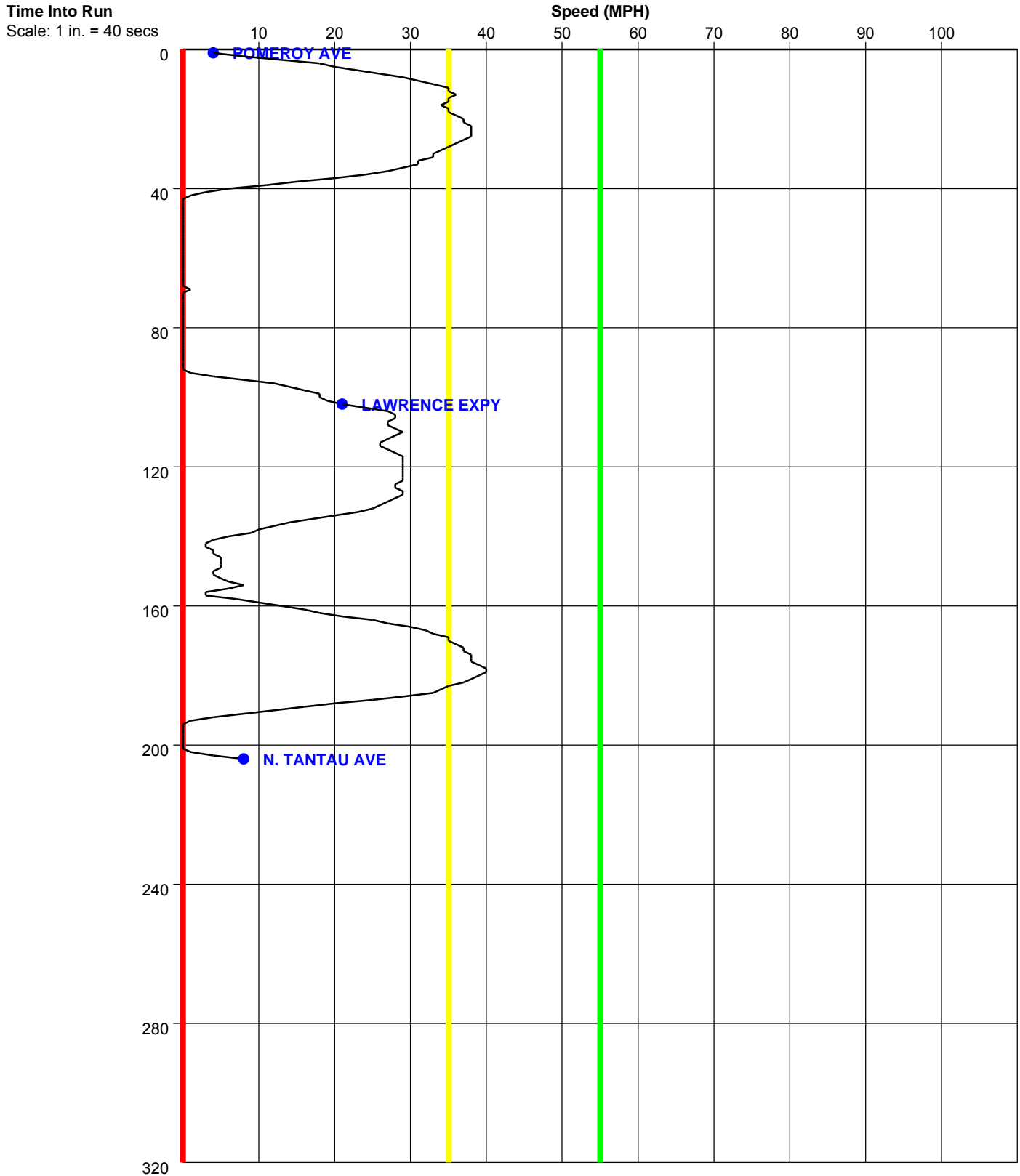
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 22

### Time-Based Speed Profile

Run : 12-7272 AM-WB-004 Start Time:07:26 (This is a Before Run)

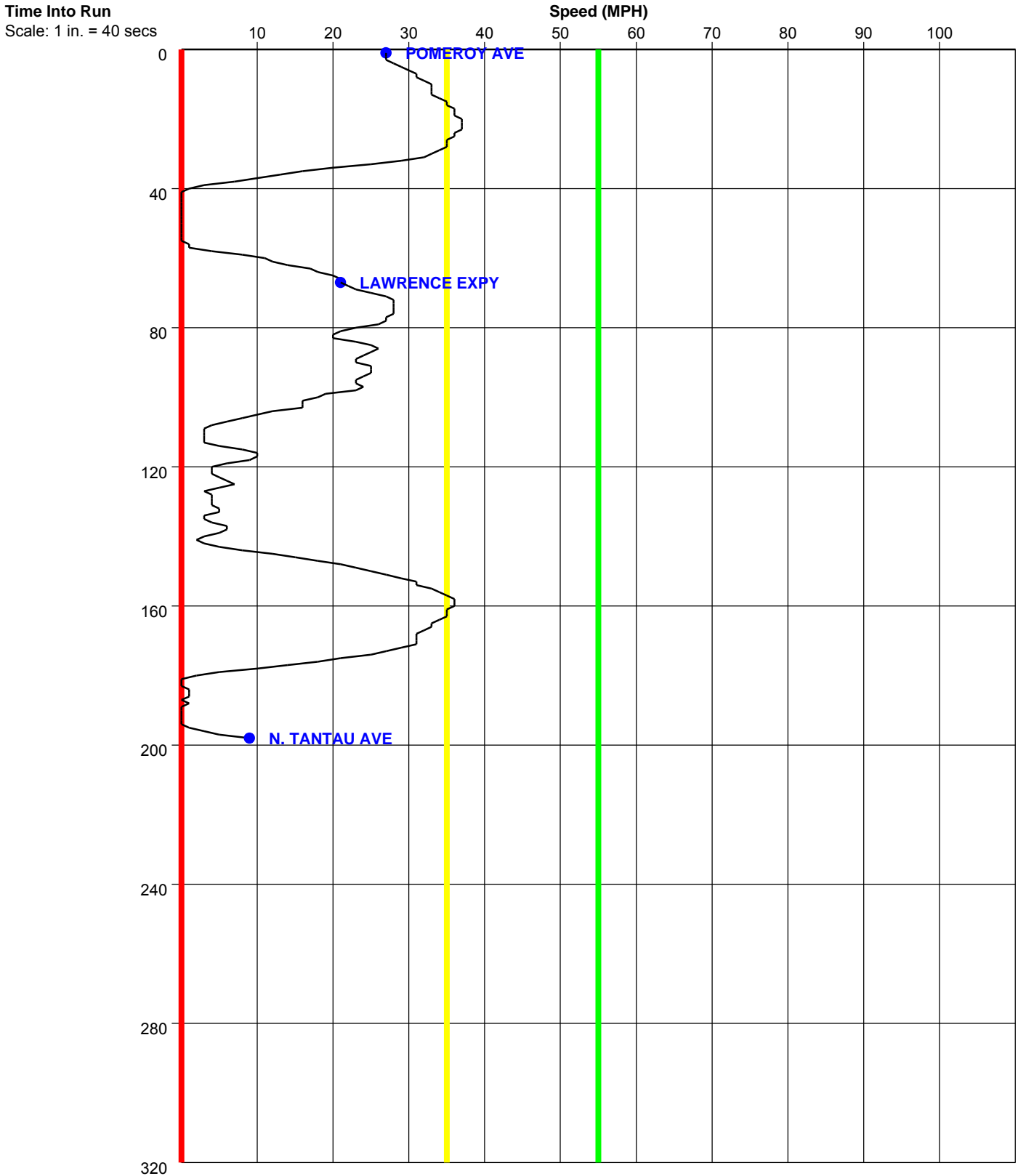


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 23

## Time-Based Speed Profile

Run : 12-7272 AM-WB-005 Start Time:07:36 (This is a Before Run)

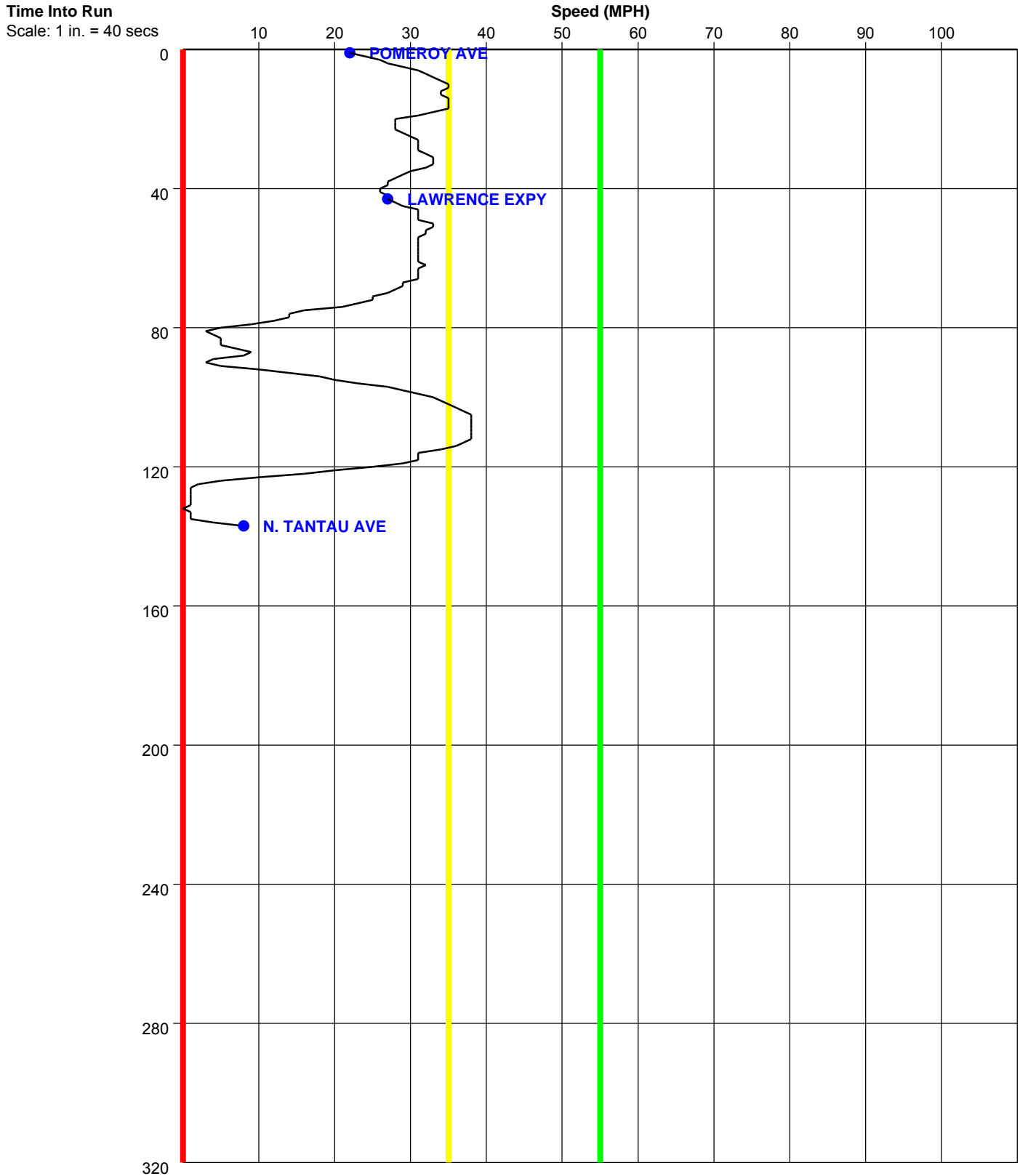


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 AM-WB-006 Start Time:07:44 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE EB PM***

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Speed Profile (Time vs Spd) for 12-7272 PM-EB-001 .....	19
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Speed Profile (Time vs Spd) for 12-7272 PM-EB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 PM-EB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 PM-EB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 PM-EB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **2**

### Study Summary

#### *Runs Used in This Study*

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 PM-EB-001	06/06/12	16:47	4919	Before	Primary
12-7272 PM-EB-002	06/06/12	16:55	4921	Before	Primary
12-7272 PM-EB-003	06/06/12	17:05	4821	Before	Primary
12-7272 PM-EB-004	06/06/12	17:13	4805	Before	Primary
12-7272 PM-EB-005	06/06/12	17:24	4836	Before	Primary
12-7272 PM-EB-006	06/06/12	17:33	4814	Before	Primary

#### *Node Info*

#	Len	Name
1	0	N. TANTAU AVE
2	3225	LAWRENCE EXPY
3	1697	POMEROY AVE

Length of Study Route = 4,922 feet

#### **Notes:**

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **3**

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	N. TANTAU AVE							
2	3225	LAWRENCE EXPY	189.2	3.0	11.6	134.0	90.0	175.5	189.2
3	1697	POMEROY AVE	42.7	0.2	27.1	14.2	0.2	41.7	41.7
<b>Total</b>	<b>4,922</b>		<b>231.8</b>	<b>3.2</b>	<b>14.5</b>	<b>148.2</b>	<b>90.2</b>	<b>217.2</b>	<b>230.8</b>

Stats based on 6 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.  
 Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	177	213	157	224	190	174
3	1697	POMEROY AVE	37	50	40	37	47	45
<b>Totals</b>	<b>4922</b>		<b>214</b>	<b>263</b>	<b>197</b>	<b>261</b>	<b>237</b>	<b>219</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	2	5	2	4	3	2
3	1697	POMEROY AVE	0	1	0	0	0	0
<b>Totals</b>	<b>4922</b>		<b>2</b>	<b>6</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>2</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	12.5	10.4	14.1	9.9	11.6	12.7
3	1697	POMEROY AVE	31.8	23.5	27.5	29.4	23.6	24.3
<b>Totals</b>	<b>4922</b>		<b>15.7</b>	<b>12.8</b>	<b>16.8</b>	<b>12.6</b>	<b>14.0</b>	<b>15.1</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	122	158	102	168	135	119
3	1697	POMEROY AVE	7	21	12	9	19	17
Totals	4922		129	179	114	177	154	136

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	94	108	61	114	86	77
3	1697	POMEROY AVE	0	1	0	0	0	0
<b>Totals</b>	<b>4922</b>		<b>94</b>	<b>109</b>	<b>61</b>	<b>114</b>	<b>86</b>	<b>77</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	157	204	149	199	181	163
3	1697	POMEROY AVE	36	49	39	36	46	44
<b>Totals</b>	<b>4922</b>		<b>193</b>	<b>253</b>	<b>188</b>	<b>235</b>	<b>227</b>	<b>207</b>



# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM**  
 Study Date : **6/14/2012**  
 Page No. : **10**

### Detailed Statistics By Run

#### Time Below 55 MPH by Section

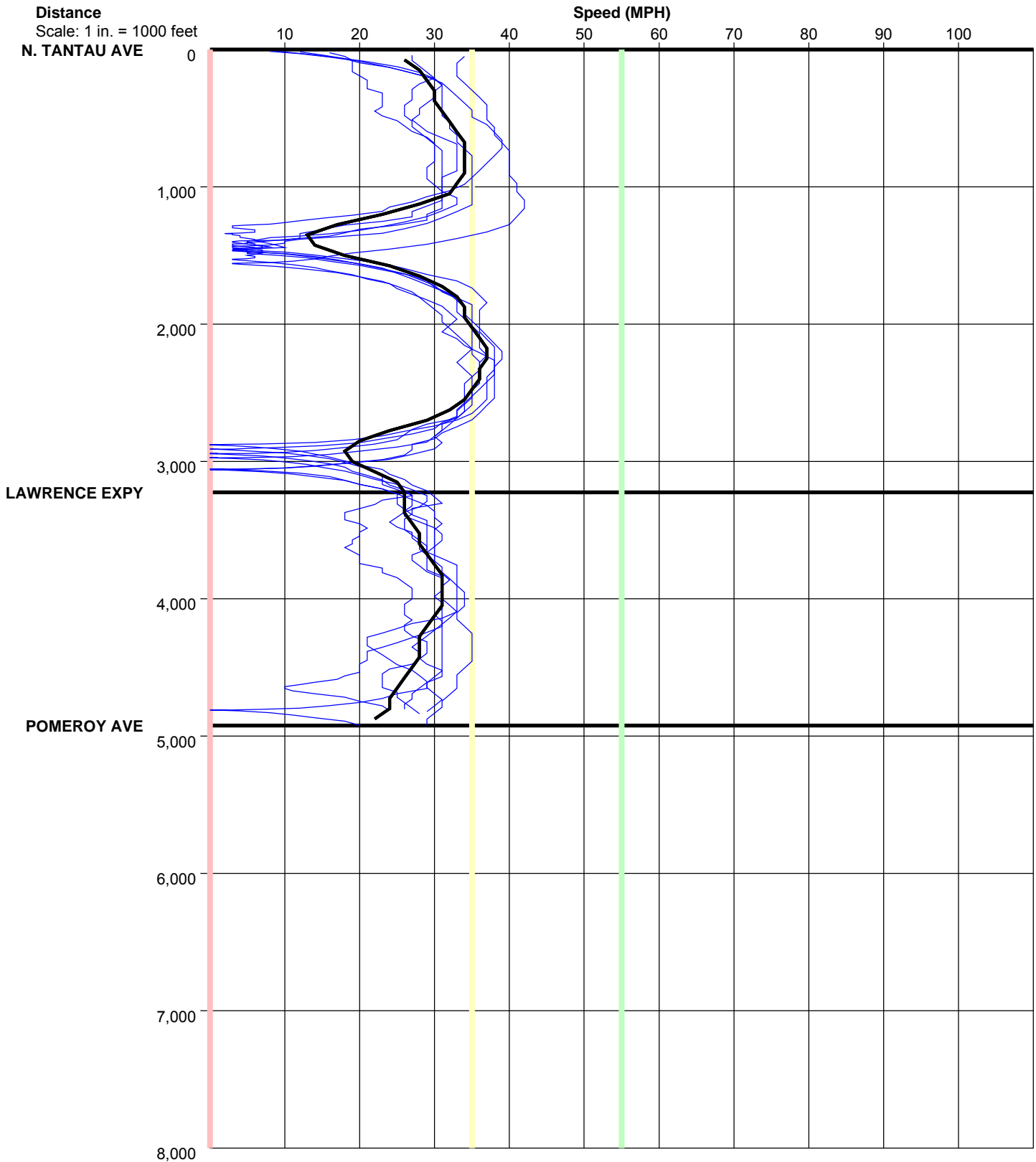
12-7272 PM-EB-001  
 12-7272 PM-EB-002  
 12-7272 PM-EB-003  
 12-7272 PM-EB-004  
 12-7272 PM-EB-005  
 12-7272 PM-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	177	213	157	224	190	174
3	1697	POMEROY AVE	36	49	39	36	46	44
<b>Totals</b>	<b>4922</b>		<b>213</b>	<b>262</b>	<b>196</b>	<b>260</b>	<b>236</b>	<b>218</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 11

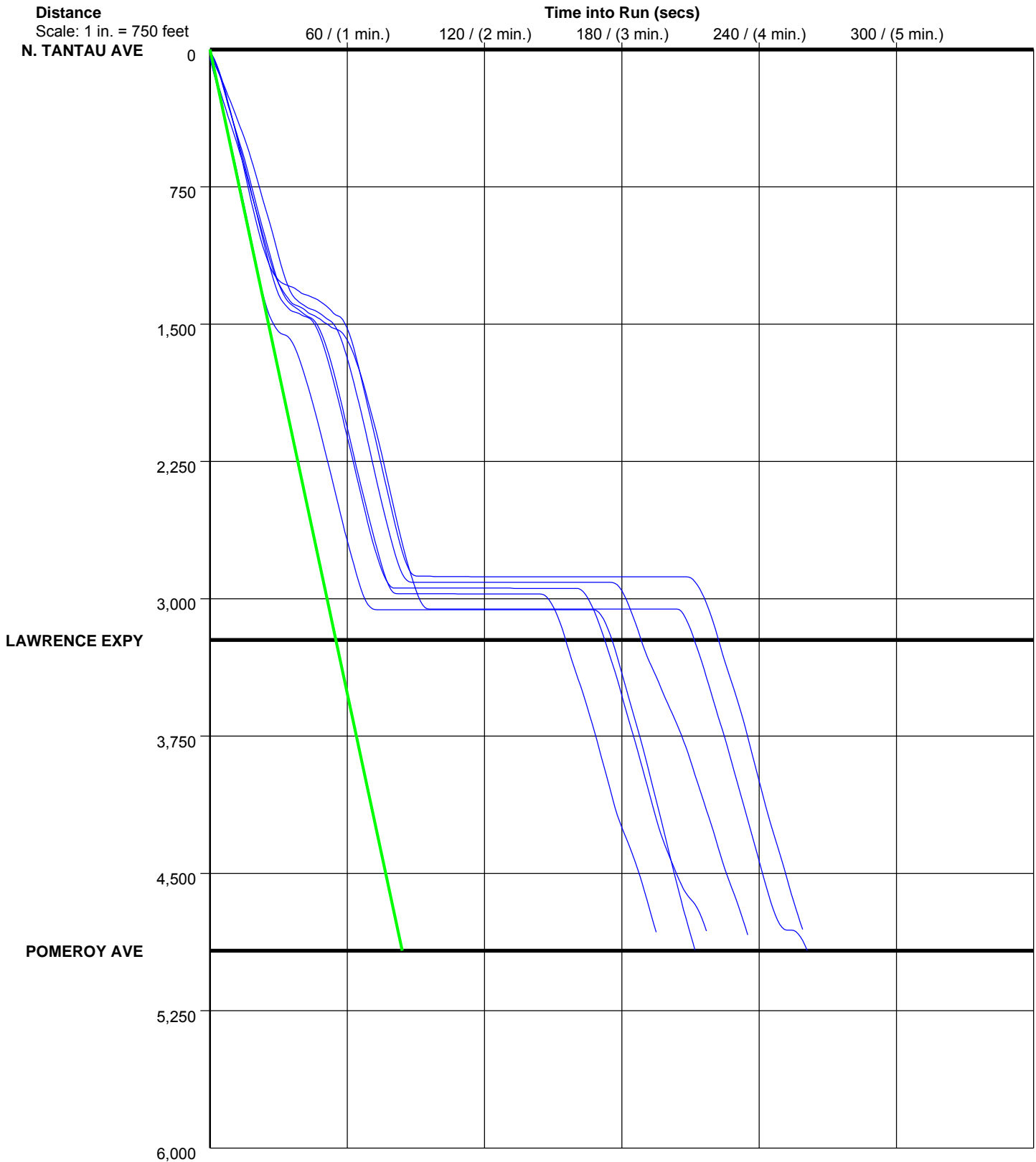
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



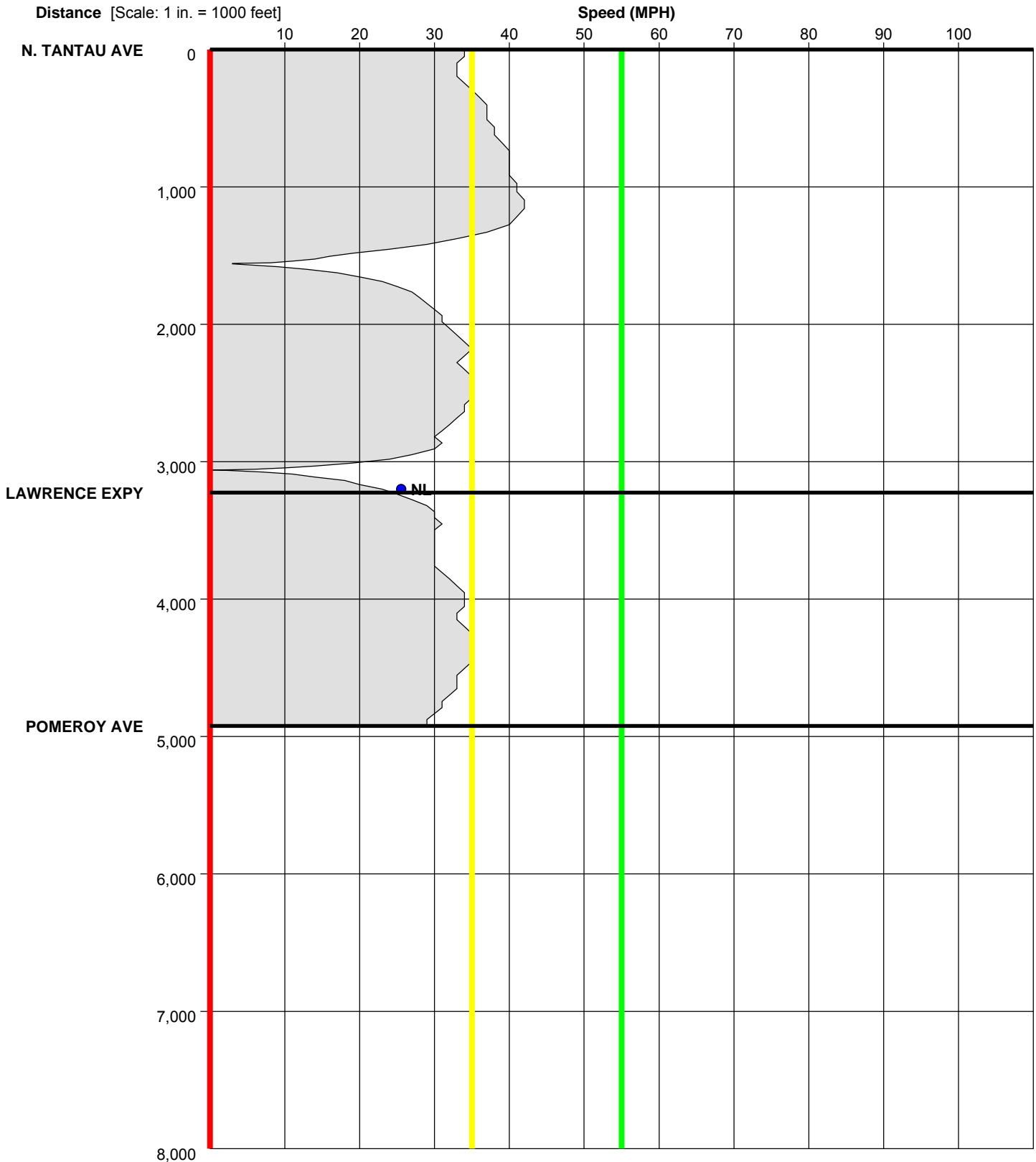
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 PM-EB-001 Start Time: 16:47 (This is a Before Run)

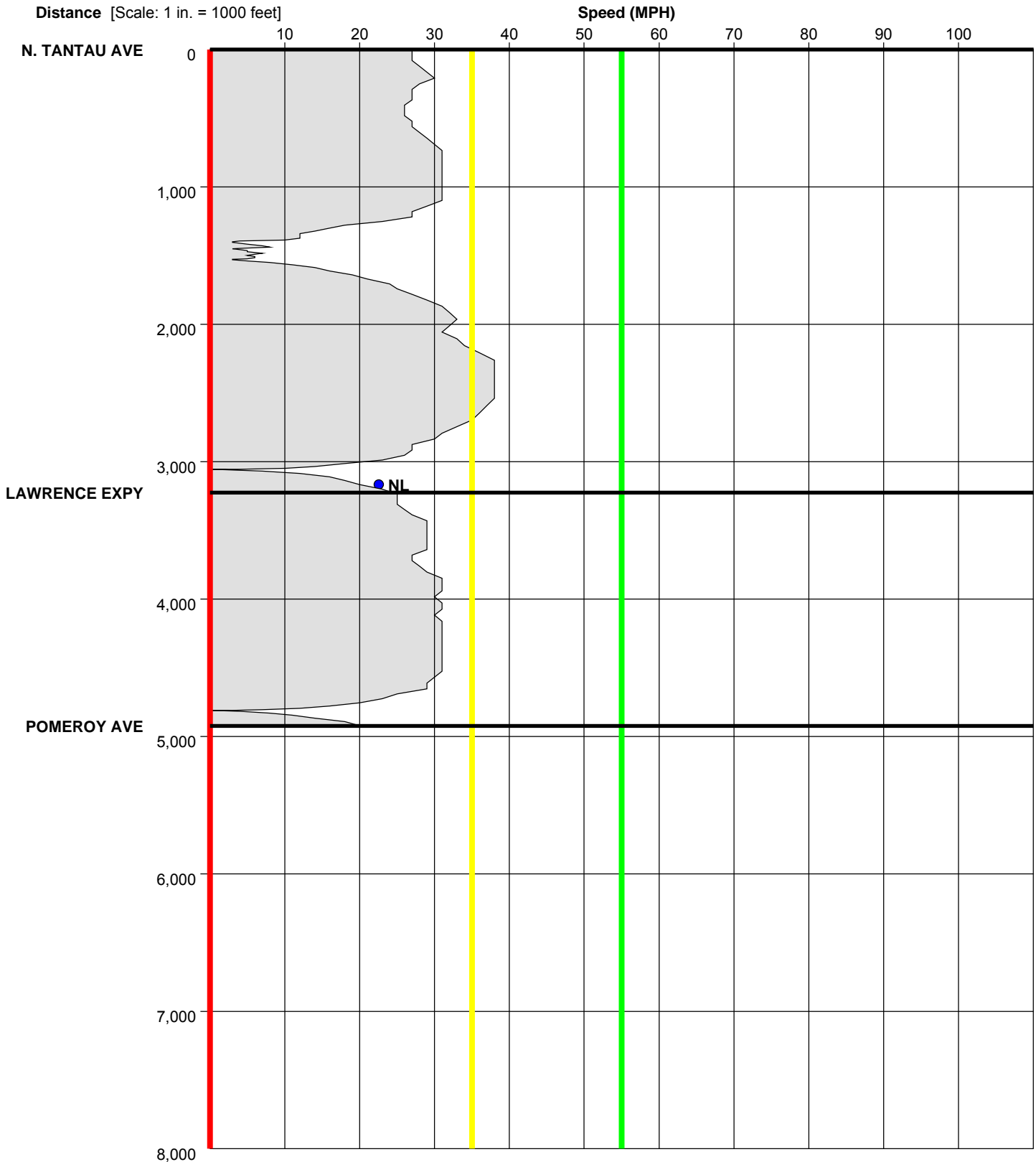


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 PM-EB-002 Start Time: 16:55 (This is a Before Run)

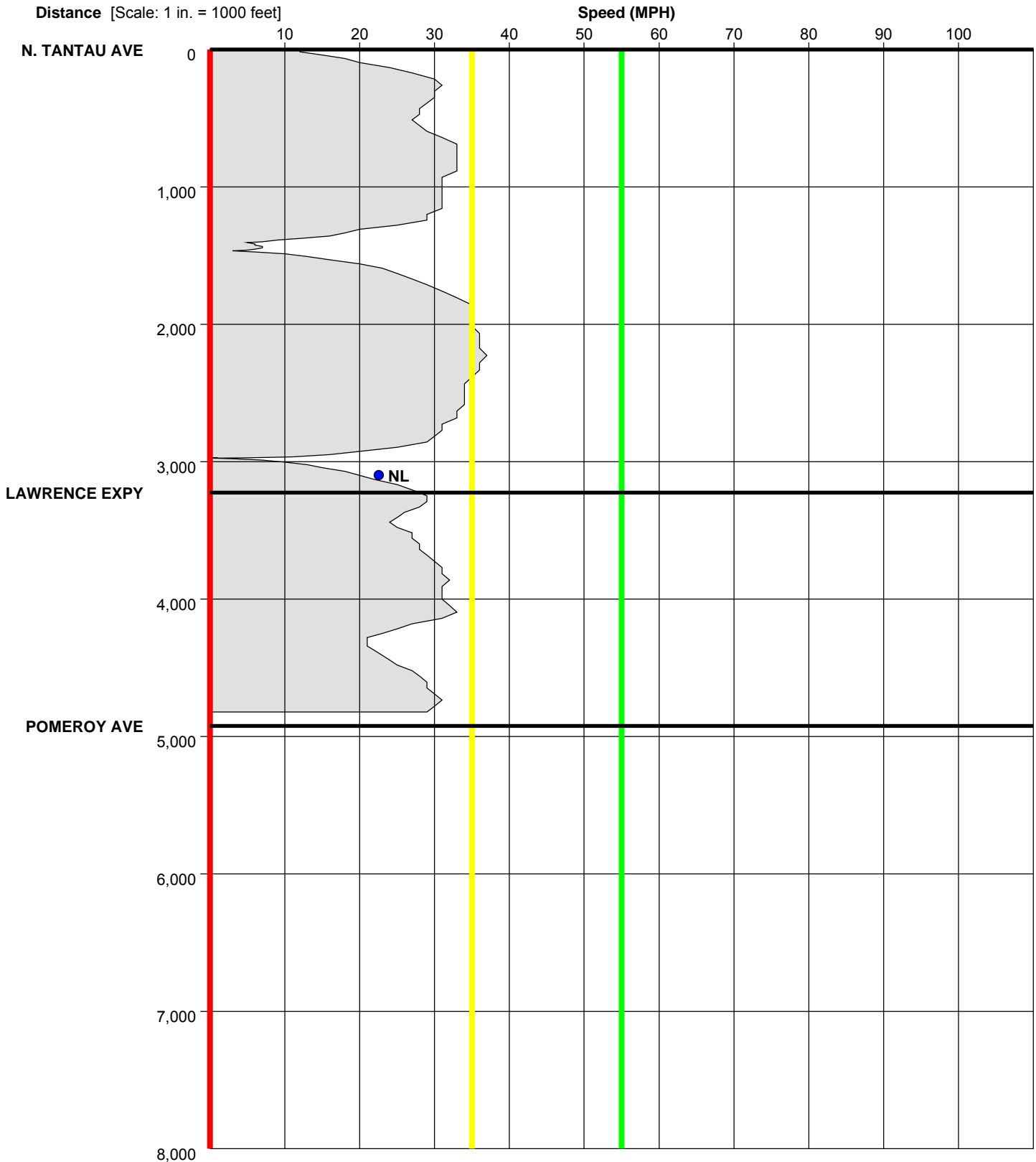


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 PM-EB-003 Start Time: 17:05 (This is a Before Run)

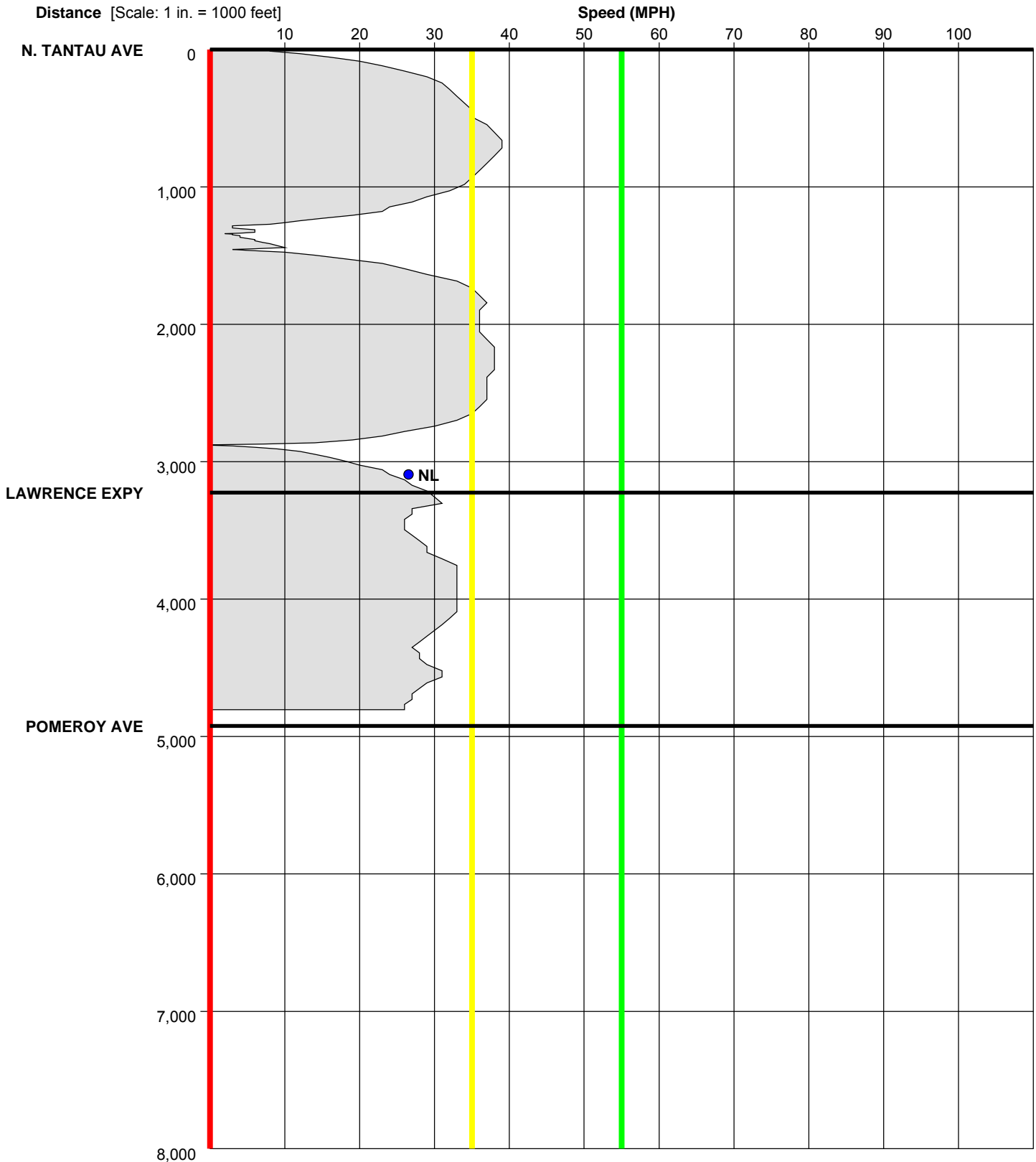


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 PM-EB-004 Start Time: 17:13 (This is a Before Run)

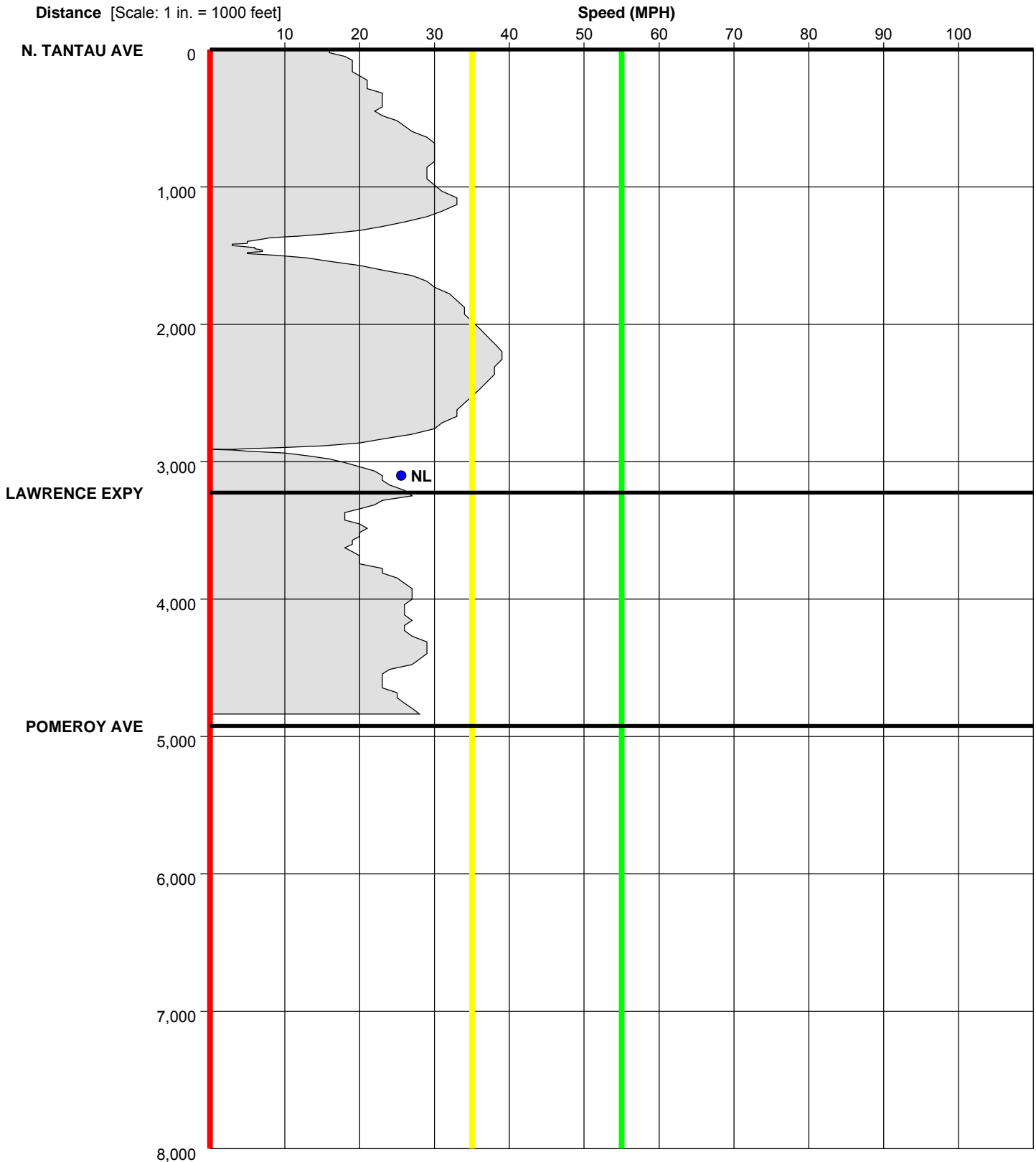


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 PM-EB-005 Start Time: 17:24 (This is a Before Run)



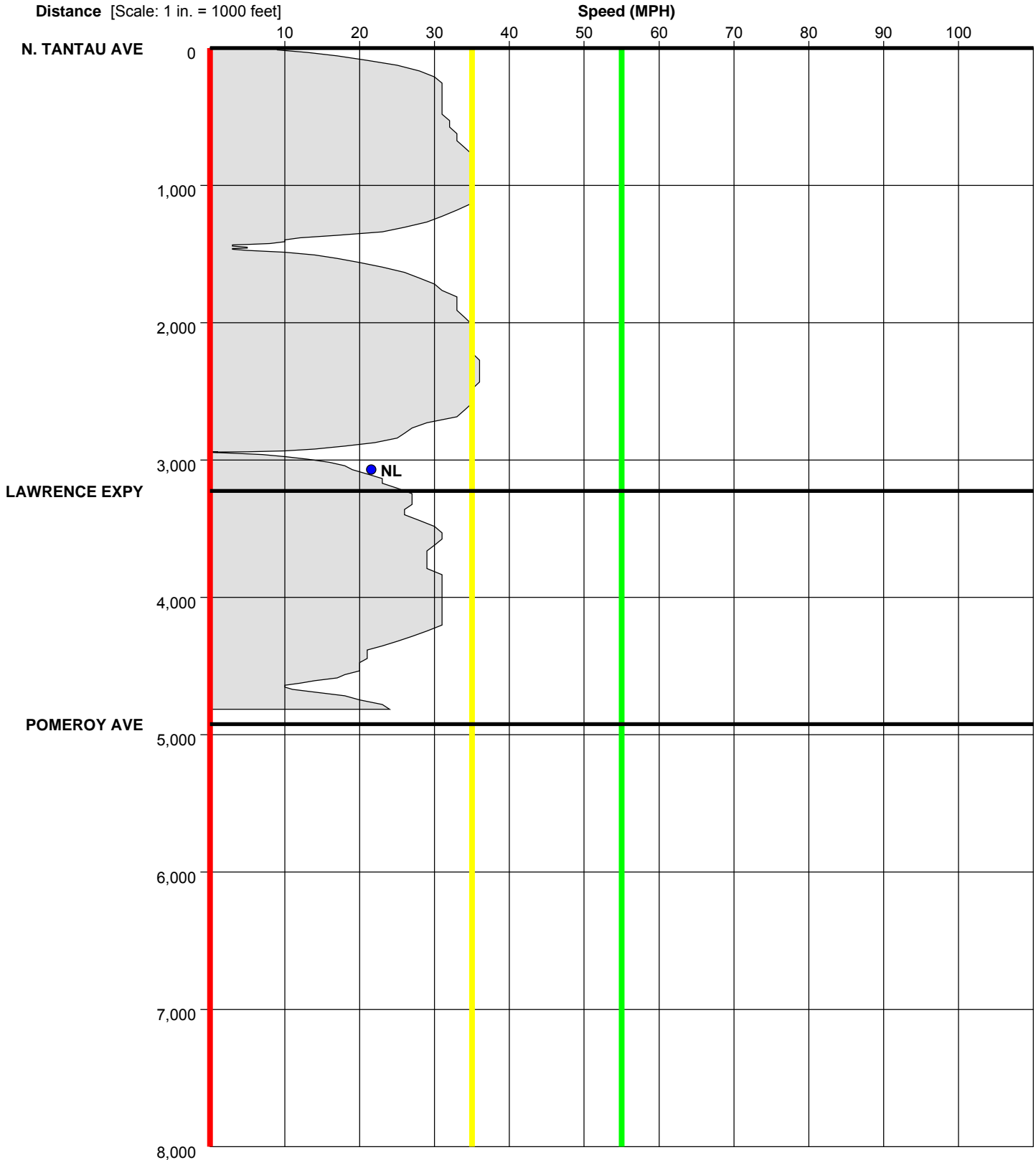


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 PM-EB-006 Start Time: 17:33 (This is a Before Run)

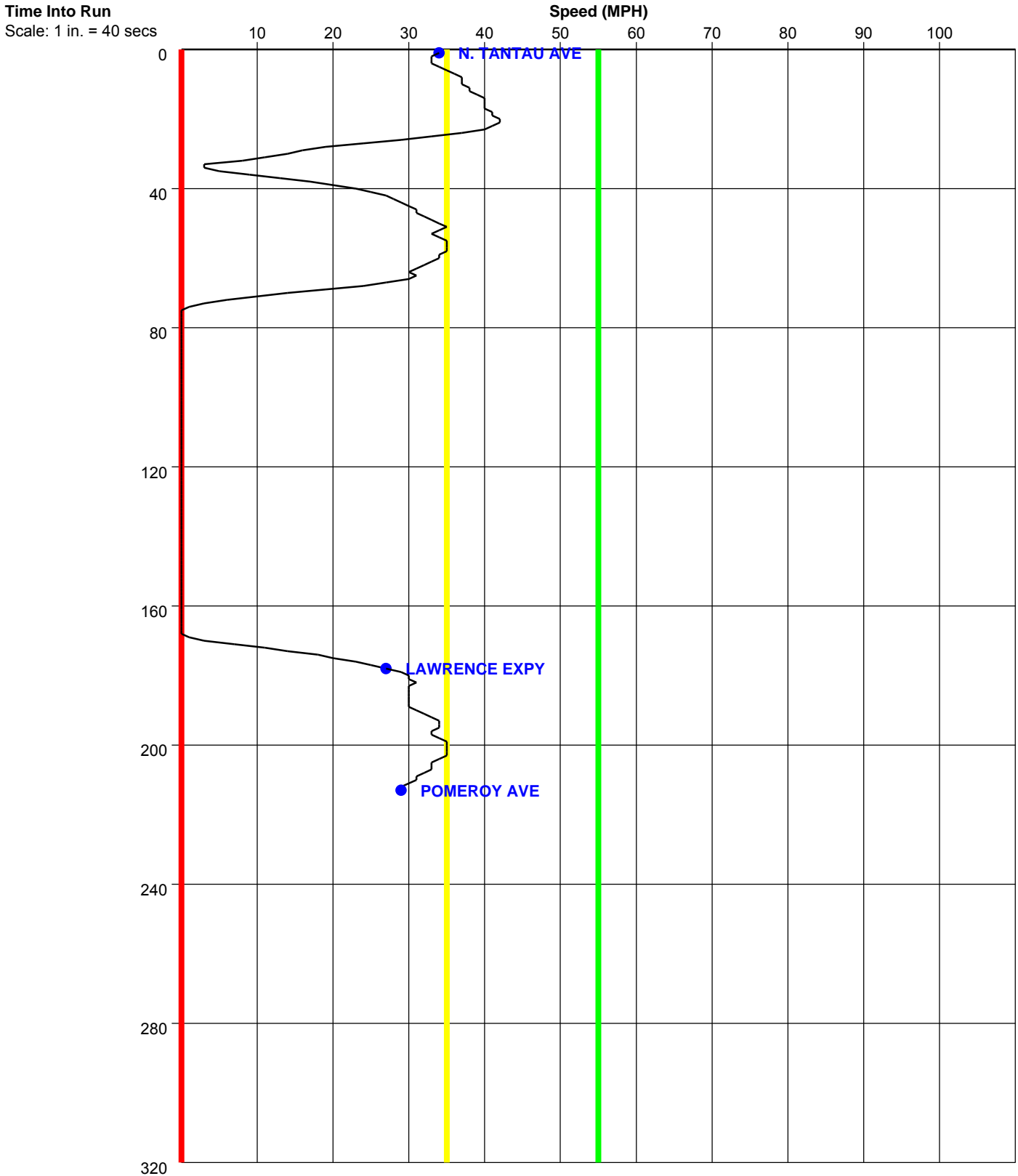


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 PM-EB-001 Start Time:16:47 (This is a Before Run)

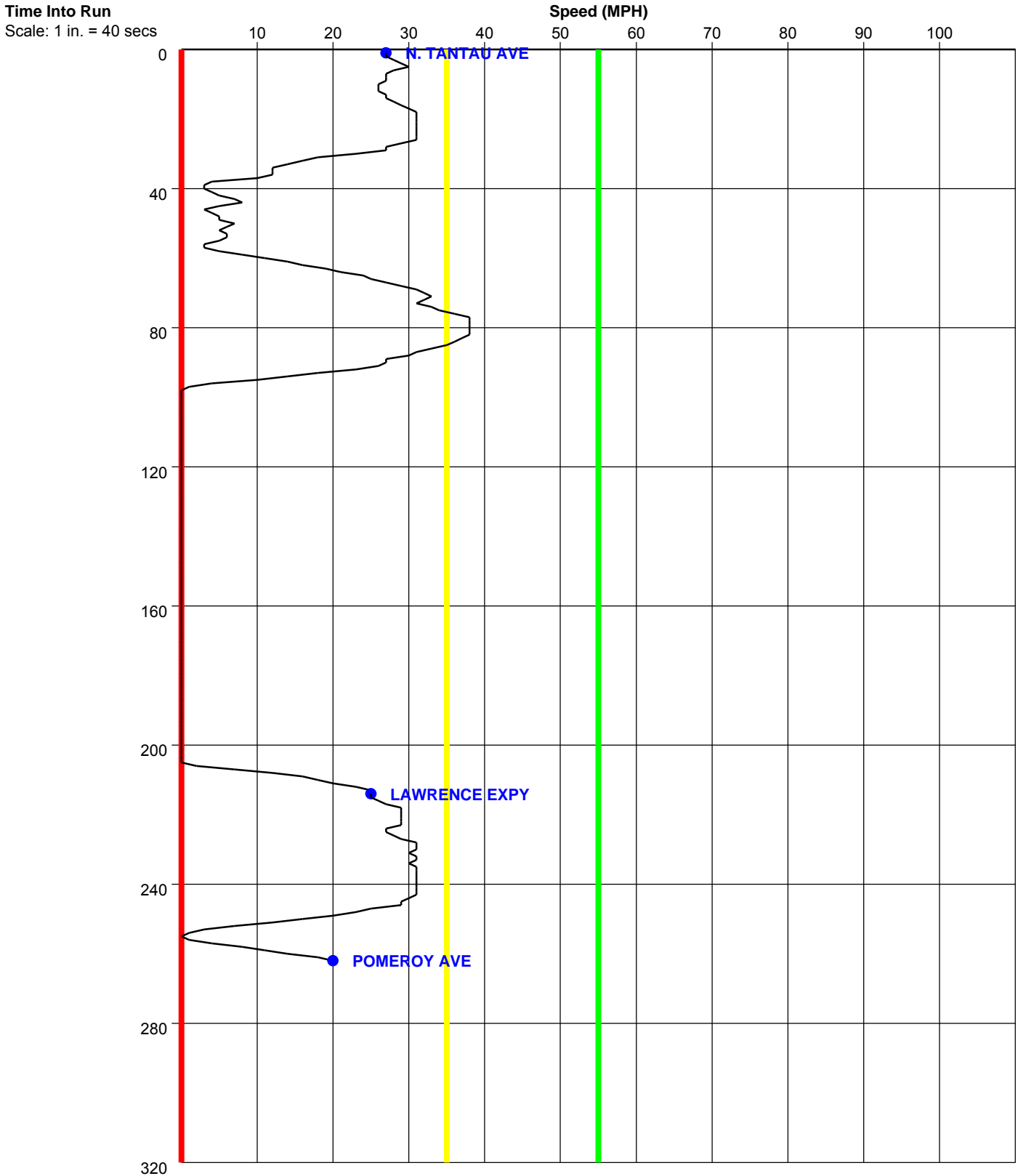


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 PM-EB-002 Start Time:16:55 (This is a Before Run)

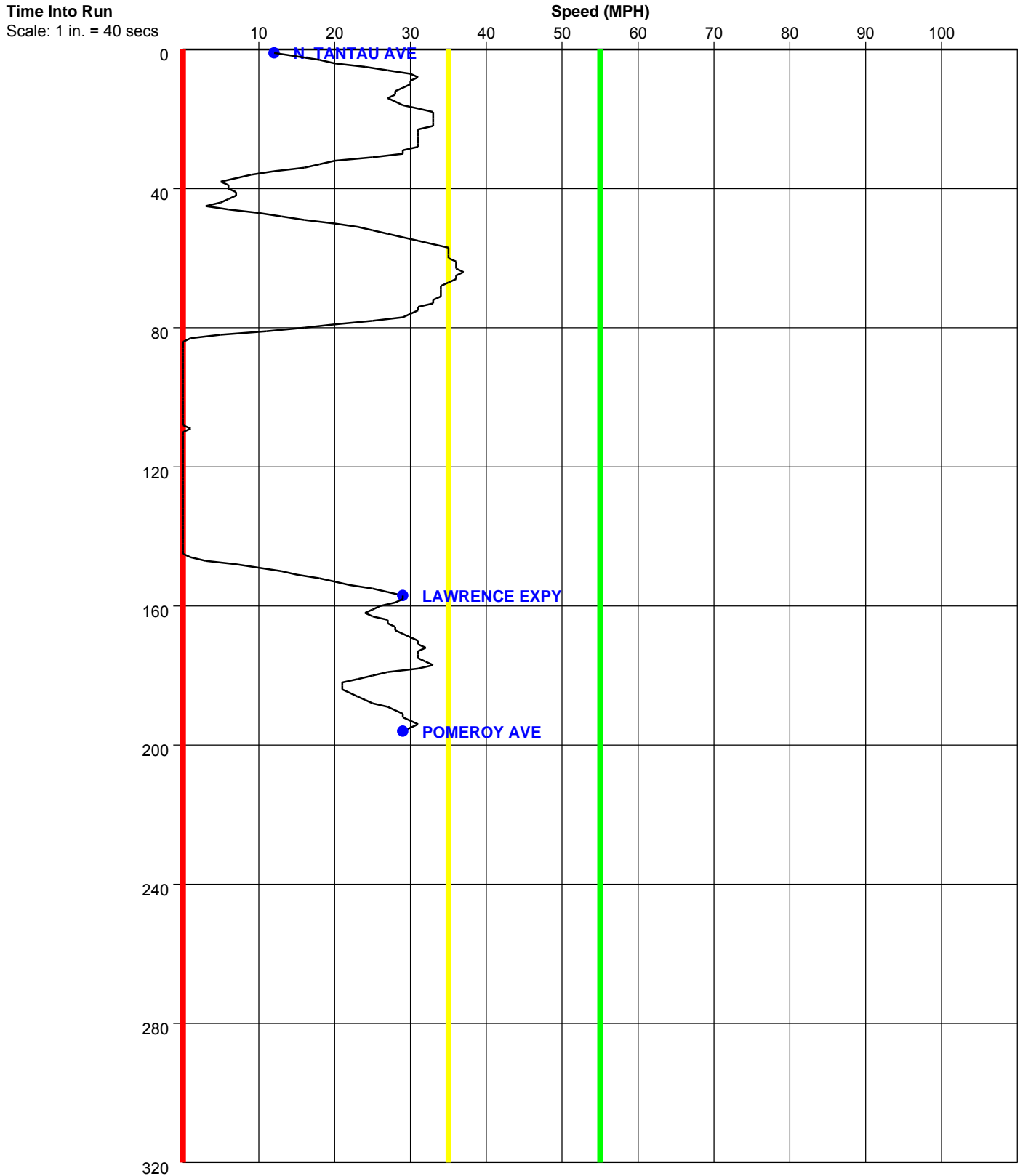


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 PM-EB-003 Start Time:17:05 (This is a Before Run)



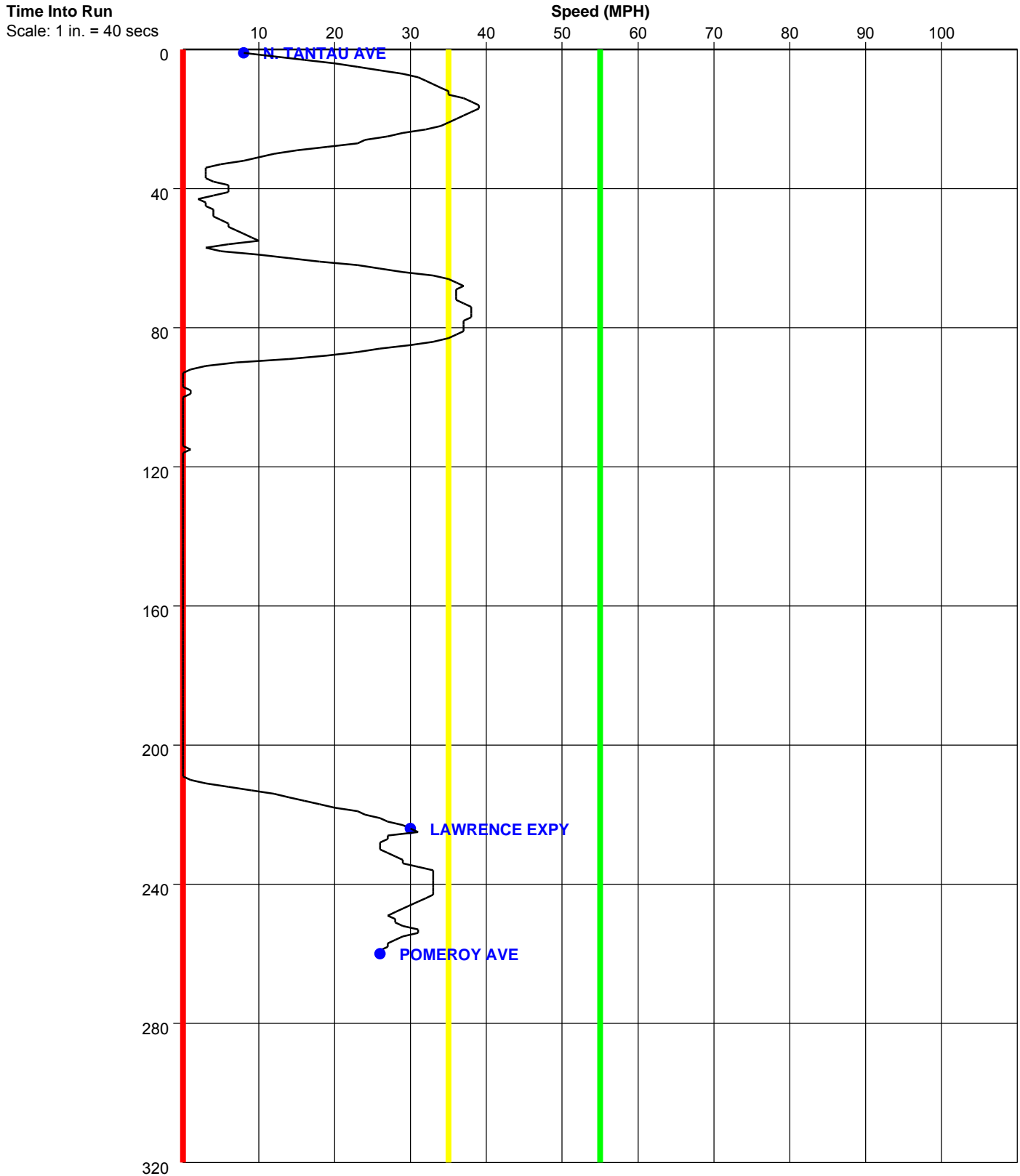
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 22

### Time-Based Speed Profile

Run : 12-7272 PM-EB-004 Start Time:17:13 (This is a Before Run)



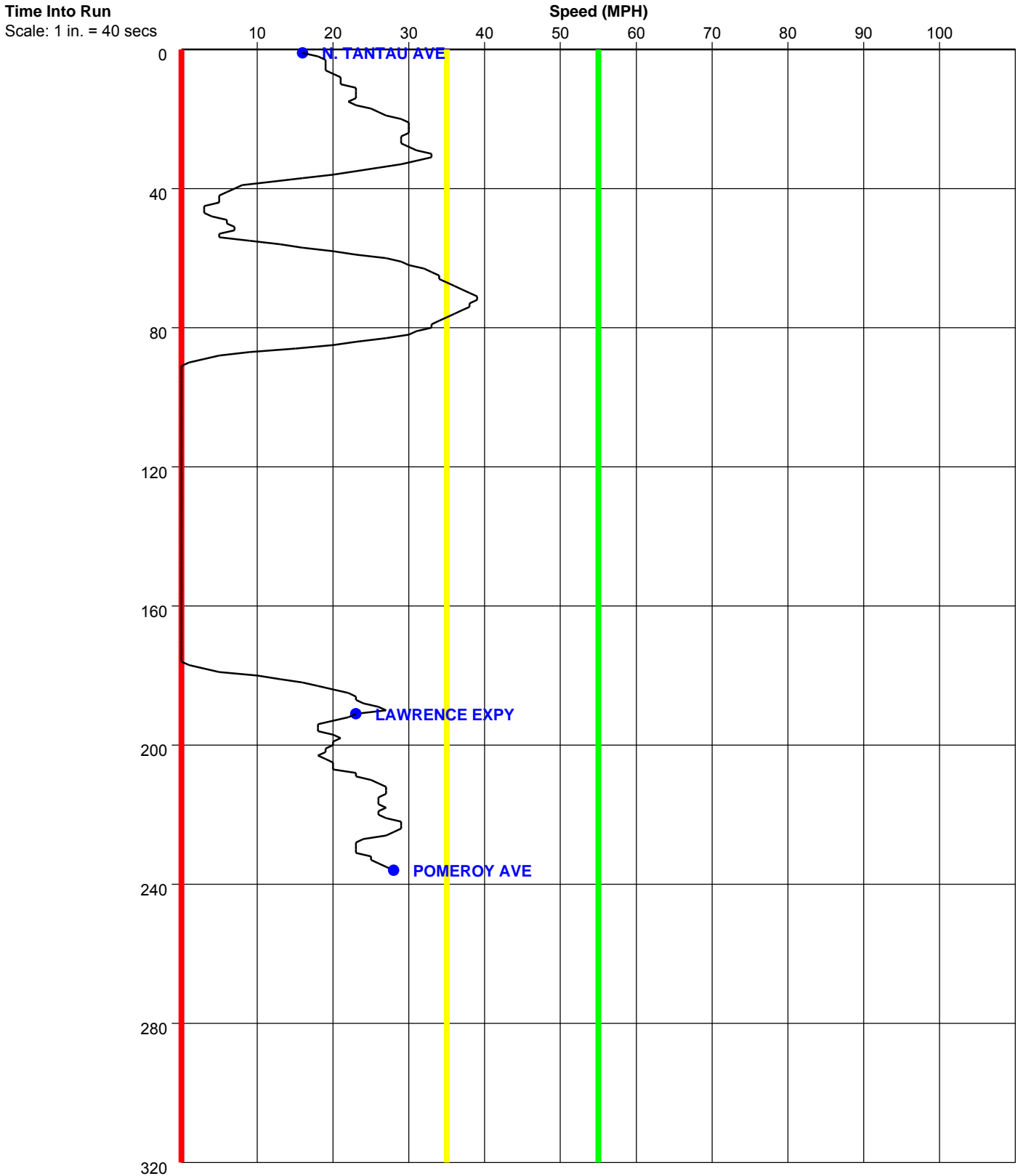
# ATD

Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 23

## Time-Based Speed Profile

Run : 12-7272 PM-EB-005 Start Time:17:24 (This is a Before Run)

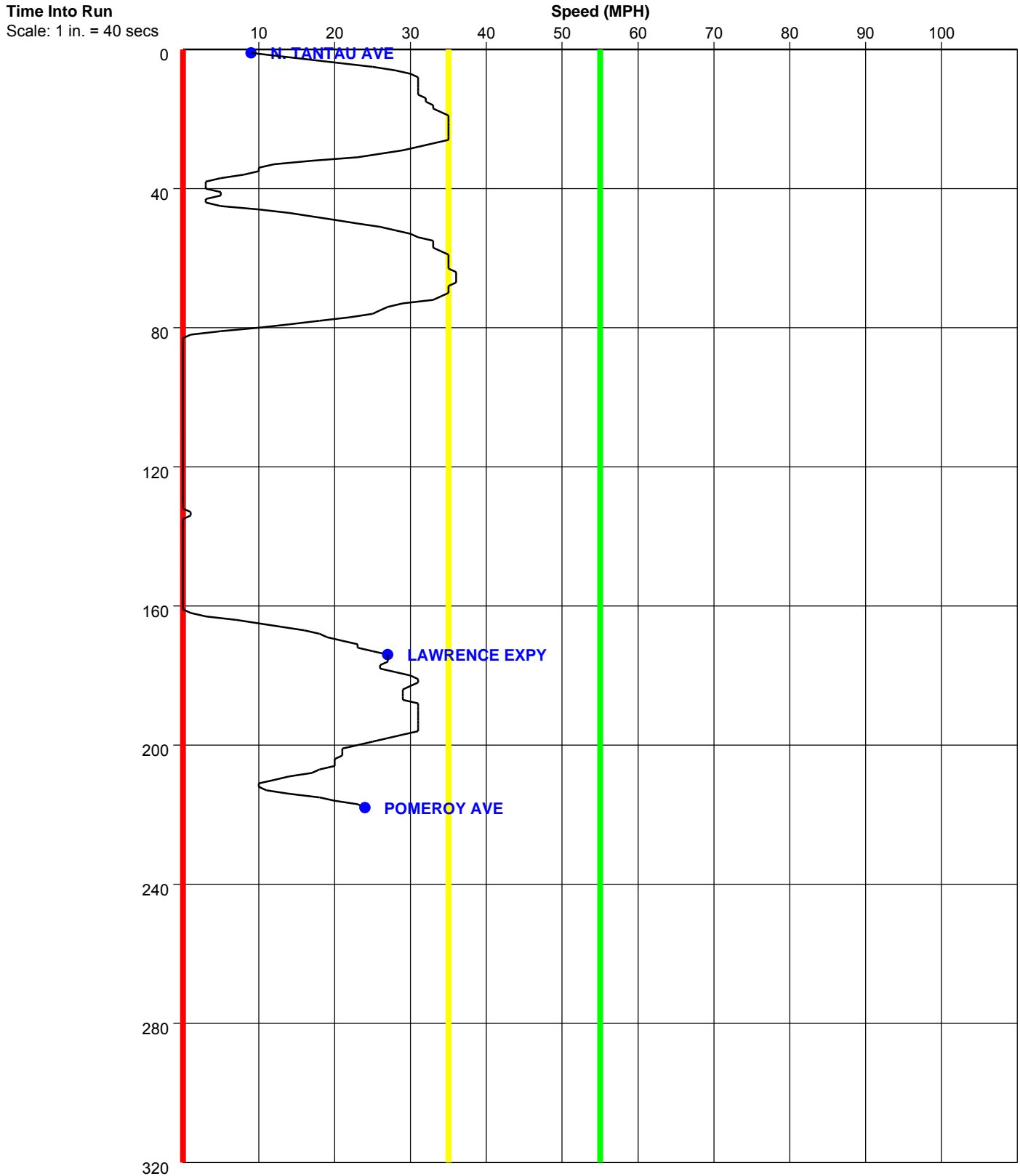


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 PM-EB-006 Start Time:17:33 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE WB PM***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
Study Summary .....	2
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Detailed Statistics By Run - Travel Times .....	4
Detailed Statistics By Run - Stops .....	5
Detailed Statistics By Run - Average Speed .....	6
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Speed Profile (Distance vs Spd) for 12-7272 PM-WB-001 .....	13
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Speed Profile (Distance vs Spd) for 12-7272 PM-WB-006 .....	18
Speed Profile (Time vs Spd) for 12-7272 PM-WB-001 .....	19
Speed Profile (Time vs Spd) for 12-7272 PM-WB-002 .....	20
Speed Profile (Time vs Spd) for 12-7272 PM-WB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 PM-WB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 PM-WB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 PM-WB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
 Study Date : 6/14/2012  
 Page No. : 2

### Study Summary

#### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 PM-WB-001	06/06/12	16:41	4953	Before	Primary
12-7272 PM-WB-002	06/06/12	16:51	4855	Before	Primary
12-7272 PM-WB-003	06/06/12	17:01	4974	Before	Primary
12-7272 PM-WB-004	06/06/12	17:10	4905	Before	Primary
12-7272 PM-WB-005	06/06/12	17:20	4988	Before	Primary
12-7272 PM-WB-006	06/06/12	17:29	4923	Before	Primary

#### Node Info

#	Len	Name
1	0	POMEROY AVE
2	1861	LAWRENCE EXPY
3	3034	N. TANTAU AVE

Length of Study Route = 4,895 feet

#### Notes:

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **3**

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	POMEROY AVE							
2	1861	LAWRENCE EXPY	92.7	1.0	13.7	60.7	41.3	82.7	92.7
3	3034	N. TANTAU AVE	85.3	2.0	24.2	33.3	5.8	65.8	85.2
<b>Total</b>	<b>4,895</b>		<b>178.0</b>	<b>3.0</b>	<b>18.8</b>	<b>94.0</b>	<b>47.2</b>	<b>148.5</b>	<b>177.8</b>

Stats based on 6 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.  
 Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 PM-WB-001  
 12-7272 PM-WB-002  
 12-7272 PM-WB-003  
 12-7272 PM-WB-004  
 12-7272 PM-WB-005  
 12-7272 PM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	153	90	68	89	72	84
3	3034	N. TANTAU AVE	80	67	83	104	107	71
<b>Totals</b>	<b>4895</b>		<b>233</b>	<b>157</b>	<b>151</b>	<b>193</b>	<b>179</b>	<b>155</b>

**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
Study Date : **6/14/2012**  
Page No. : **5**

**Detailed Statistics By Run**

**Number of Stops by Section**

*12-7272 PM-WB-001*  
*12-7272 PM-WB-002*  
*12-7272 PM-WB-003*  
*12-7272 PM-WB-004*  
*12-7272 PM-WB-005*  
*12-7272 PM-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	1	1	1	1	1	1
3	3034	N. TANTAU AVE	1	2	2	2	4	1
<b>Totals</b>	<b>4895</b>		<b>2</b>	<b>3</b>	<b>3</b>	<b>3</b>	<b>5</b>	<b>2</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 PM-WB-001  
 12-7272 PM-WB-002  
 12-7272 PM-WB-003  
 12-7272 PM-WB-004  
 12-7272 PM-WB-005  
 12-7272 PM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	8.3	14.2	18.9	14.5	17.7	15.2
3	3034	N. TANTAU AVE	26.0	30.8	24.8	19.8	19.4	29.1
<b>Totals</b>	<b>4895</b>		<b>14.4</b>	<b>21.2</b>	<b>22.1</b>	<b>17.3</b>	<b>18.7</b>	<b>21.5</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 PM-WB-001  
 12-7272 PM-WB-002  
 12-7272 PM-WB-003  
 12-7272 PM-WB-004  
 12-7272 PM-WB-005  
 12-7272 PM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	121	58	36	57	40	52
3	3034	N. TANTAU AVE	28	15	31	52	55	19
Totals	4895		149	73	67	109	95	71

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
 Study Date : 6/14/2012  
 Page No. : 8

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 PM-WB-001  
 12-7272 PM-WB-002  
 12-7272 PM-WB-003  
 12-7272 PM-WB-004  
 12-7272 PM-WB-005  
 12-7272 PM-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	102	43	17	41	14	31
3	3034	N. TANTAU AVE	0	0	0	32	3	0
<b>Totals</b>	<b>4895</b>		<b>102</b>	<b>43</b>	<b>17</b>	<b>73</b>	<b>17</b>	<b>31</b>

**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **9**

**Detailed Statistics By Run**

**Time Below 35 MPH by Section**

*12-7272 PM-WB-001*  
*12-7272 PM-WB-002*  
*12-7272 PM-WB-003*  
*12-7272 PM-WB-004*  
*12-7272 PM-WB-005*  
*12-7272 PM-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	151	64	48	77	72	84
3	3034	N. TANTAU AVE	62	33	80	67	107	46
<b>Totals</b>	<b>4895</b>		<b>213</b>	<b>97</b>	<b>128</b>	<b>144</b>	<b>179</b>	<b>130</b>



**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM**  
 Study Date : **6/14/2012**  
 Page No. : **10**

**Detailed Statistics By Run**

**Time Below 55 MPH by Section**

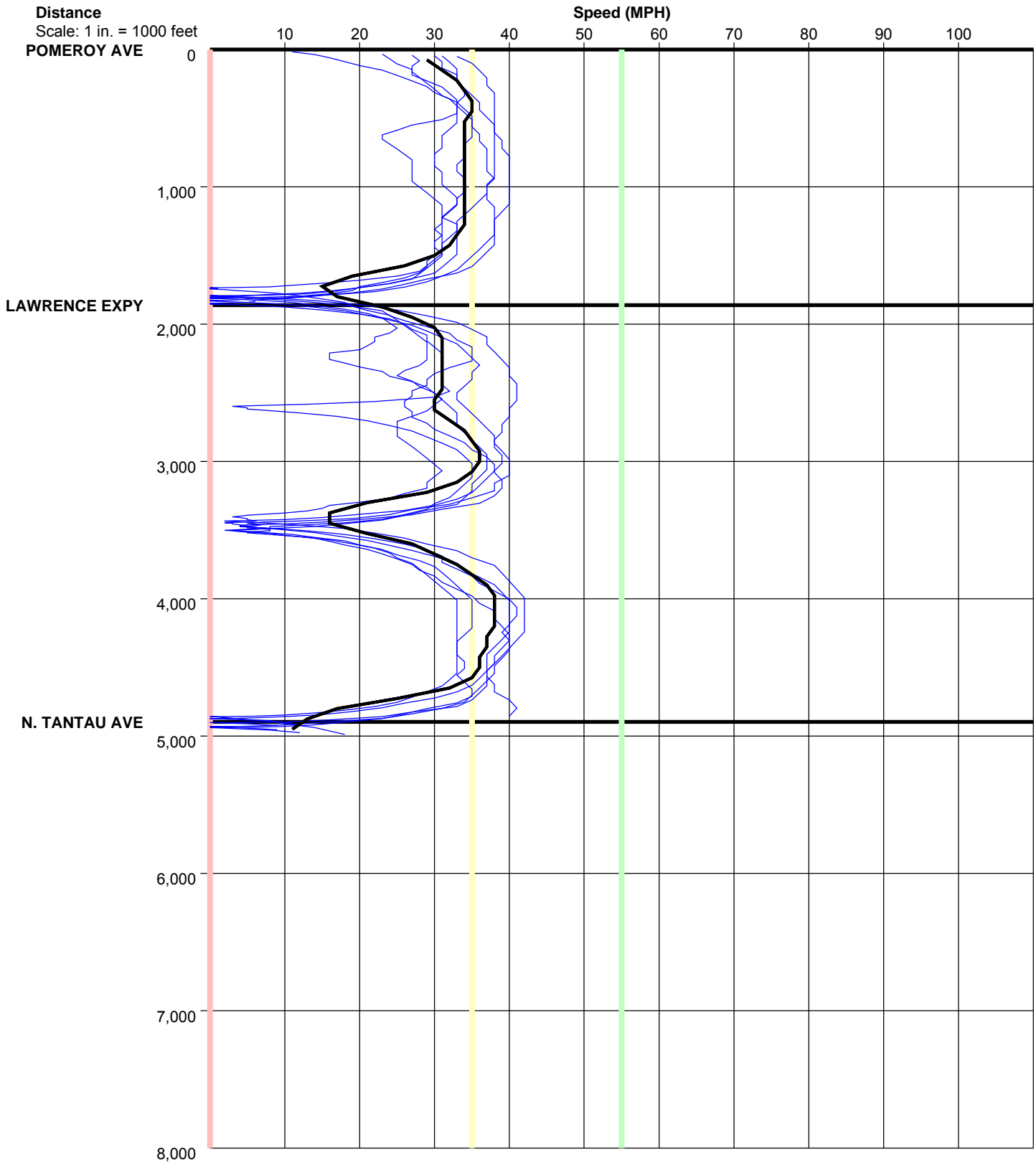
*12-7272 PM-WB-001*  
*12-7272 PM-WB-002*  
*12-7272 PM-WB-003*  
*12-7272 PM-WB-004*  
*12-7272 PM-WB-005*  
*12-7272 PM-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	153	90	68	89	72	84
3	3034	N. TANTAU AVE	80	66	83	104	107	71
<b>Totals</b>	<b>4895</b>		<b>233</b>	<b>156</b>	<b>151</b>	<b>193</b>	<b>179</b>	<b>155</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 11

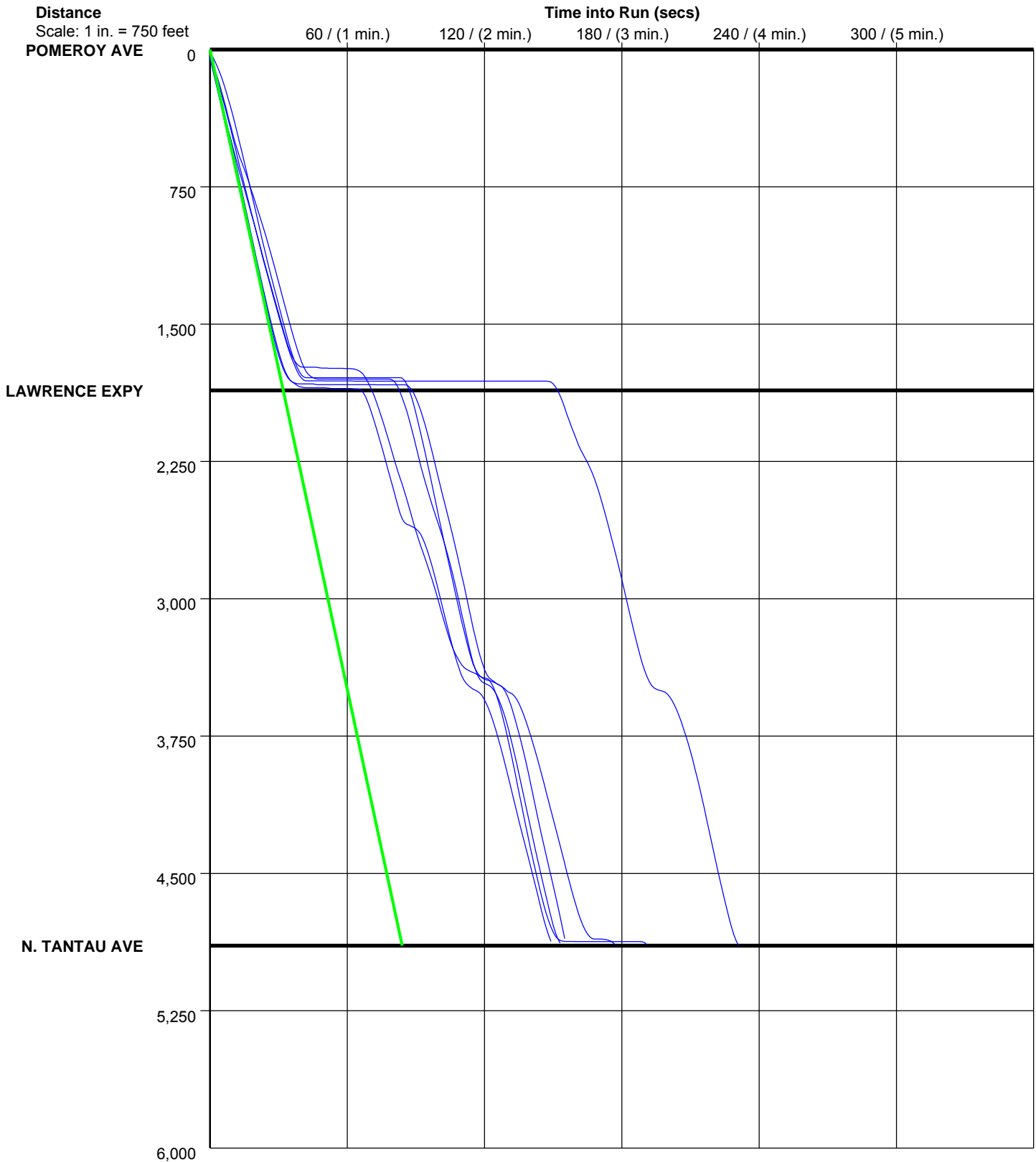
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



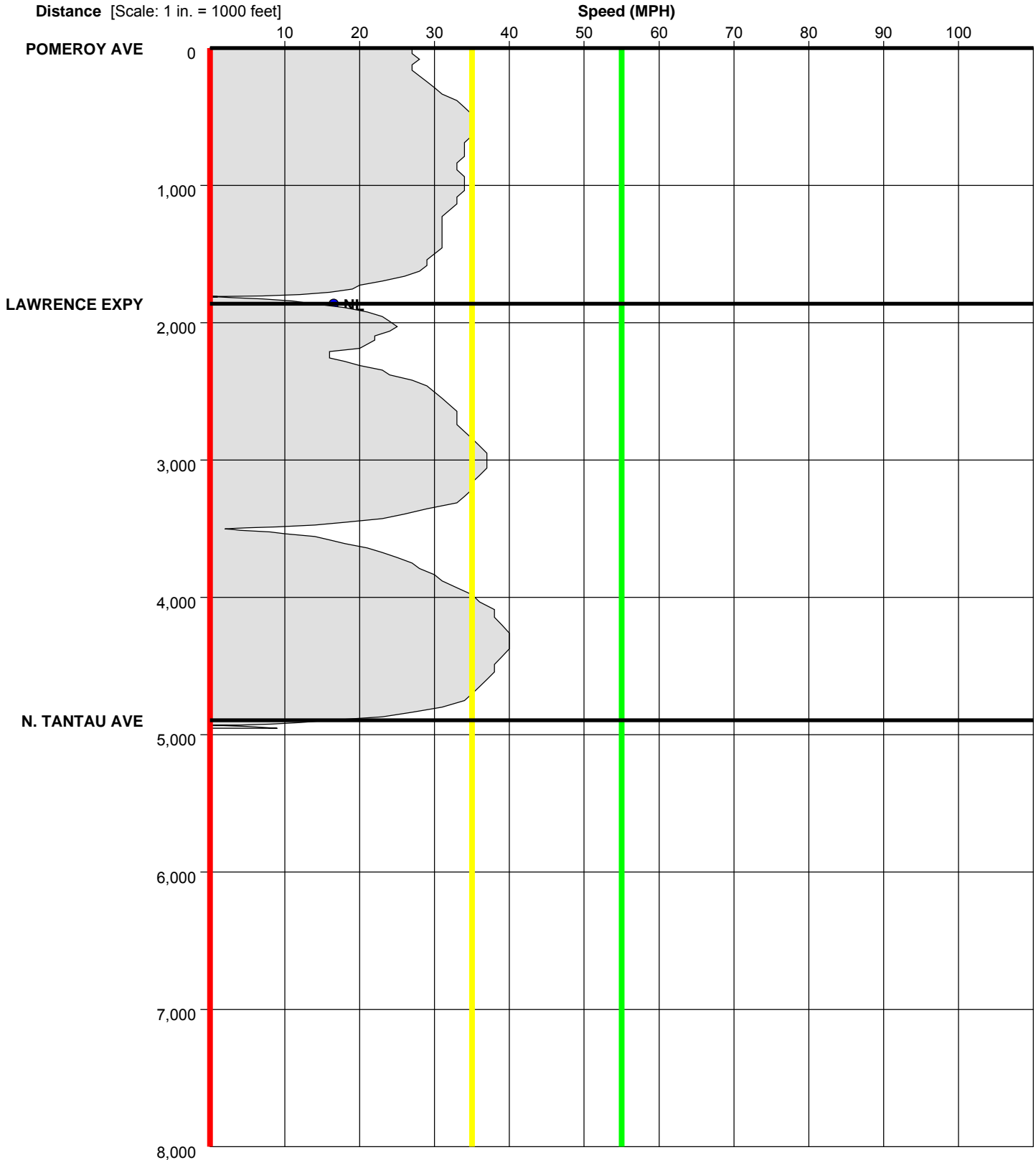
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 PM-WB-001 Start Time: 16:41 (This is a Before Run)

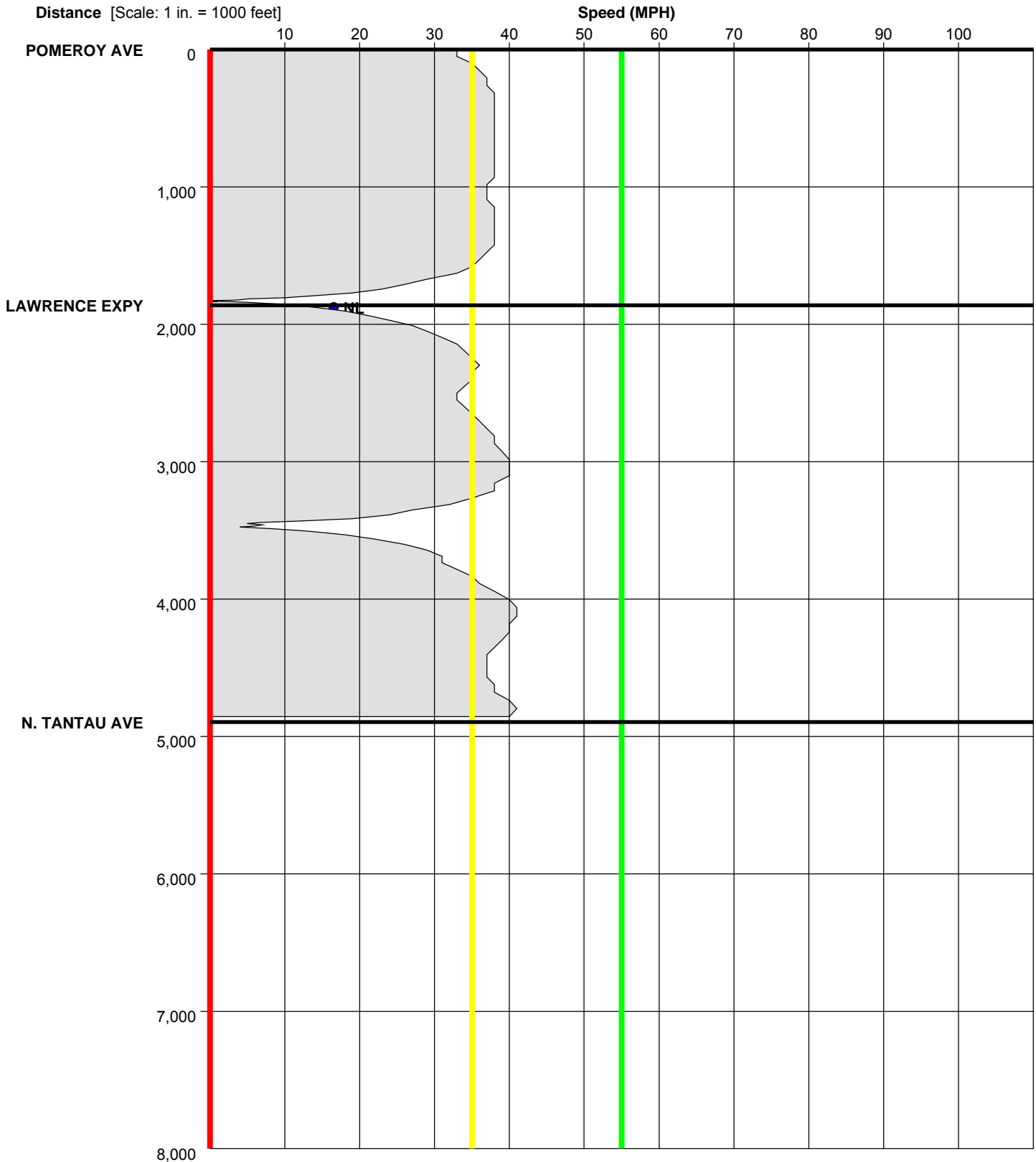


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 PM-WB-002 Start Time: 16:51 (This is a Before Run)

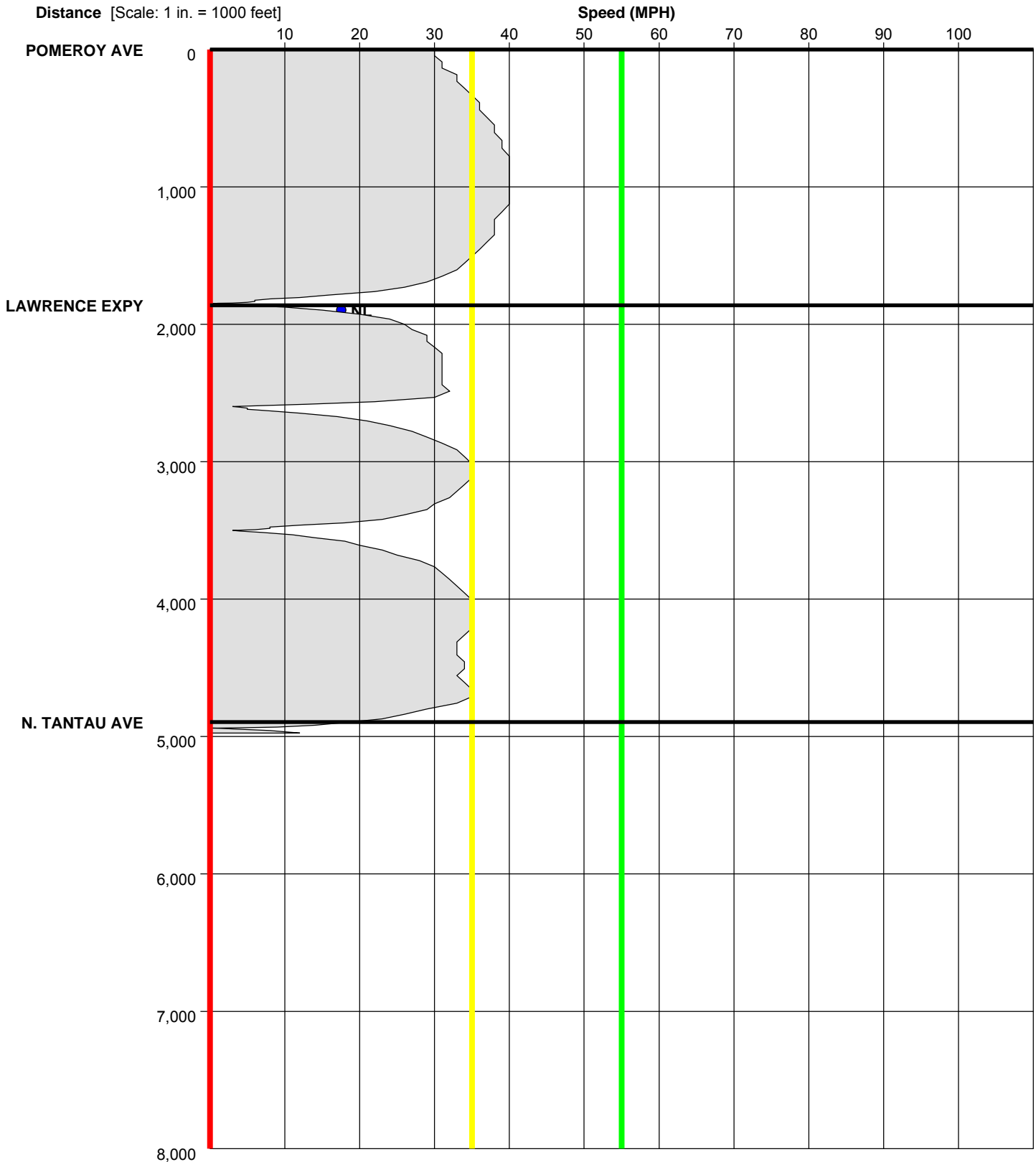


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 PM-WB-003 Start Time: 17:01 (This is a Before Run)

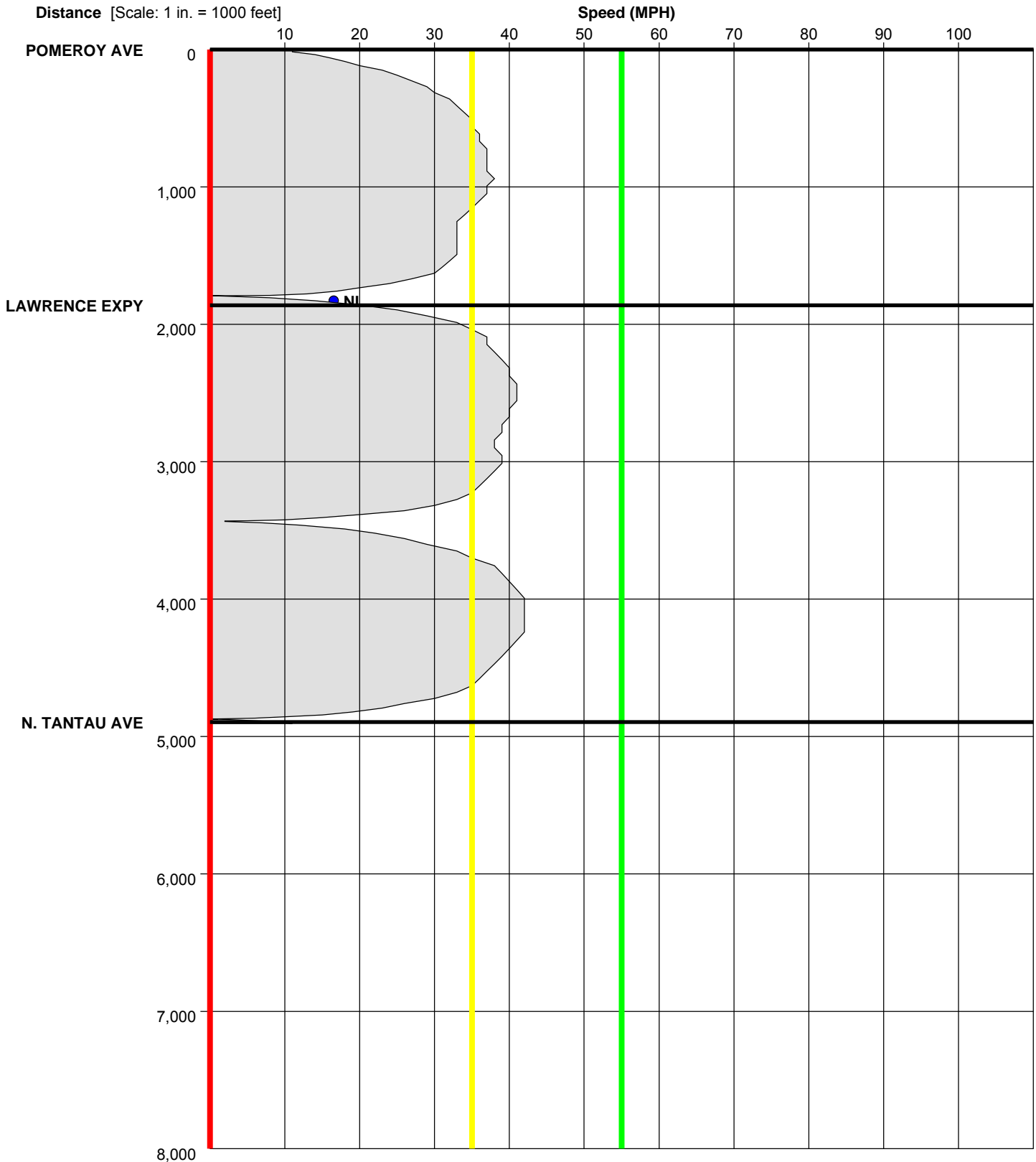


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 PM-WB-004 Start Time: 17:10 (This is a Before Run)

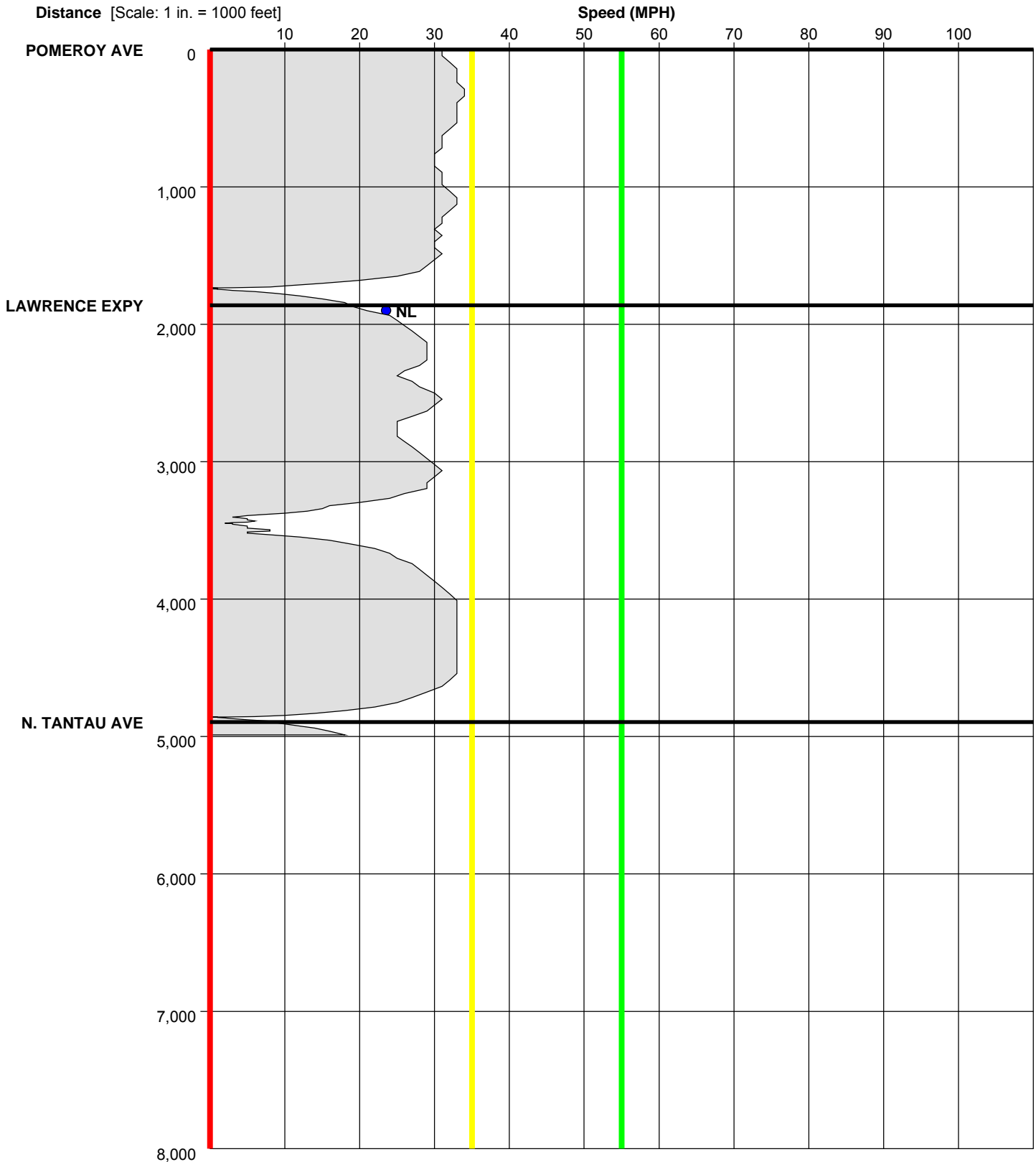


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 PM-WB-005 Start Time: 17:20 (This is a Before Run)



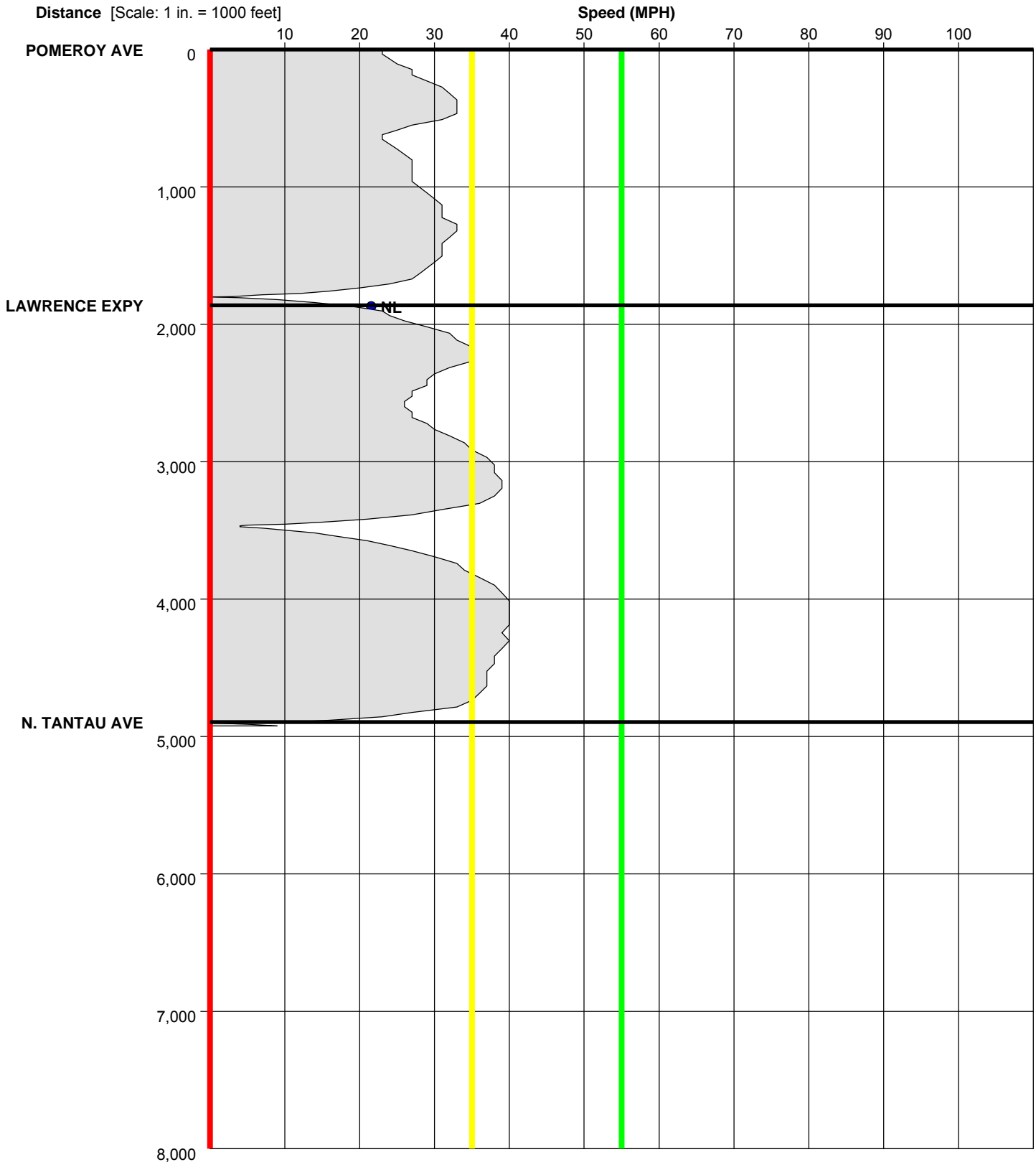


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 PM-WB-006 Start Time: 17:29 (This is a Before Run)



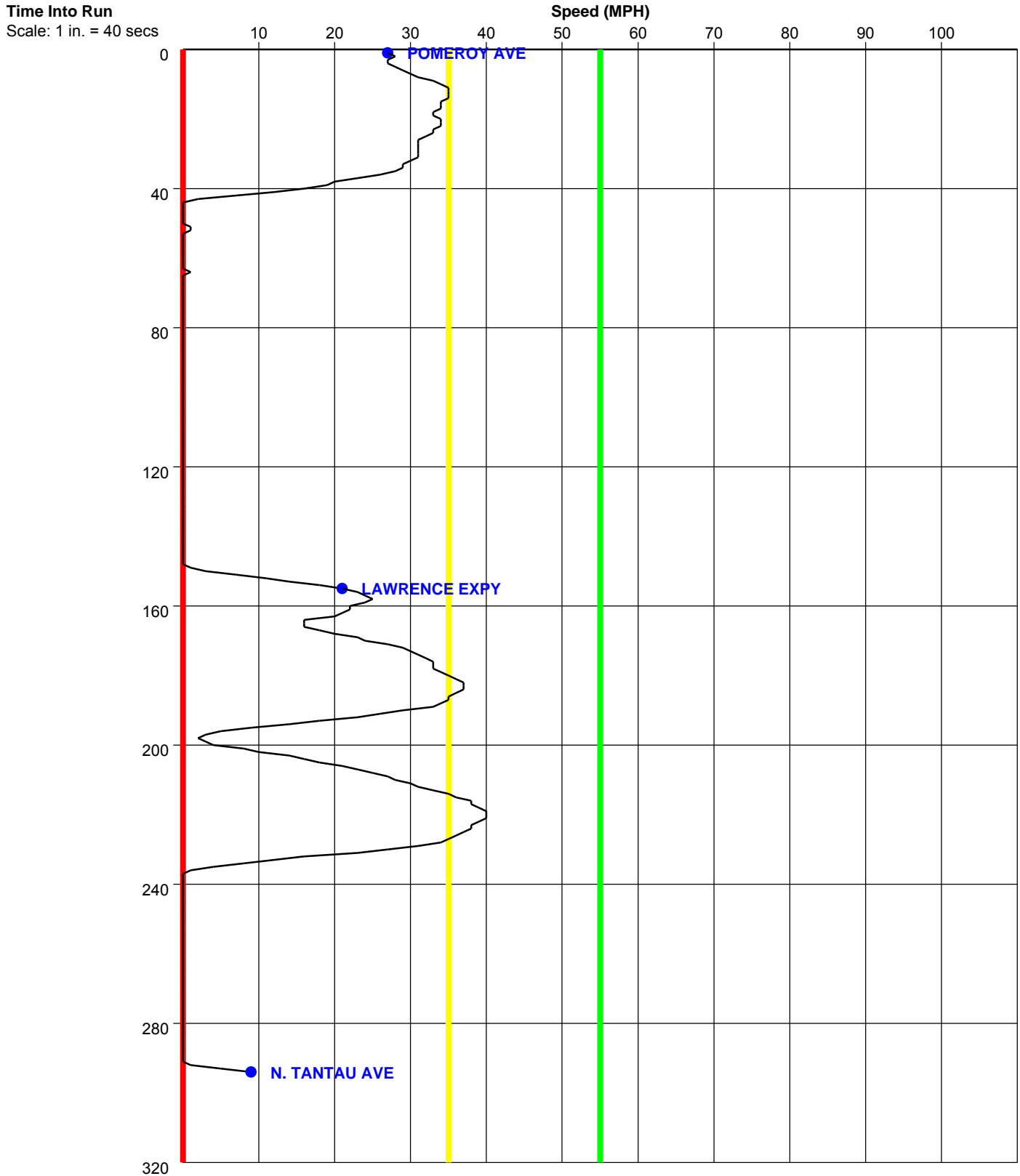
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 19

### Time-Based Speed Profile

Run : 12-7272 PM-WB-001 Start Time:16:41 (This is a Before Run)

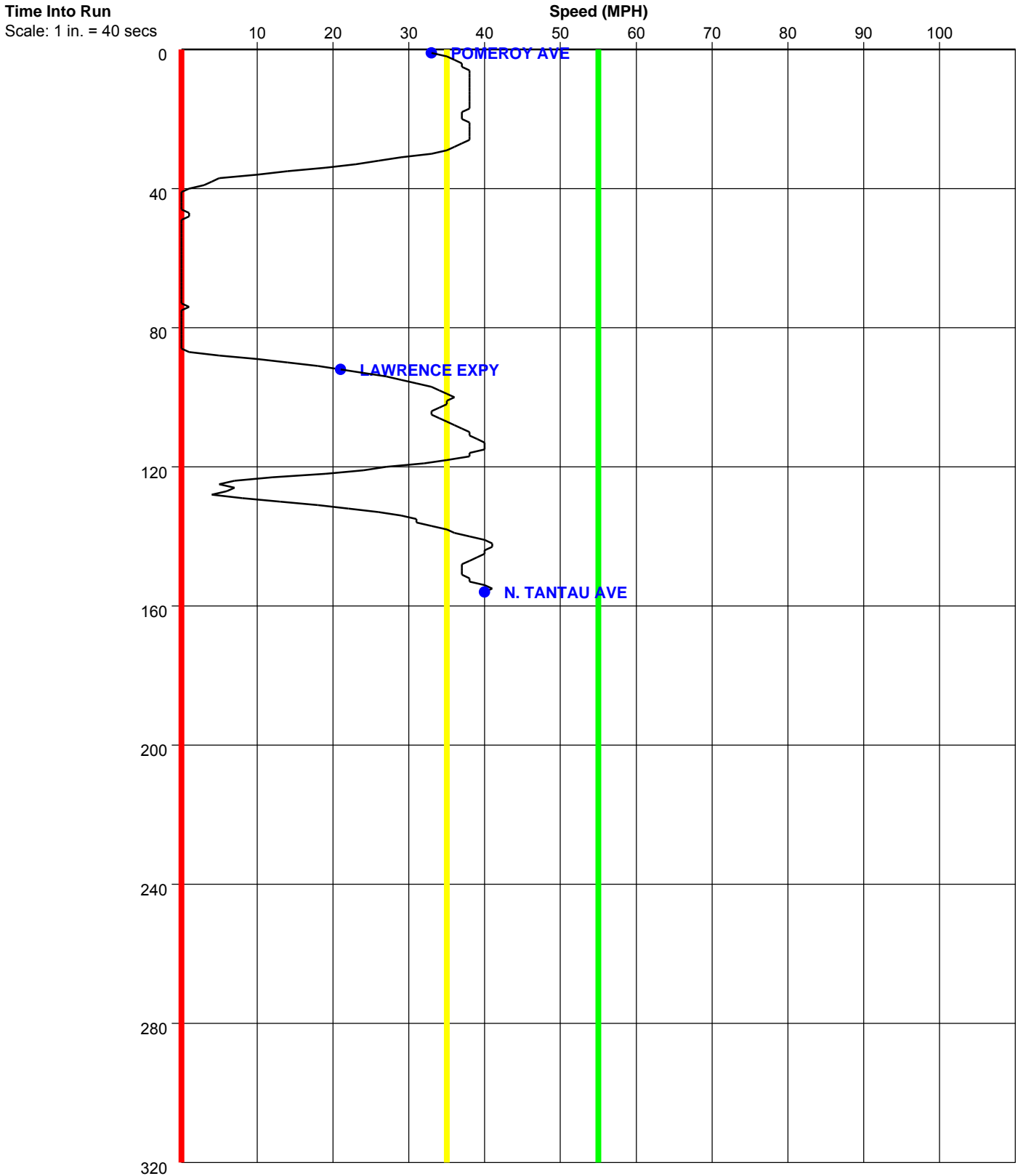


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 PM-WB-002 Start Time:16:51 (This is a Before Run)

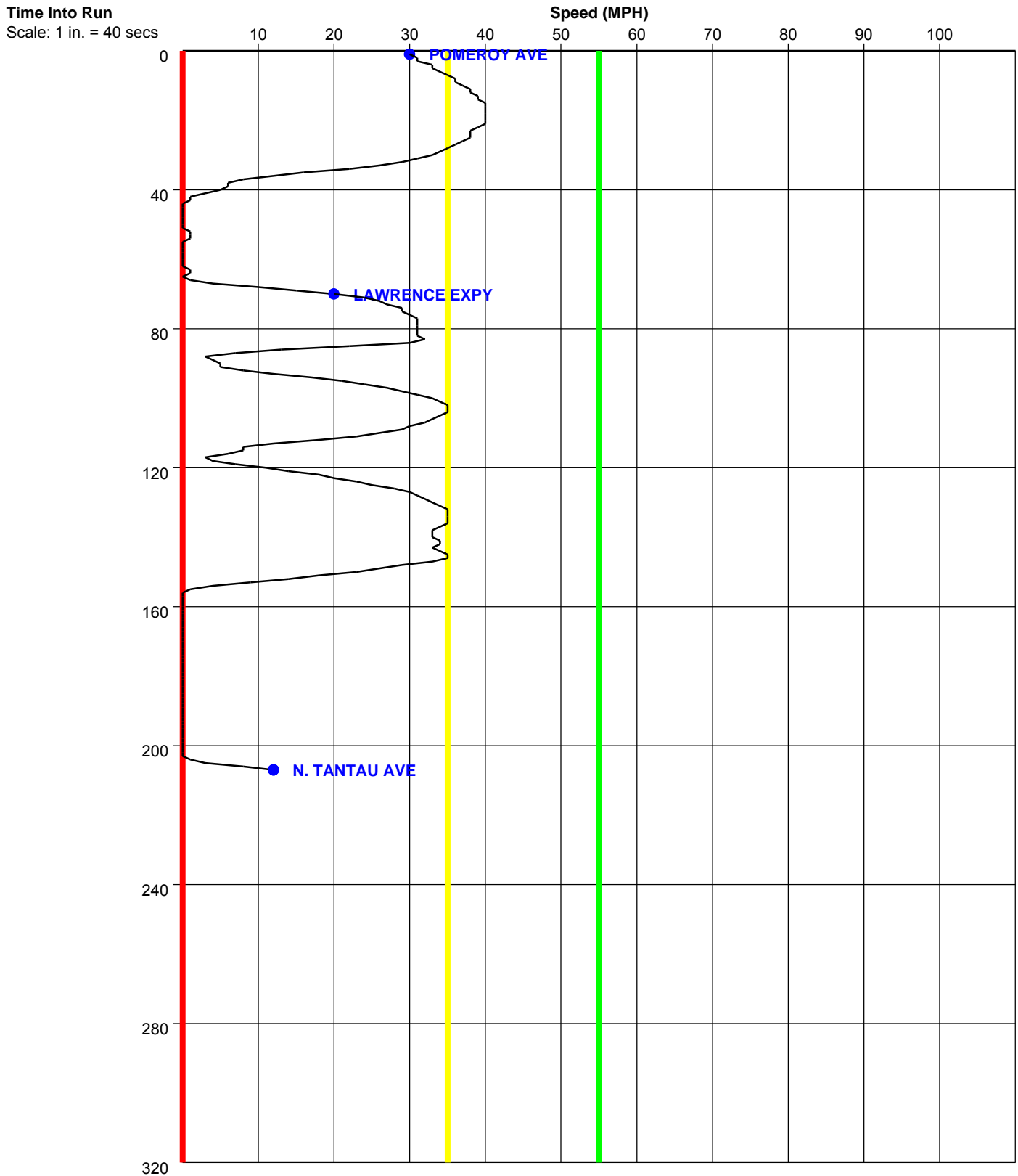


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 PM-WB-003 Start Time:17:01 (This is a Before Run)

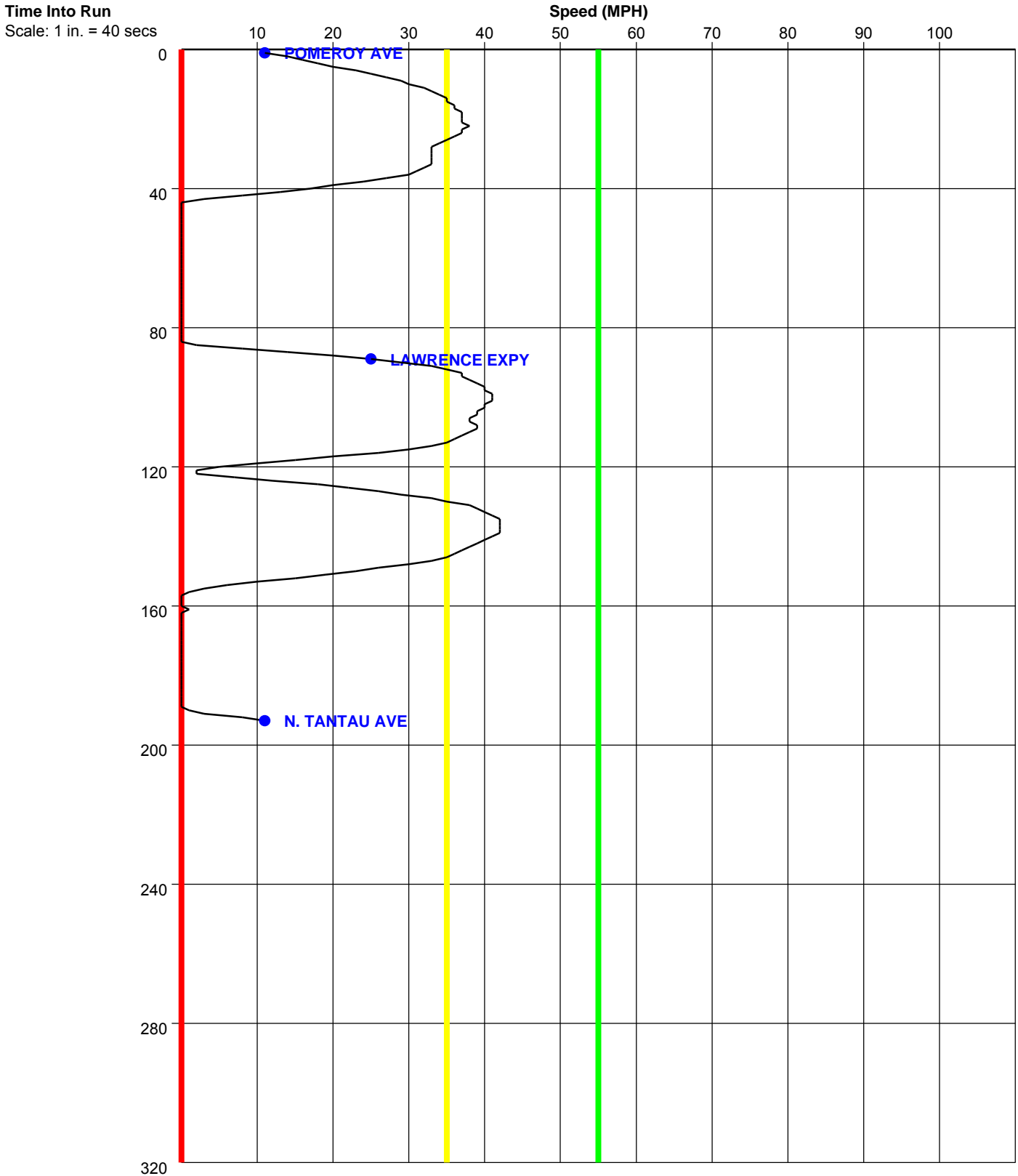


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 22

## Time-Based Speed Profile

Run : 12-7272 PM-WB-004 Start Time:17:10 (This is a Before Run)



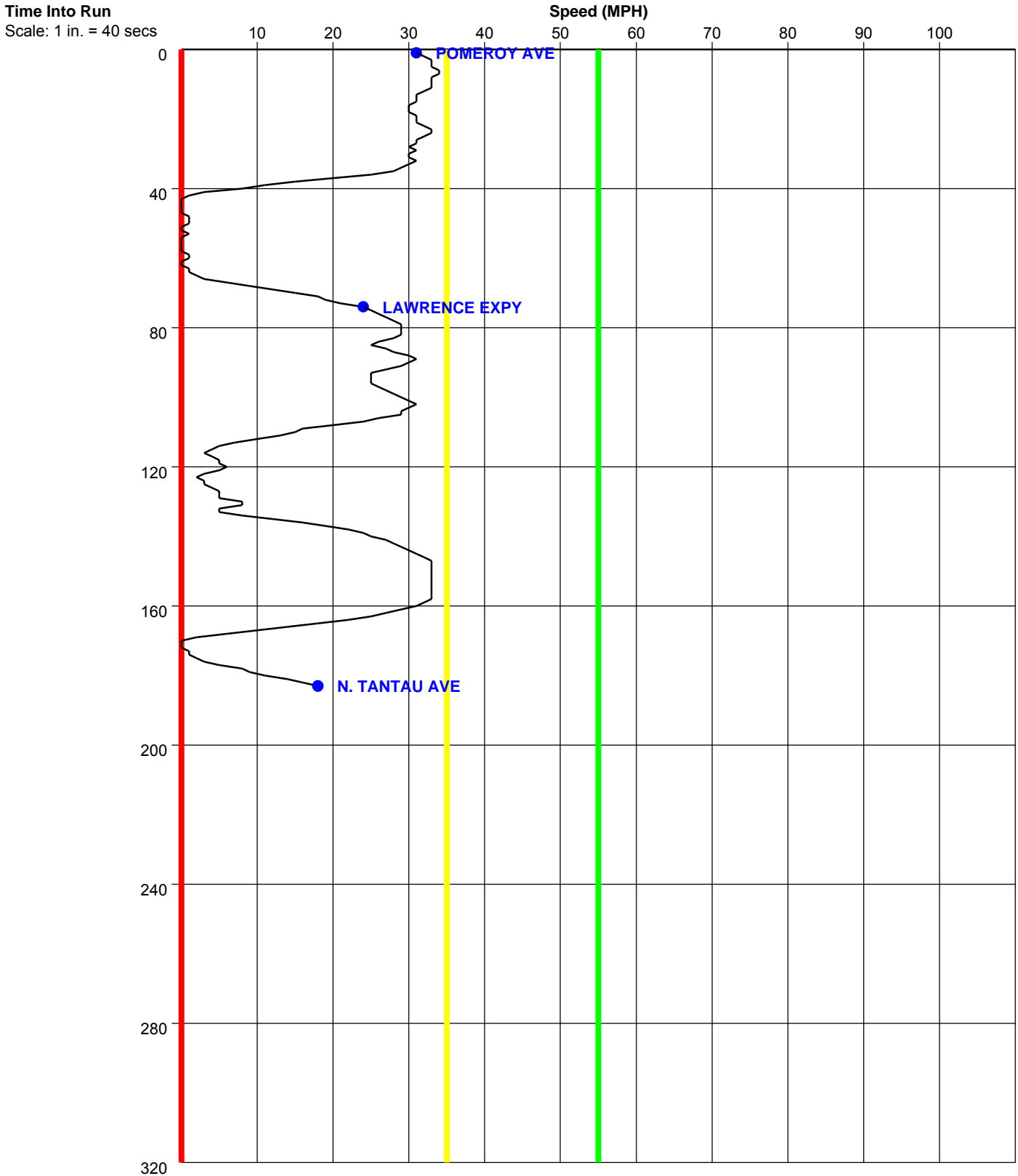
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 23

### Time-Based Speed Profile

Run : 12-7272 PM-WB-005 Start Time:17:20 (This is a Before Run)

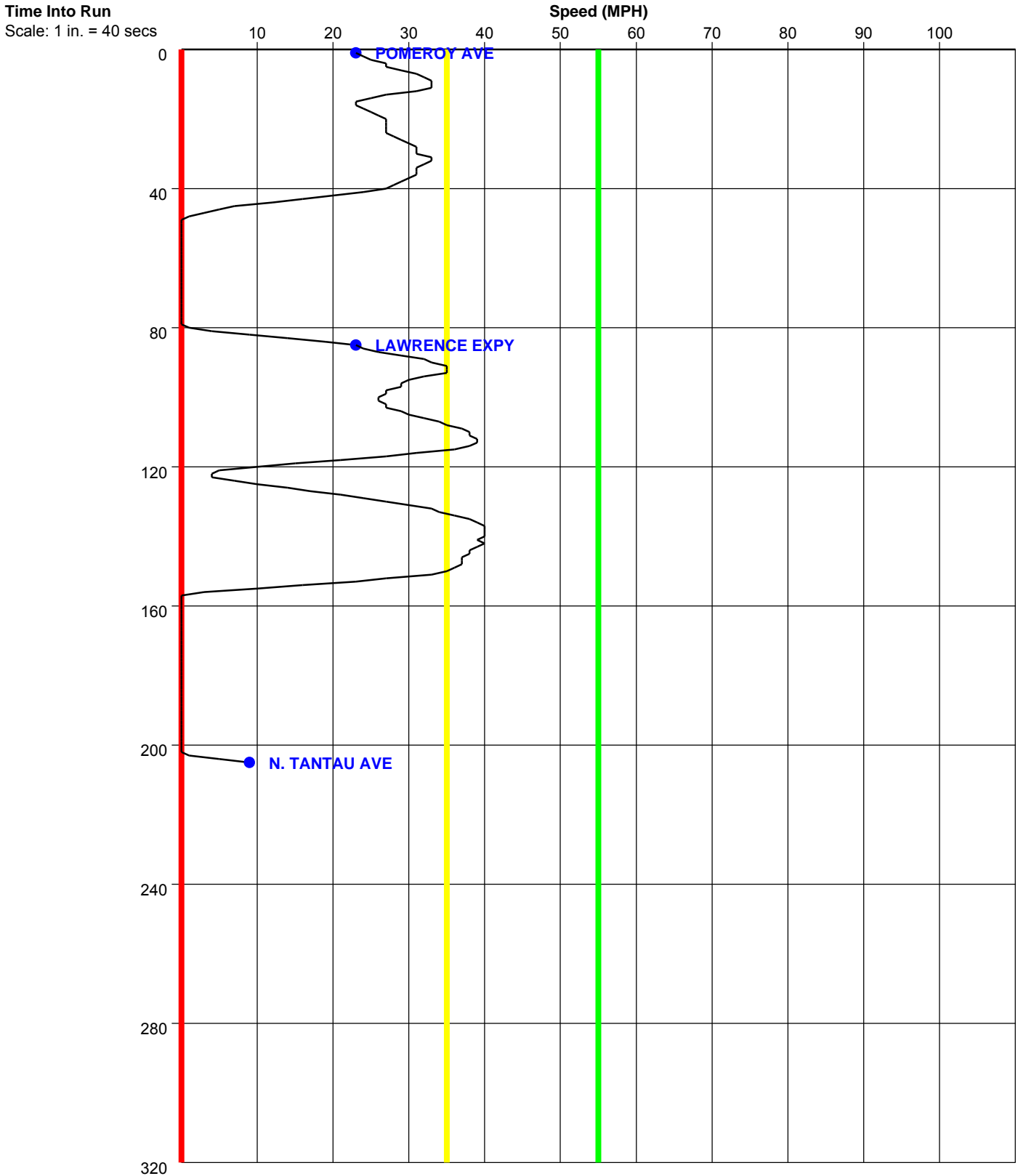


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 PM-WB-006 Start Time:17:29 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE EB AM SAT***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
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Speed Profile (Distance vs Spd) for 12-7272 AM SAT-EB-004 .....	16
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Speed Profile (Distance vs Spd) for 12-7272 AM SAT-EB-006 .....	18
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-001 .....	19
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-002 .....	20
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 AM SAT-EB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
 Study Date : 6/14/2012  
 Page No. : 2

### Study Summary

#### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 AM SAT-EB-001	06/09/12	07:19	4877	Before	Primary
12-7272 AM SAT-EB-002	06/09/12	07:25	4834	Before	Primary
12-7272 AM SAT-EB-003	06/09/12	07:31	4912	Before	Primary
12-7272 AM SAT-EB-004	06/09/12	07:37	4854	Before	Primary
12-7272 AM SAT-EB-005	06/09/12	07:44	4807	Before	Primary
12-7272 AM SAT-EB-006	06/09/12	07:54	4771	Before	Primary

#### Node Info

#	Len	Name
1	0	N. TANTAU AVE
2	3225	LAWRENCE EXPY
3	1697	POMEROY AVE

Length of Study Route = 4,922 feet

#### Notes:

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
 Study Date : 6/14/2012  
 Page No. : 3

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	N. TANTAU AVE							
2	3225	LAWRENCE EXPY	120.0	1.7	18.3	64.8	37.2	92.8	120.0
3	1697	POMEROY AVE	32.2	0.0	36.0	3.8	0.0	15.3	31.2
<b>Total</b>	<b>4,922</b>		<b>152.2</b>	<b>1.7</b>	<b>22.1</b>	<b>68.7</b>	<b>37.2</b>	<b>108.2</b>	<b>151.2</b>

Stats based on 6 BEFORE runs.  
 Stops based on a Stop Speed of 5 MPH.  
 Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 AM SAT-EB-001  
 12-7272 AM SAT-EB-002  
 12-7272 AM SAT-EB-003  
 12-7272 AM SAT-EB-004  
 12-7272 AM SAT-EB-005  
 12-7272 AM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	96	126	116	102	135	145
3	1697	POMEROY AVE	33	30	33	30	33	34
<b>Totals</b>	<b>4922</b>		<b>129</b>	<b>156</b>	<b>149</b>	<b>132</b>	<b>168</b>	<b>179</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 AM SAT-EB-001  
 12-7272 AM SAT-EB-002  
 12-7272 AM SAT-EB-003  
 12-7272 AM SAT-EB-004  
 12-7272 AM SAT-EB-005  
 12-7272 AM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	2	1	2	1	2	2
3	1697	POMEROY AVE	0	0	0	0	0	0
<b>Totals</b>	<b>4922</b>		<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
 Study Date : 6/14/2012  
 Page No. : 6

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 AM SAT-EB-001  
 12-7272 AM SAT-EB-002  
 12-7272 AM SAT-EB-003  
 12-7272 AM SAT-EB-004  
 12-7272 AM SAT-EB-005  
 12-7272 AM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	23.1	17.6	19.1	21.8	16.4	15.2
3	1697	POMEROY AVE	34.8	37.0	35.5	37.8	33.3	31.8
<b>Totals</b>	<b>4922</b>		<b>26.0</b>	<b>21.2</b>	<b>22.6</b>	<b>25.3</b>	<b>19.6</b>	<b>18.3</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 AM SAT-EB-001  
 12-7272 AM SAT-EB-002  
 12-7272 AM SAT-EB-003  
 12-7272 AM SAT-EB-004  
 12-7272 AM SAT-EB-005  
 12-7272 AM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	41	70	61	47	80	90
3	1697	POMEROY AVE	4	2	3	2	5	7
Totals	4922		45	72	64	49	85	97

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 AM SAT-EB-001  
 12-7272 AM SAT-EB-002  
 12-7272 AM SAT-EB-003  
 12-7272 AM SAT-EB-004  
 12-7272 AM SAT-EB-005  
 12-7272 AM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	11	43	37	28	40	64
3	1697	POMEROY AVE	0	0	0	0	0	0
Totals	4922		11	43	37	28	40	64

**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
Study Date : **6/14/2012**  
Page No. : **9**

**Detailed Statistics By Run**

**Time Below 35 MPH by Section**

*12-7272 AM SAT-EB-001*  
*12-7272 AM SAT-EB-002*  
*12-7272 AM SAT-EB-003*  
*12-7272 AM SAT-EB-004*  
*12-7272 AM SAT-EB-005*  
*12-7272 AM SAT-EB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	74	101	86	62	119	115
3	1697	POMEROY AVE	16	5	11	7	26	27
<b>Totals</b>	<b>4922</b>		<b>90</b>	<b>106</b>	<b>97</b>	<b>69</b>	<b>145</b>	<b>142</b>



**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB AM SAT**  
Study Date : **6/14/2012**  
Page No. : **10**

**Detailed Statistics By Run**

**Time Below 55 MPH by Section**

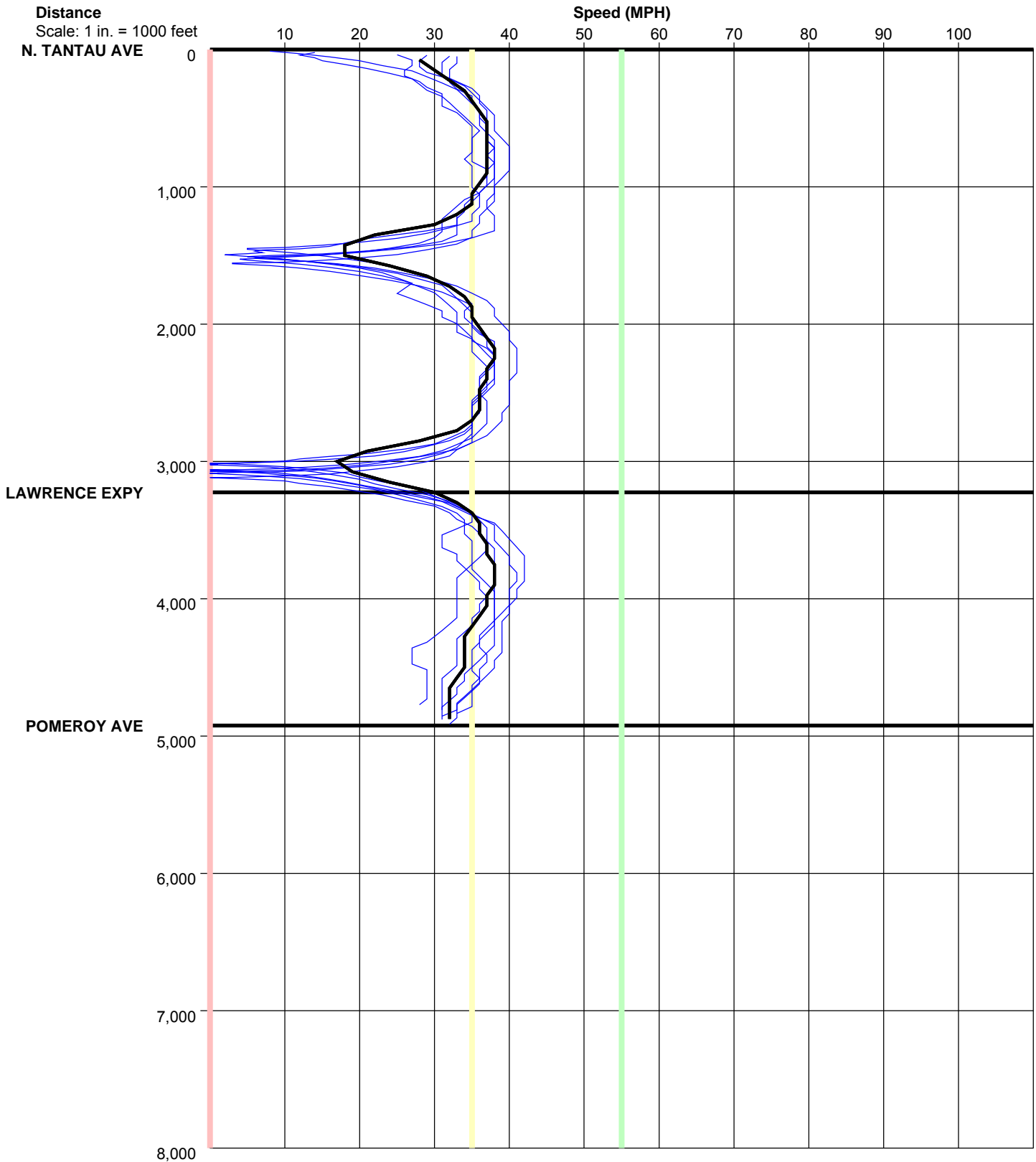
*12-7272 AM SAT-EB-001*  
*12-7272 AM SAT-EB-002*  
*12-7272 AM SAT-EB-003*  
*12-7272 AM SAT-EB-004*  
*12-7272 AM SAT-EB-005*  
*12-7272 AM SAT-EB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	96	126	116	102	135	145
3	1697	POMEROY AVE	32	29	32	29	32	33
<b>Totals</b>	<b>4922</b>		<b>128</b>	<b>155</b>	<b>148</b>	<b>131</b>	<b>167</b>	<b>178</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
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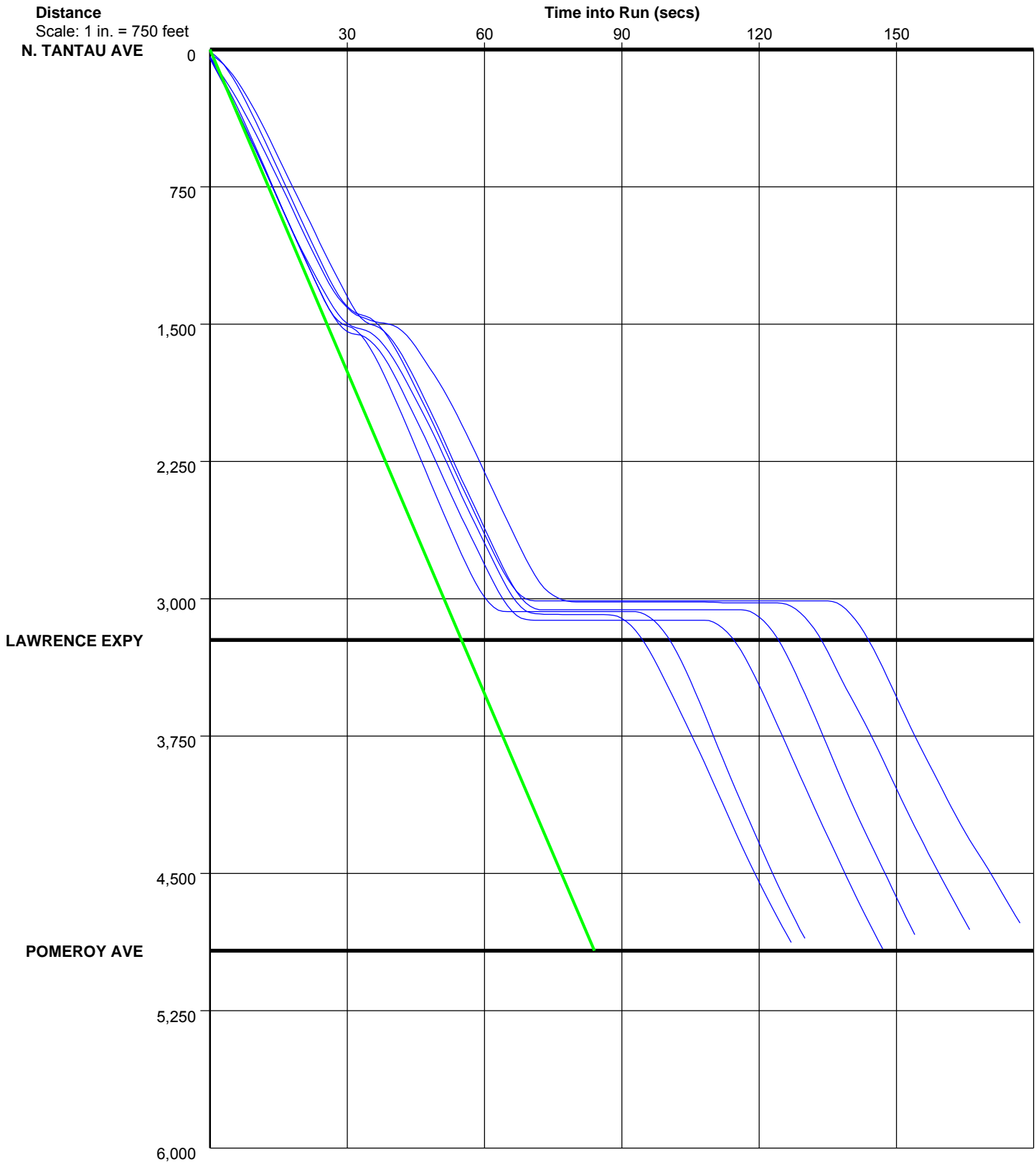
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



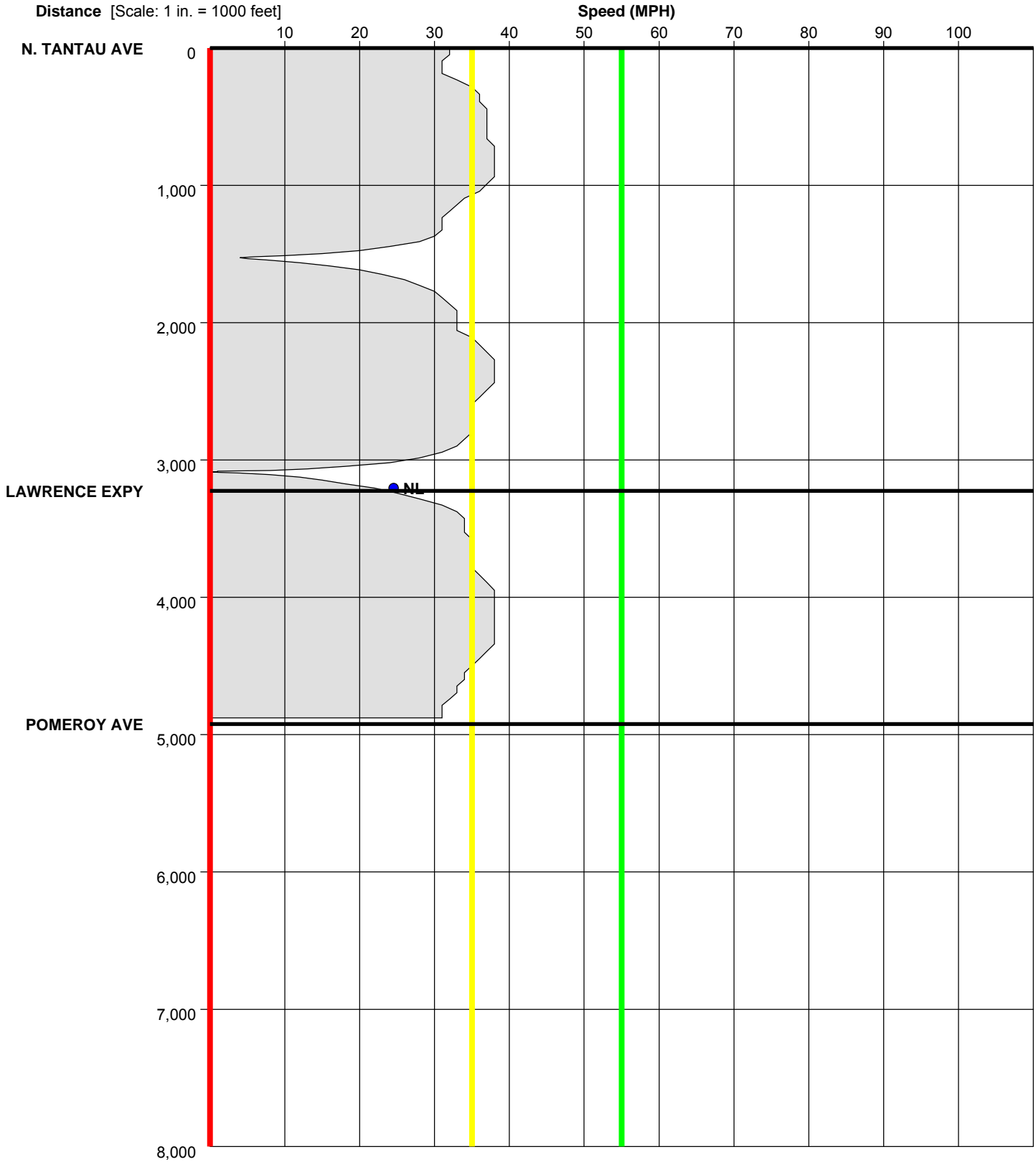
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 AM SAT-EB-001 Start Time: 07:19 (This is a Before Run)

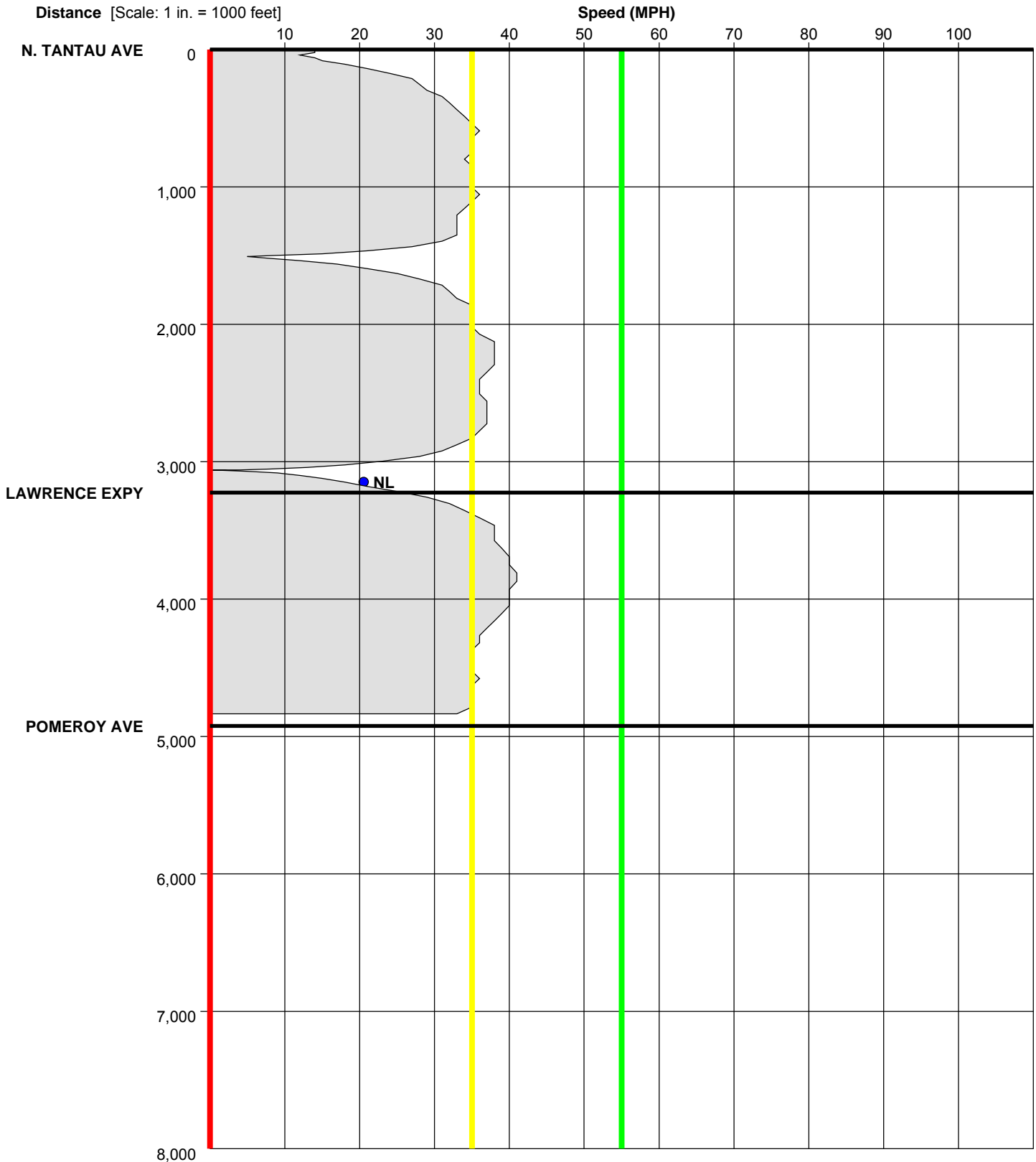


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 AM SAT-EB-002 Start Time: 07:25 (This is a Before Run)

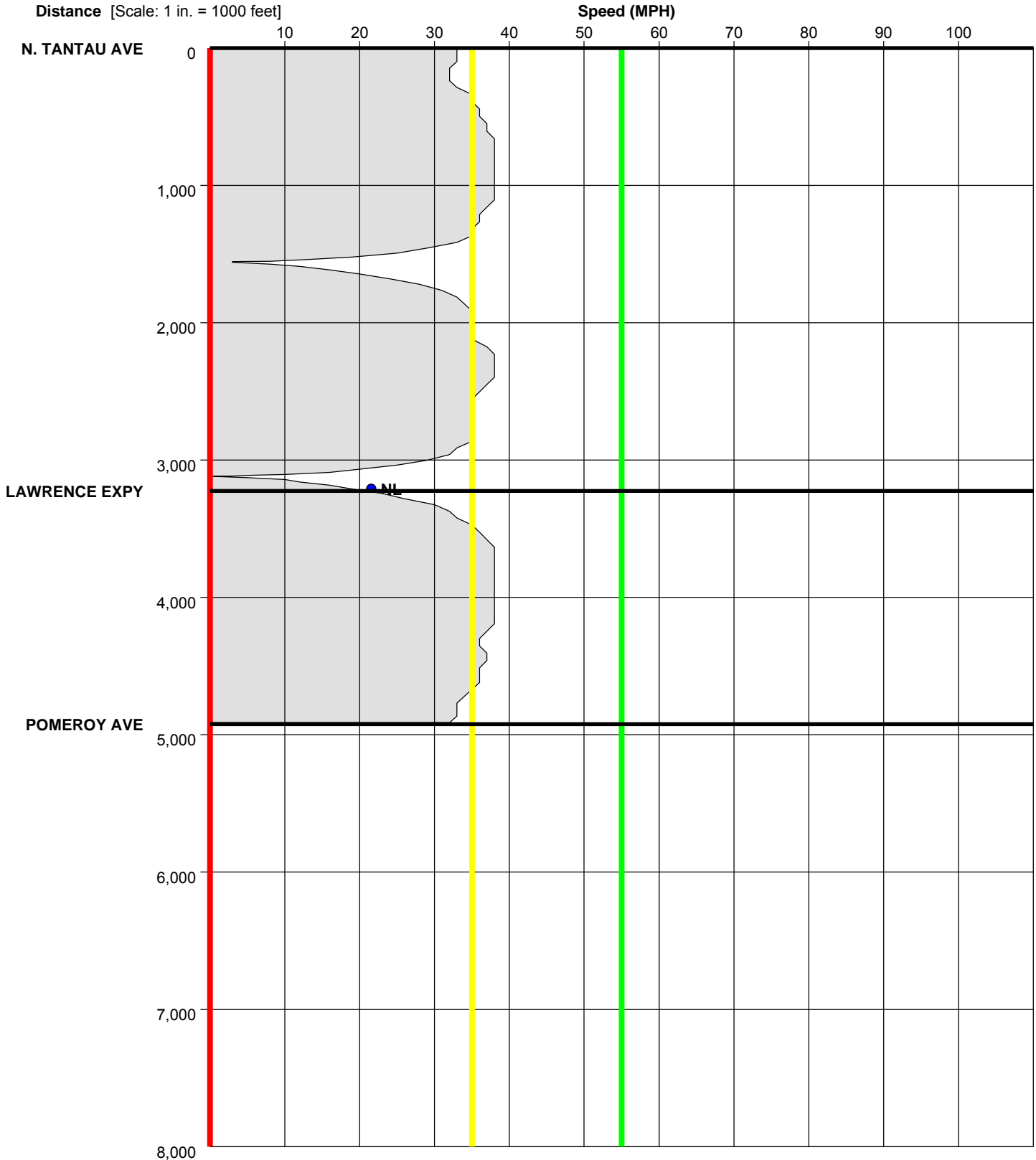


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 AM SAT-EB-003 Start Time: 07:31 (This is a Before Run)

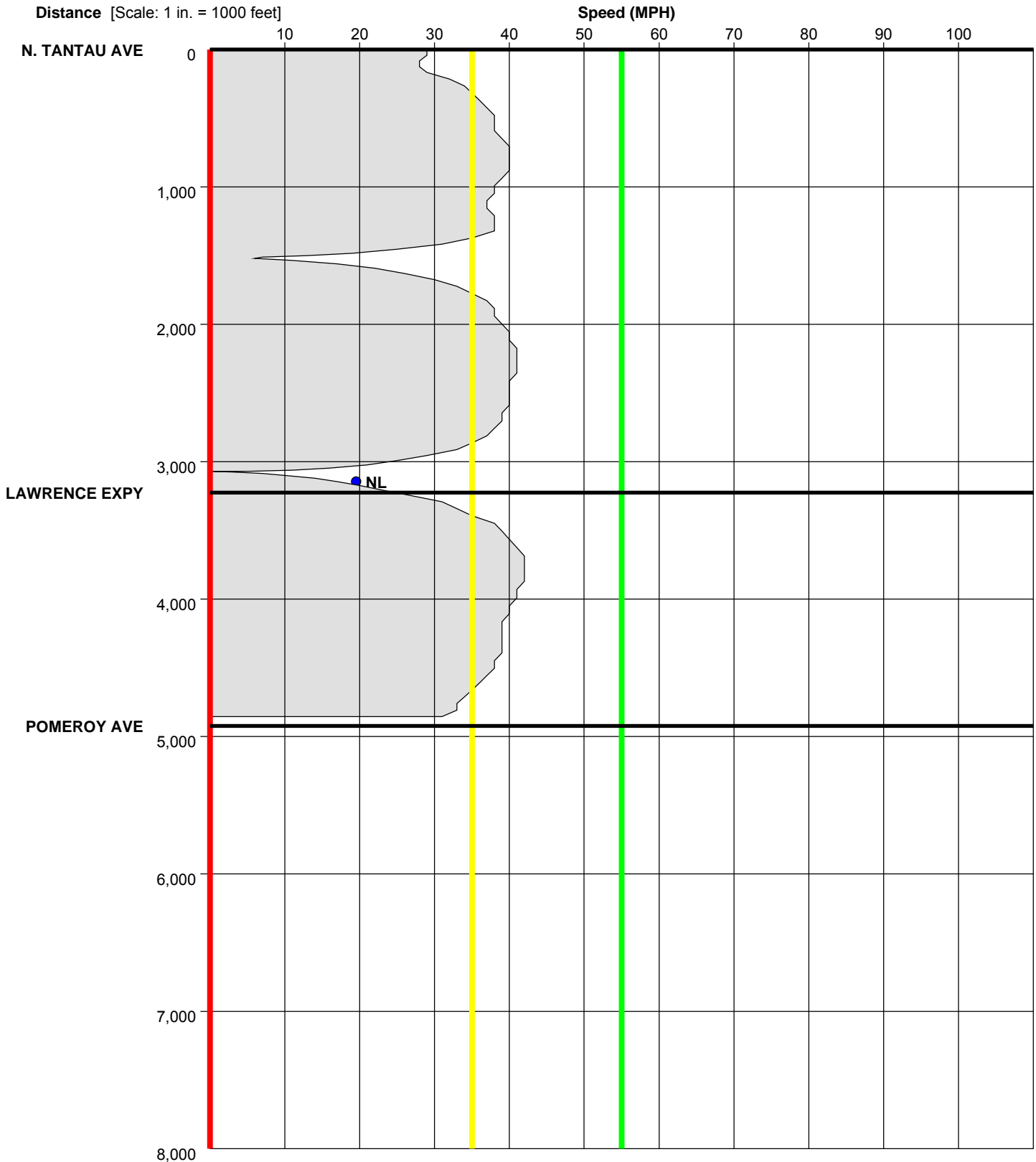


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 AM SAT-EB-004 Start Time: 07:37 (This is a Before Run)

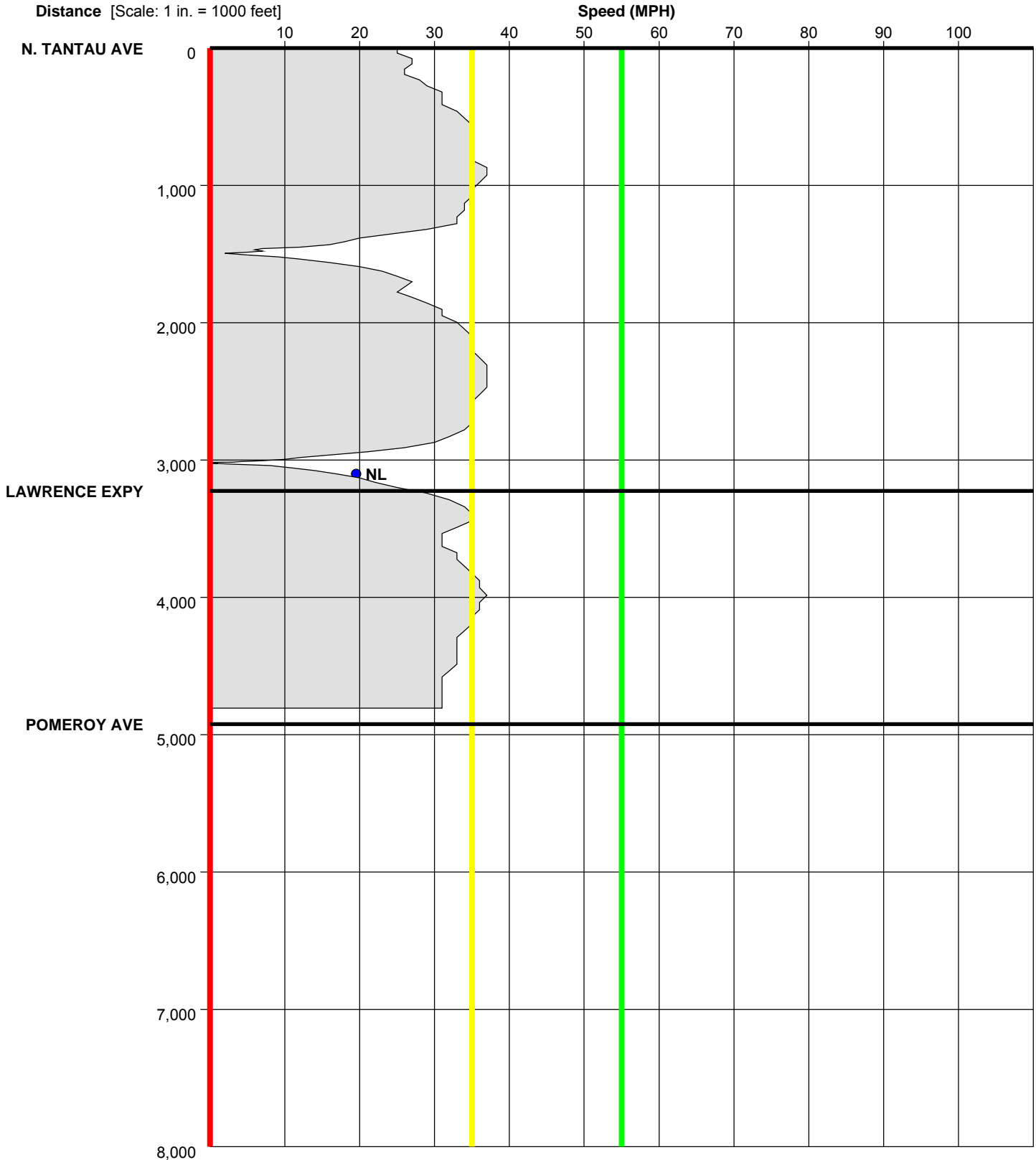


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 AM SAT-EB-005 Start Time: 07:44 (This is a Before Run)



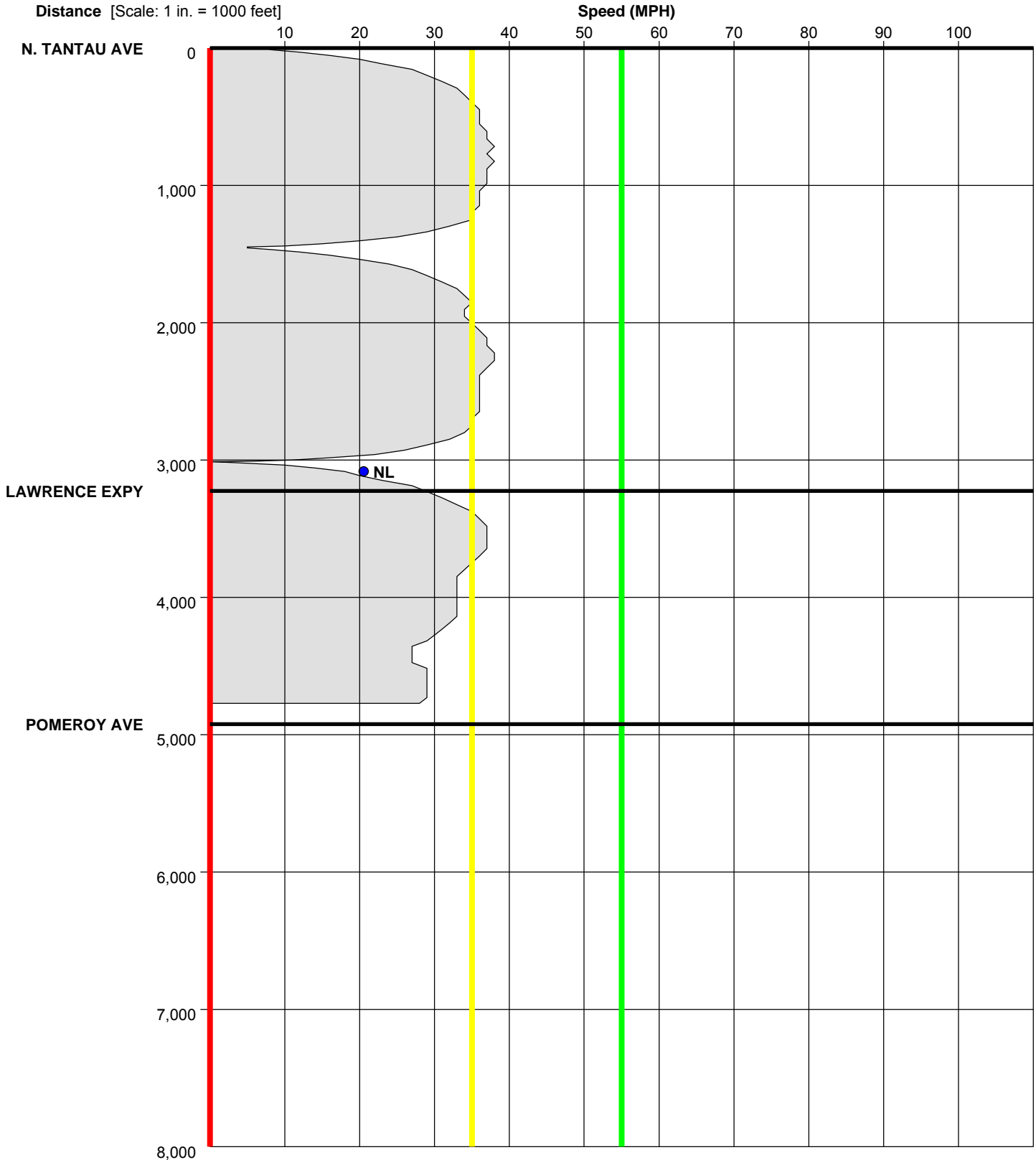


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 AM SAT-EB-006 Start Time: 07:54 (This is a Before Run)

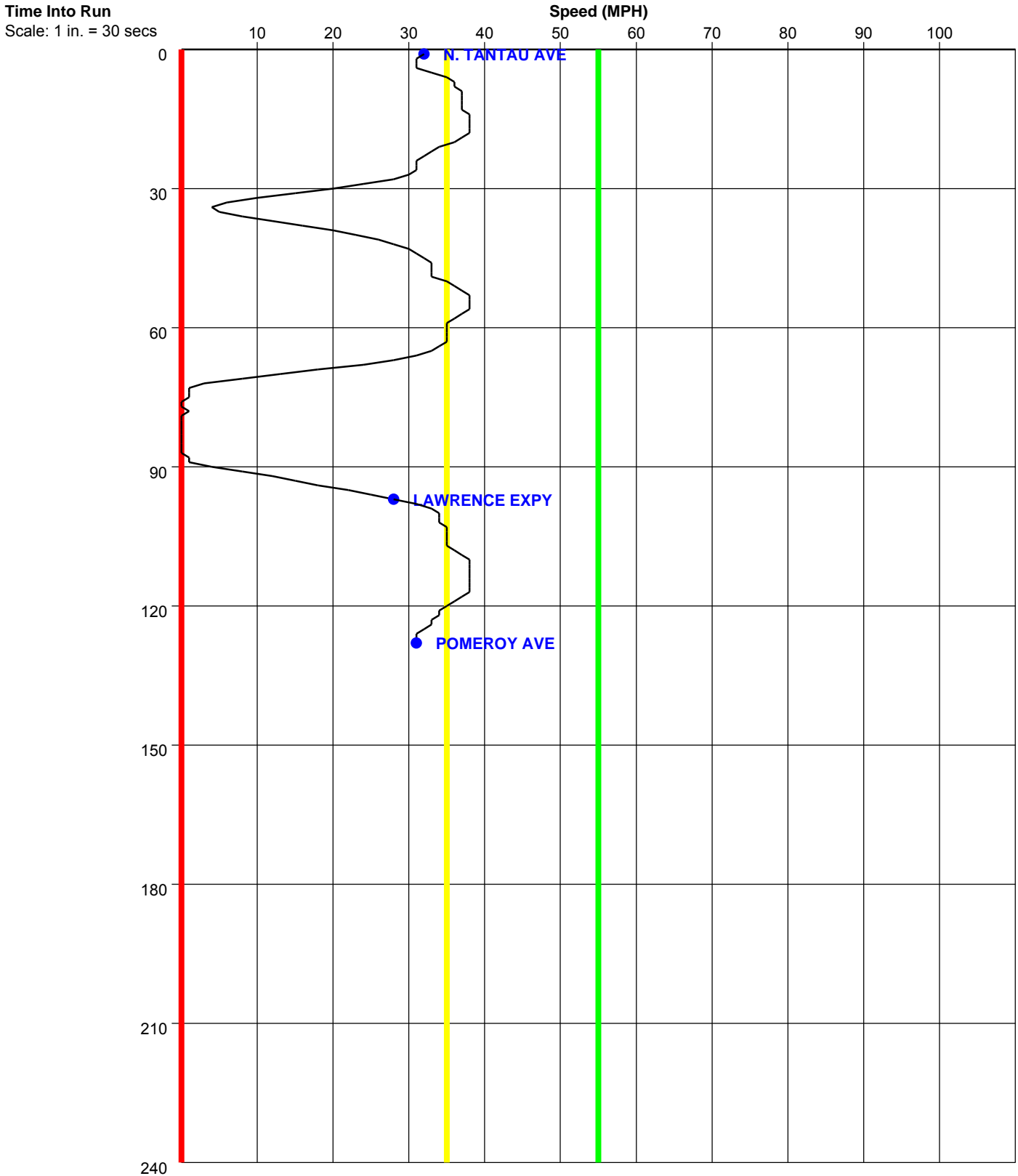


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-001 Start Time:07:19 (This is a Before Run)



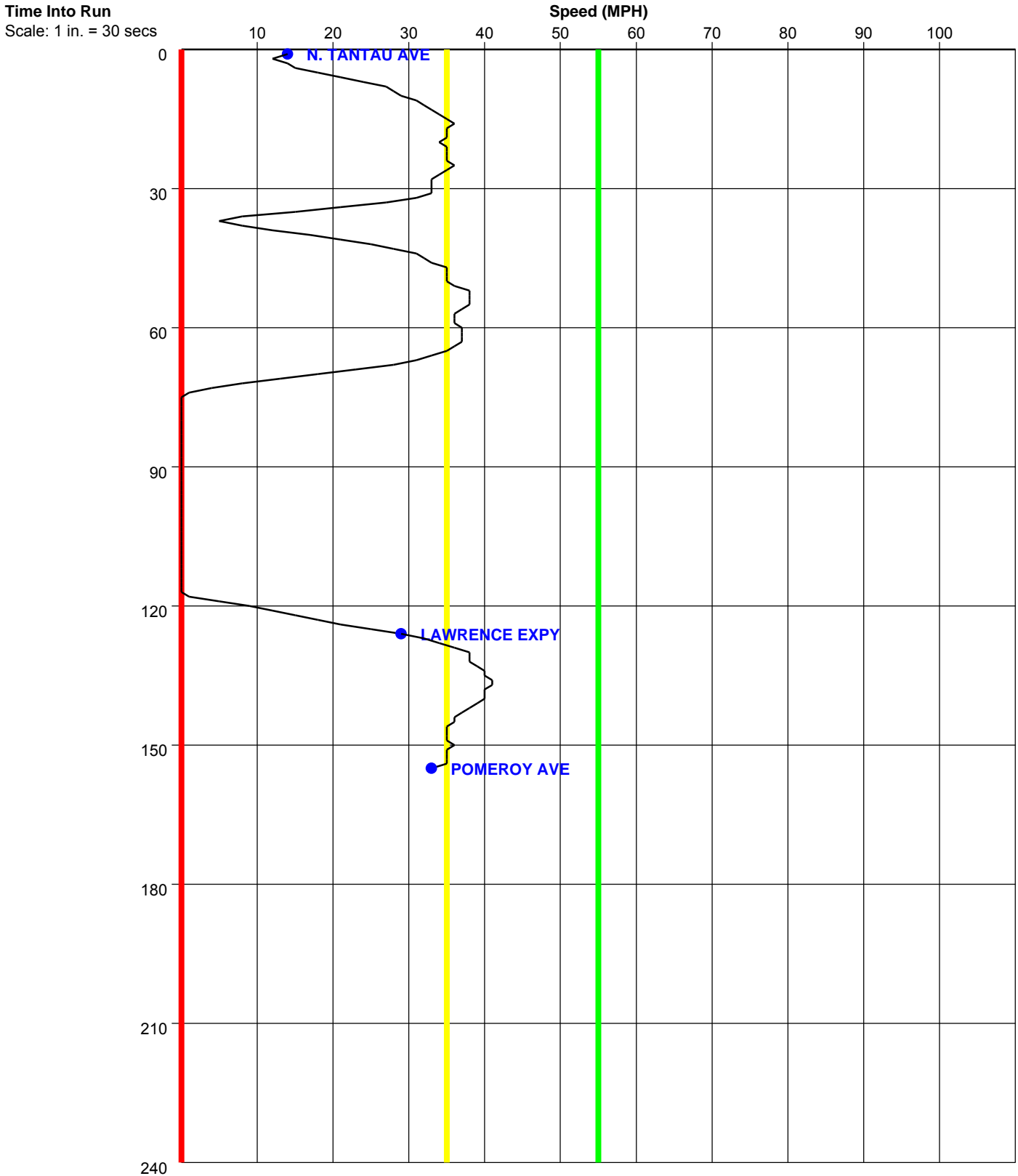
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
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### Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-002 Start Time:07:25 (This is a Before Run)

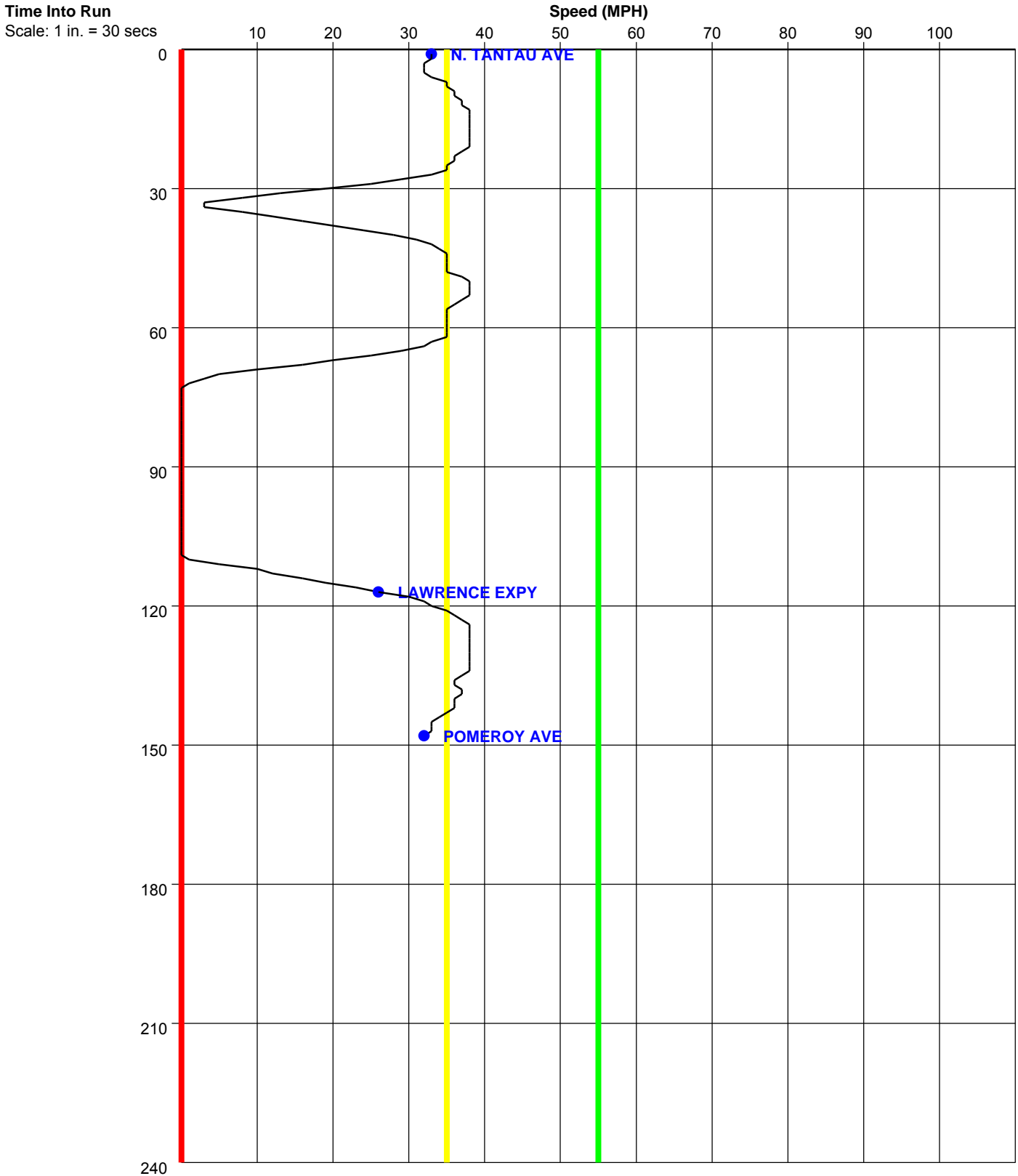


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-003 Start Time:07:31 (This is a Before Run)



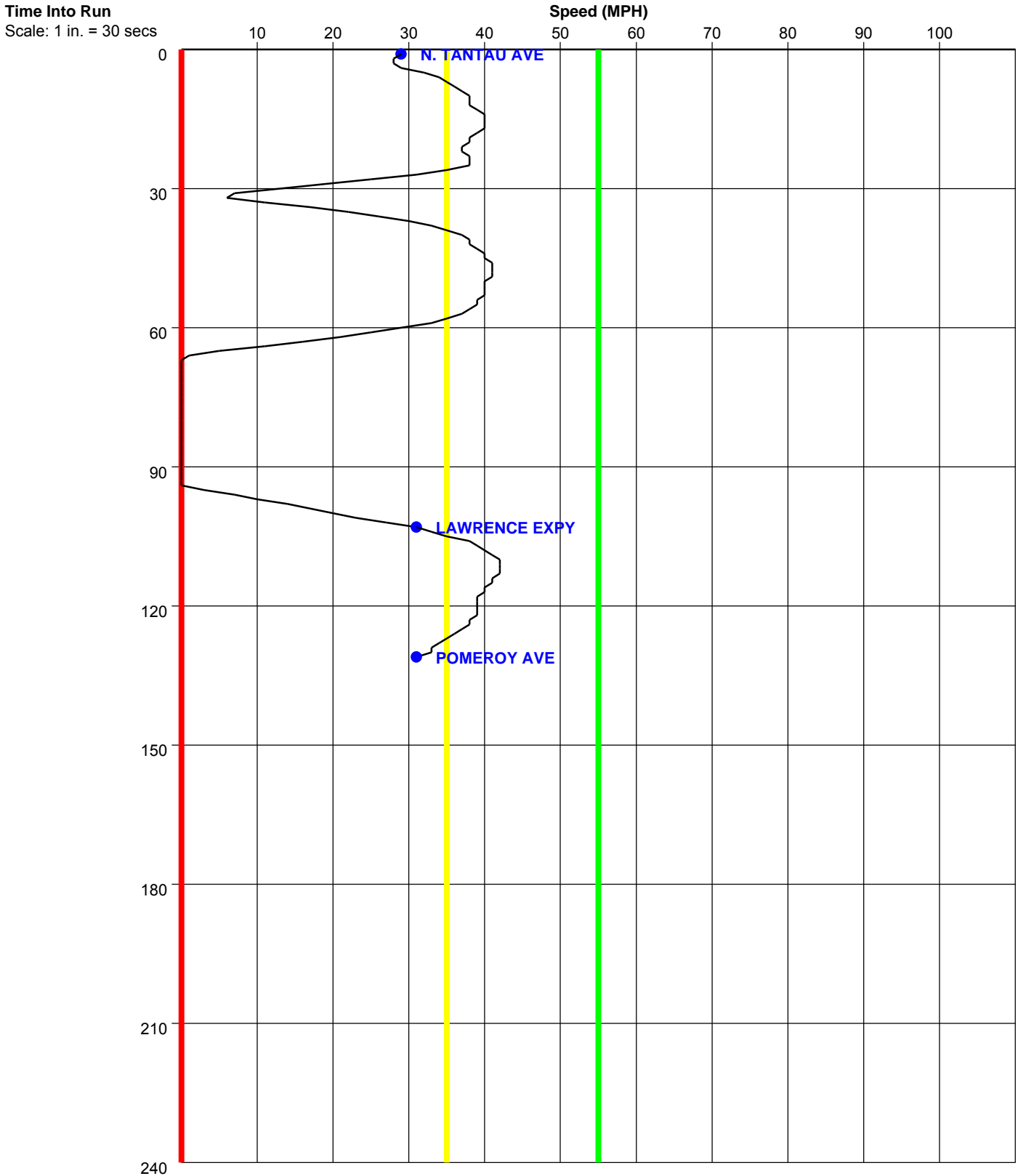
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 22

### Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-004 Start Time:07:37 (This is a Before Run)



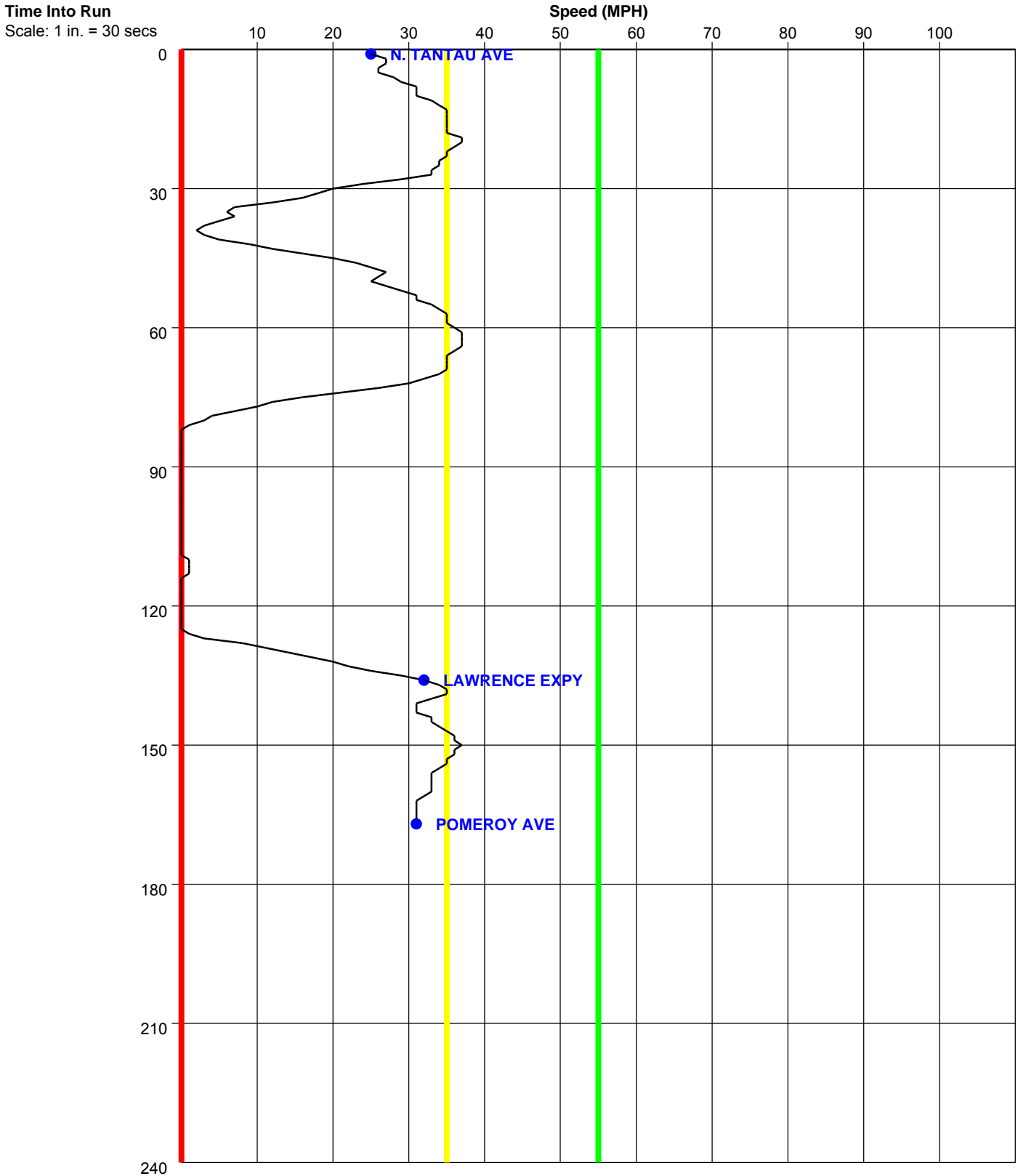
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 23

### Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-005 Start Time:07:44 (This is a Before Run)



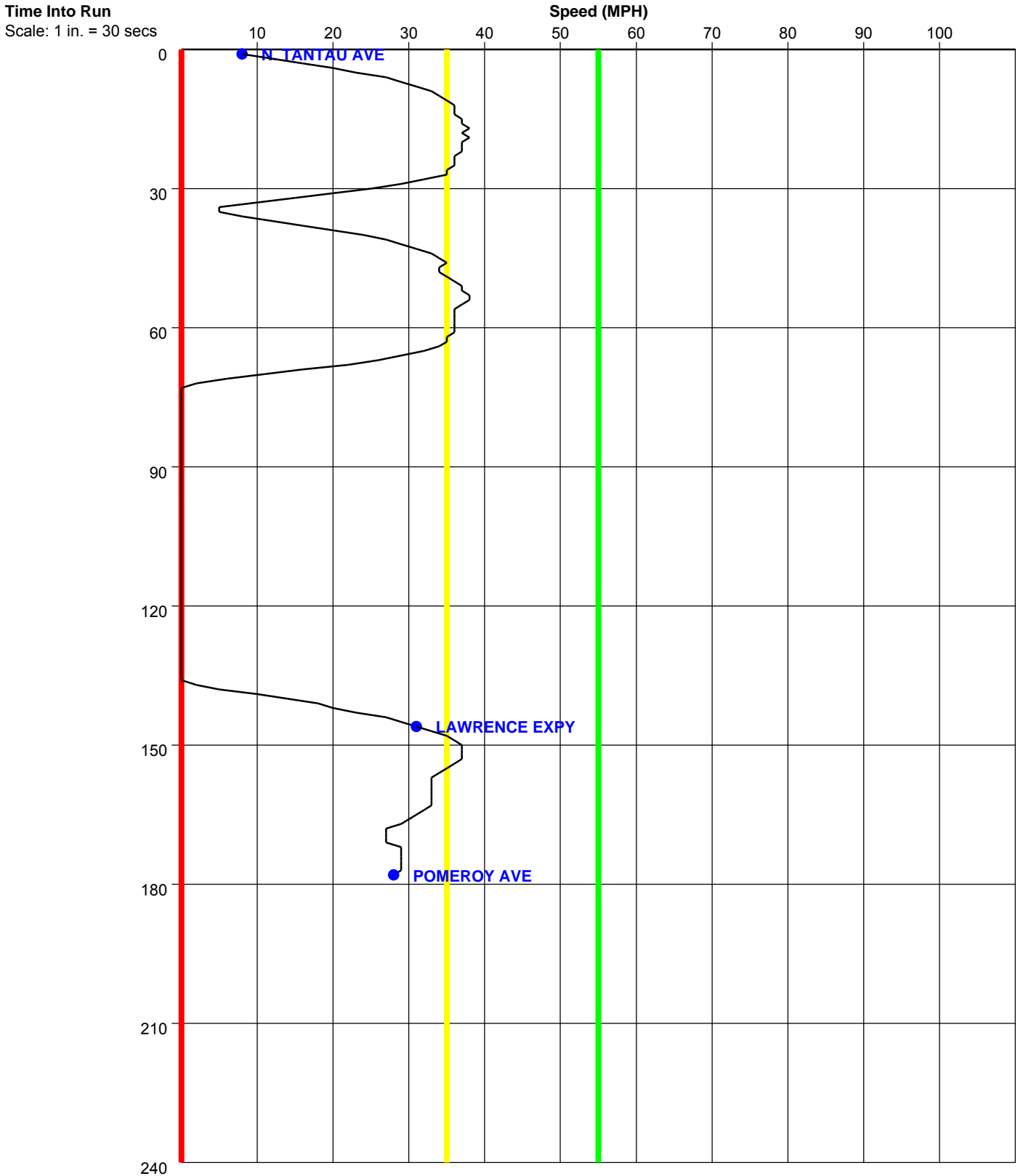
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB AM SAT  
Study Date : 6/14/2012  
Page No. : 24

### Time-Based Speed Profile

Run : 12-7272 AM SAT-EB-006 Start Time:07:54 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE WB AM SAT***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
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Speed Profile (Time vs Spd) for 12-7272 AM SAT-WB-002 .....	20
Speed Profile (Time vs Spd) for 12-7272 AM SAT-WB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 AM SAT-WB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 AM SAT-WB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 AM SAT-WB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
 Study Date : 6/14/2012  
 Page No. : 2

### Study Summary

#### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 AM SAT-WB-001	06/09/12	07:16	4820	Before	Primary
12-7272 AM SAT-WB-002	06/09/12	07:22	4838	Before	Primary
12-7272 AM SAT-WB-003	06/09/12	07:28	4791	Before	Primary
12-7272 AM SAT-WB-004	06/09/12	07:34	4766	Before	Primary
12-7272 AM SAT-WB-005	06/09/12	07:40	4903	Before	Primary
12-7272 AM SAT-WB-006	06/09/12	07:50	4809	Before	Primary

#### Node Info

#	Len	Name
1	0	POMEROY AVE
2	1861	LAWRENCE EXPY
3	3034	N. TANTAU AVE

Length of Study Route = 4,895 feet

#### Notes:

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT

Study Date : 6/14/2012

Page No. : 3

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	POMEROY AVE							
2	1861	LAWRENCE EXPY	69.5	1.0	18.3	37.5	21.8	56.7	69.5
3	3034	N. TANTAU AVE	68.5	0.8	30.2	17.5	0.0	41.5	67.7
<b>Total</b>	<b>4,895</b>		<b>138.0</b>	<b>1.8</b>	<b>24.2</b>	<b>55.0</b>	<b>21.8</b>	<b>98.2</b>	<b>137.2</b>

Stats based on 6 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	93	61	64	69	71	59
3	3034	N. TANTAU AVE	64	74	66	63	72	72
<b>Totals</b>	<b>4895</b>		<b>157</b>	<b>135</b>	<b>130</b>	<b>132</b>	<b>143</b>	<b>131</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	1	1	1	1	1	1
3	3034	N. TANTAU AVE	0	1	1	1	1	1
<b>Totals</b>	<b>4895</b>		<b>1</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	13.8	20.9	19.8	18.4	17.9	21.6
3	3034	N. TANTAU AVE	31.8	27.8	30.7	31.9	28.7	28.1
<b>Totals</b>	<b>4895</b>		<b>21.1</b>	<b>24.6</b>	<b>25.3</b>	<b>24.8</b>	<b>23.3</b>	<b>25.2</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	61	29	32	37	39	27
3	3034	N. TANTAU AVE	13	23	15	13	20	21
Totals	4895		74	52	47	50	59	48

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	47	17	17	21	26	3
3	3034	N. TANTAU AVE	0	0	0	0	0	0
<b>Totals</b>	<b>4895</b>		<b>47</b>	<b>17</b>	<b>17</b>	<b>21</b>	<b>26</b>	<b>3</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 AM SAT-WB-001  
 12-7272 AM SAT-WB-002  
 12-7272 AM SAT-WB-003  
 12-7272 AM SAT-WB-004  
 12-7272 AM SAT-WB-005  
 12-7272 AM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	73	42	55	53	58	59
3	3034	N. TANTAU AVE	29	54	39	28	37	62
<b>Totals</b>	<b>4895</b>		<b>102</b>	<b>96</b>	<b>94</b>	<b>81</b>	<b>95</b>	<b>121</b>



**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB AM SAT**  
Study Date : **6/14/2012**  
Page No. : **10**

**Detailed Statistics By Run**

**Time Below 55 MPH by Section**

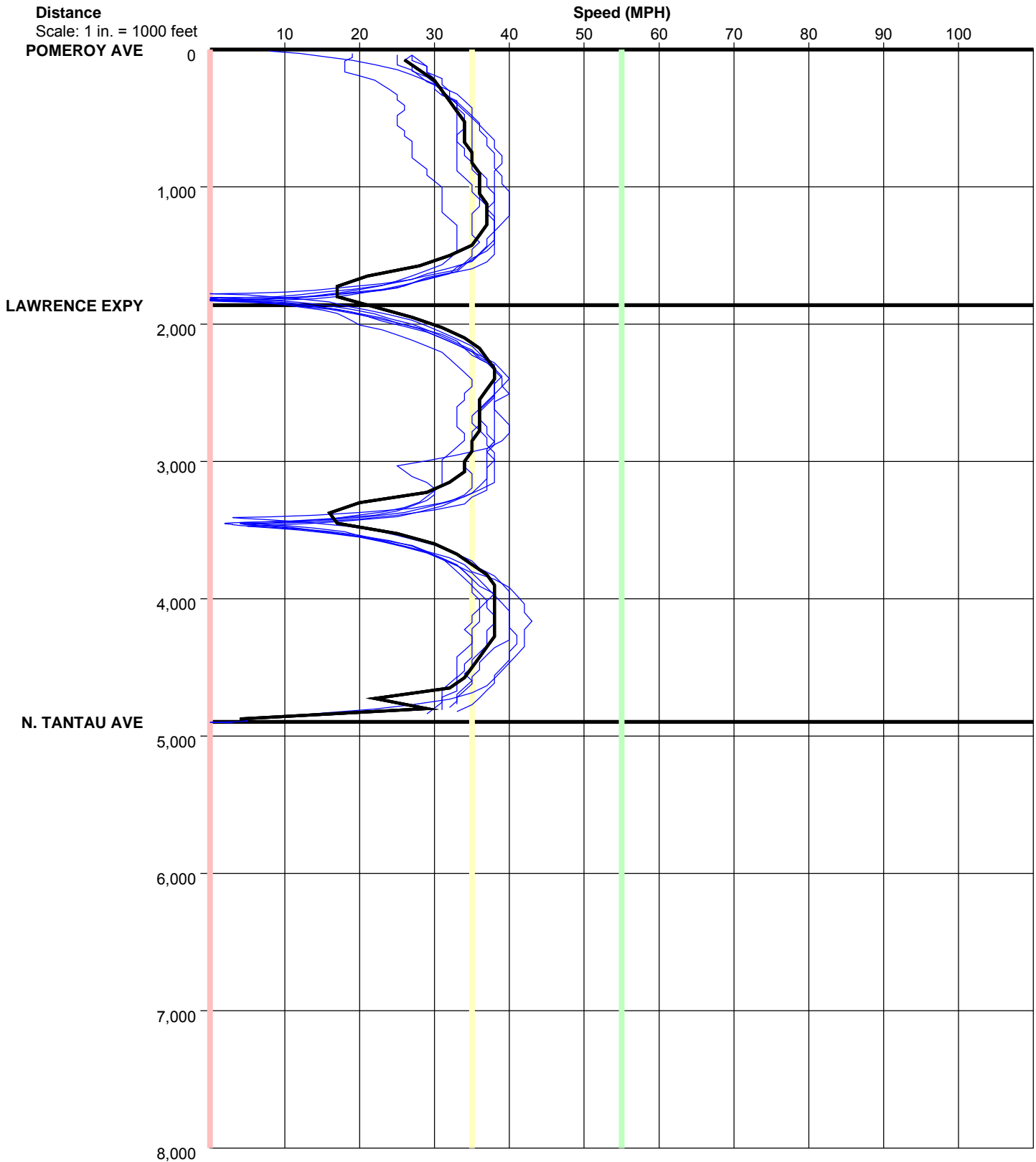
*12-7272 AM SAT-WB-001*  
*12-7272 AM SAT-WB-002*  
*12-7272 AM SAT-WB-003*  
*12-7272 AM SAT-WB-004*  
*12-7272 AM SAT-WB-005*  
*12-7272 AM SAT-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1861	LAWRENCE EXPY	93	61	64	69	71	59
3	3034	N. TANTAU AVE	63	73	65	62	72	71
<b>Totals</b>	<b>4895</b>		<b>156</b>	<b>134</b>	<b>129</b>	<b>131</b>	<b>143</b>	<b>130</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 11

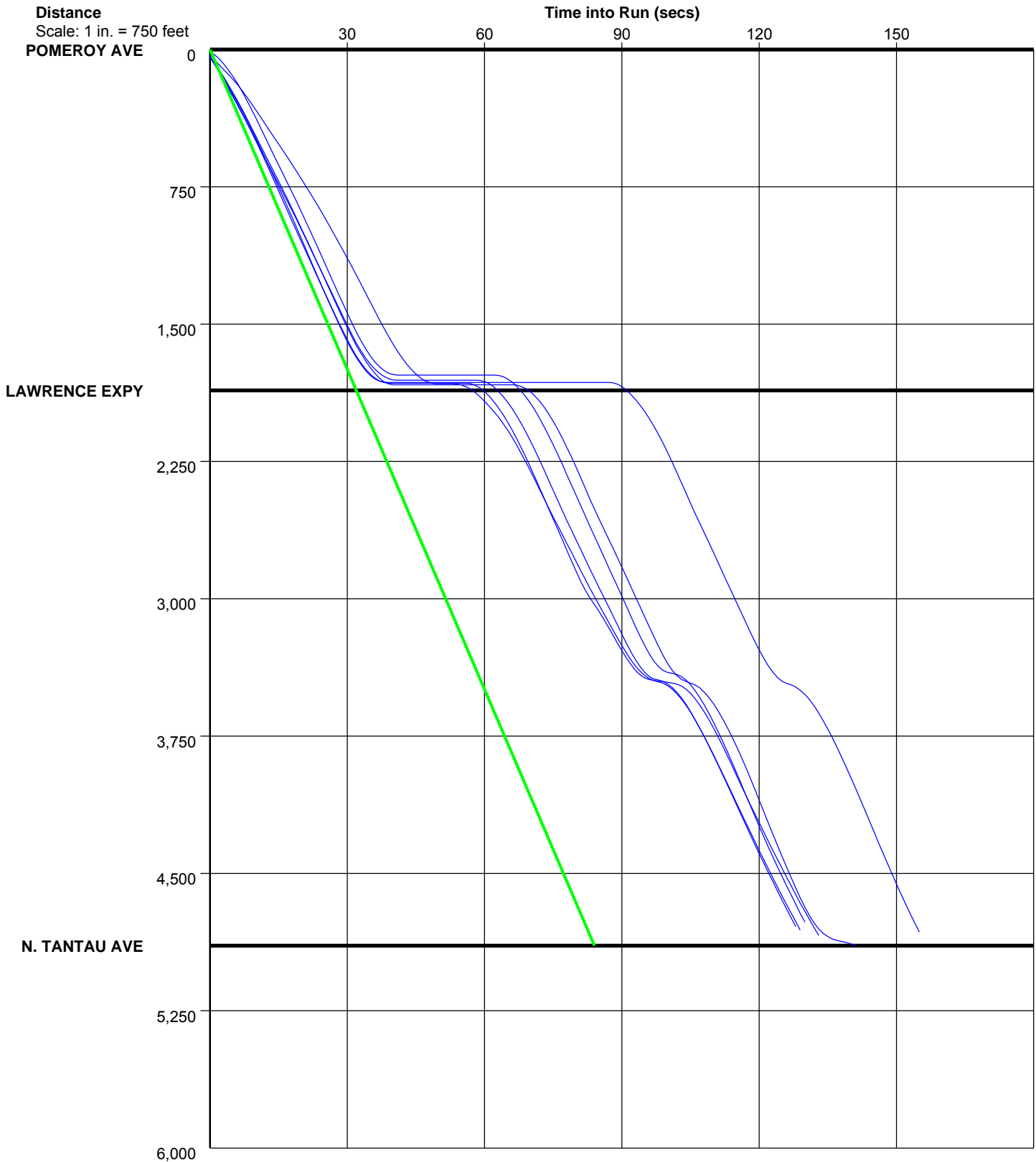
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



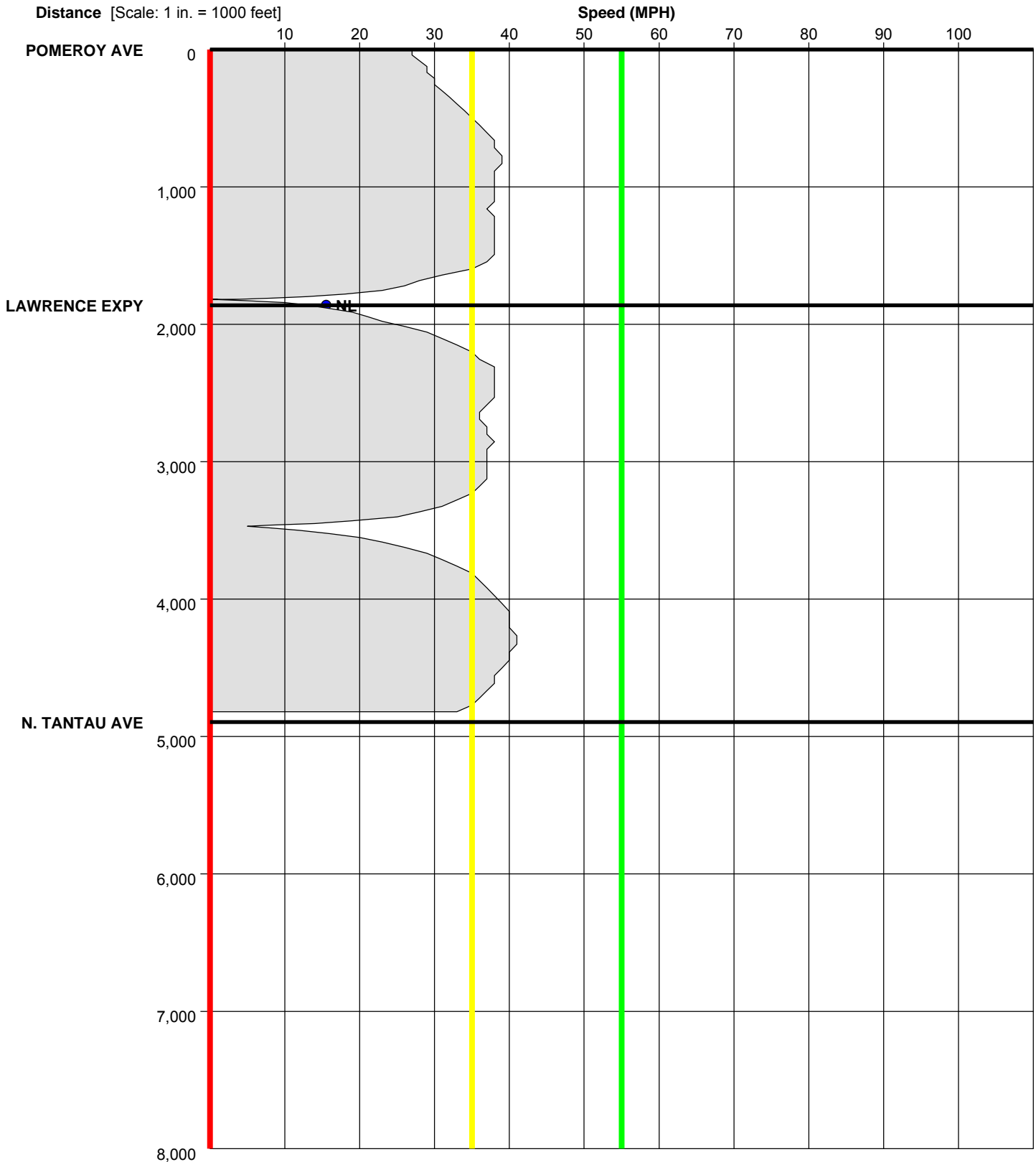
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 AM SAT-WB-001 Start Time: 07:16 (This is a Before Run)

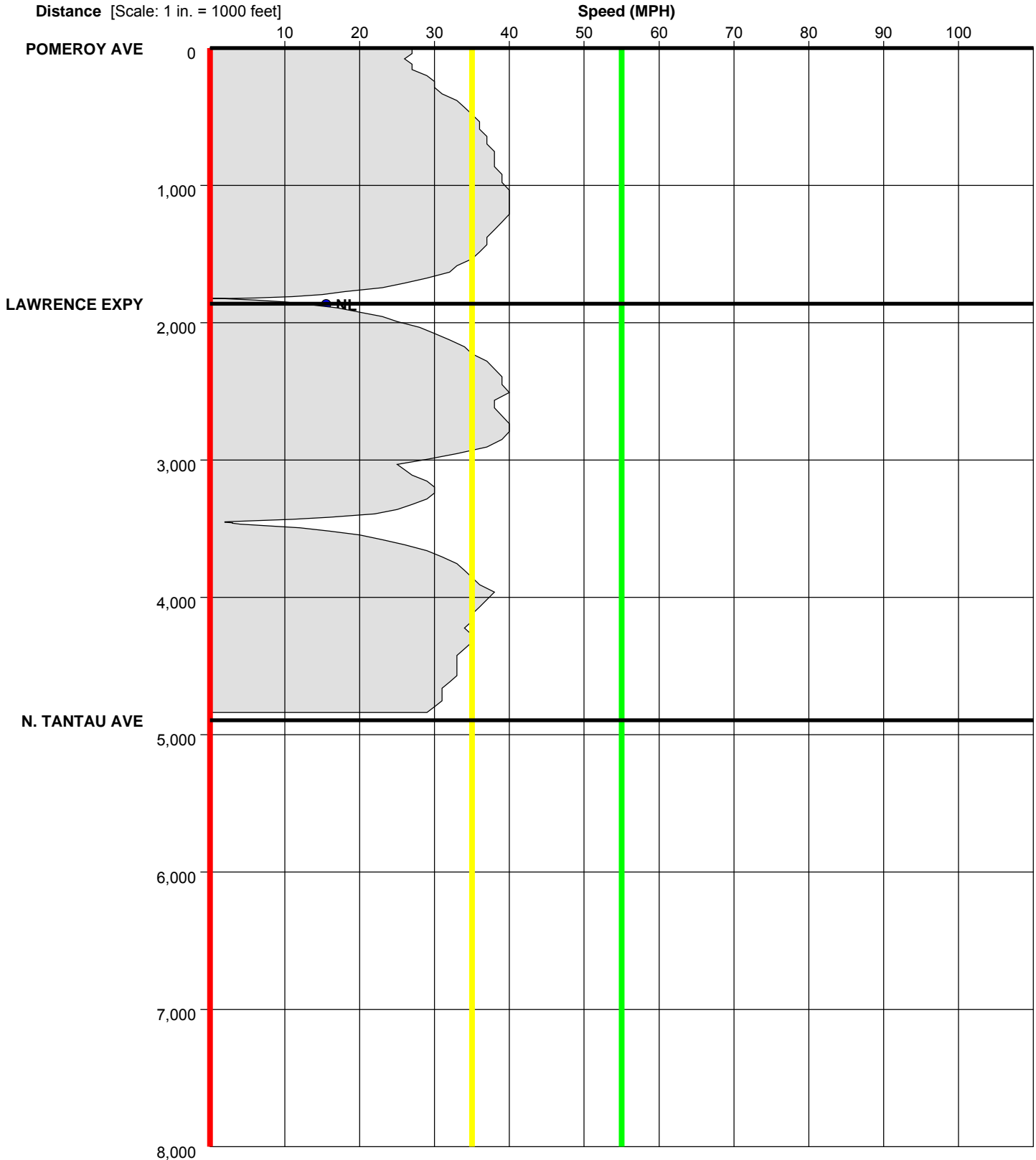


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 AM SAT-WB-002 Start Time: 07:22 (This is a Before Run)

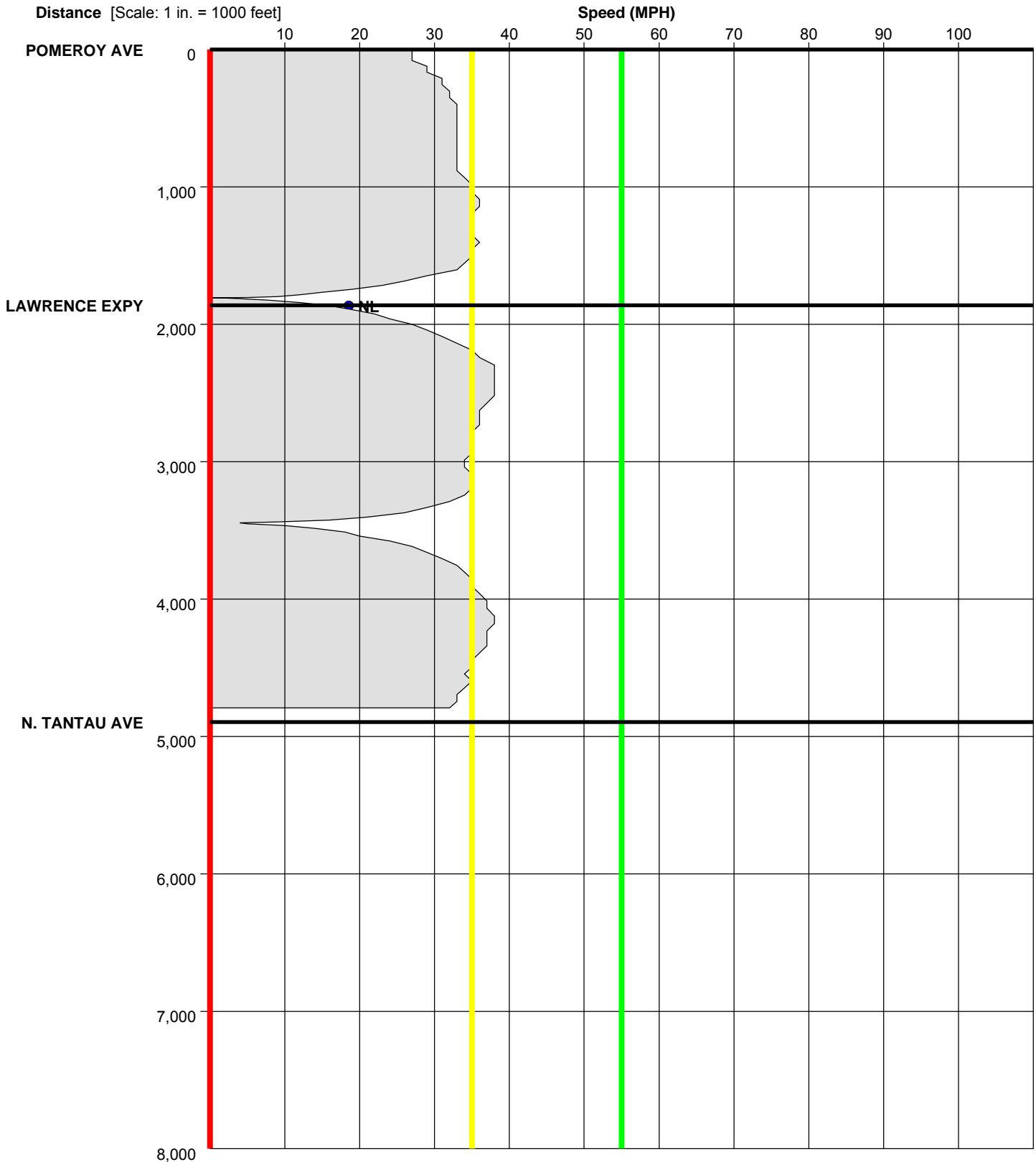


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 AM SAT-WB-003 Start Time: 07:28 (This is a Before Run)

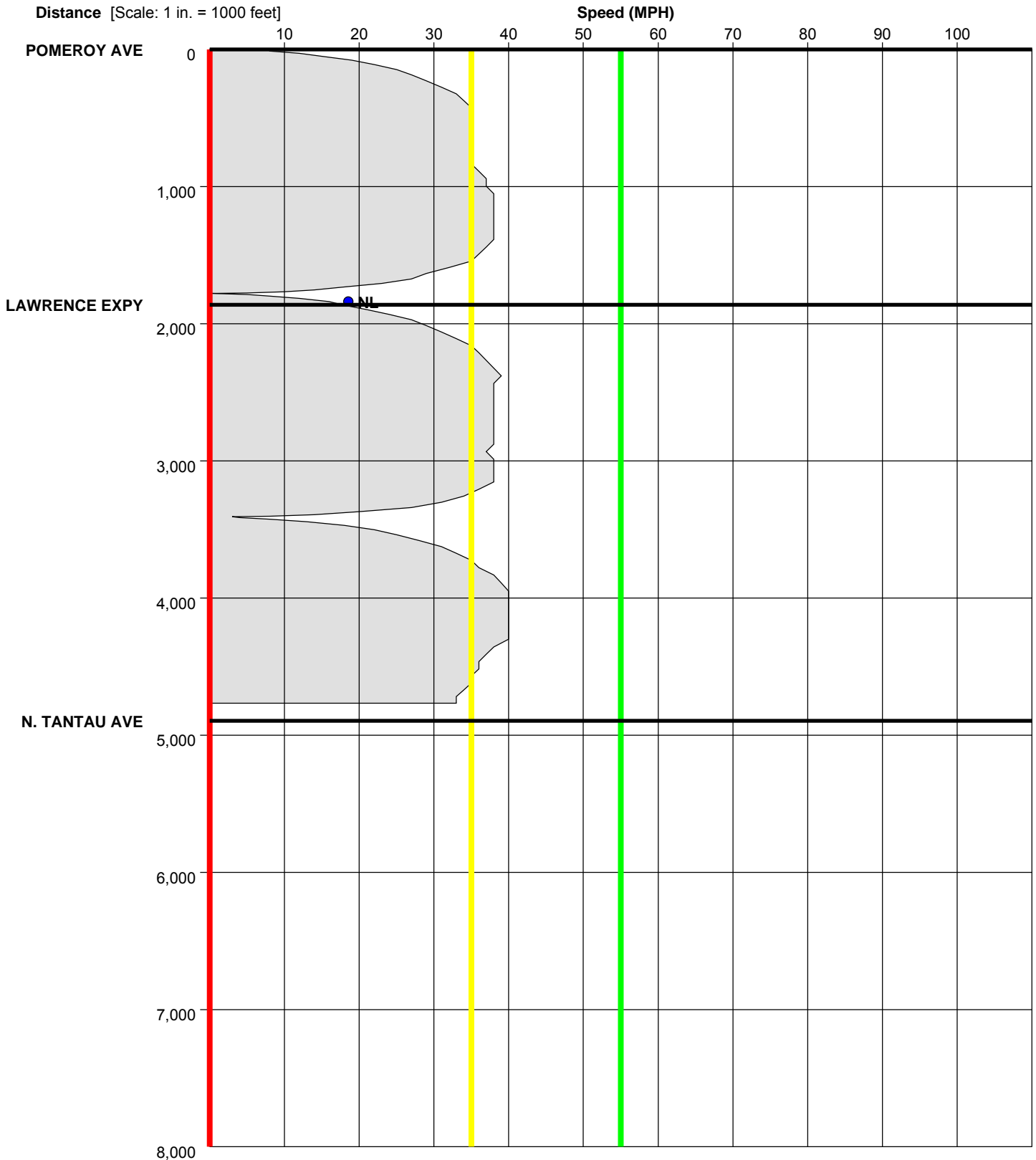


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 AM SAT-WB-004 Start Time: 07:34 (This is a Before Run)

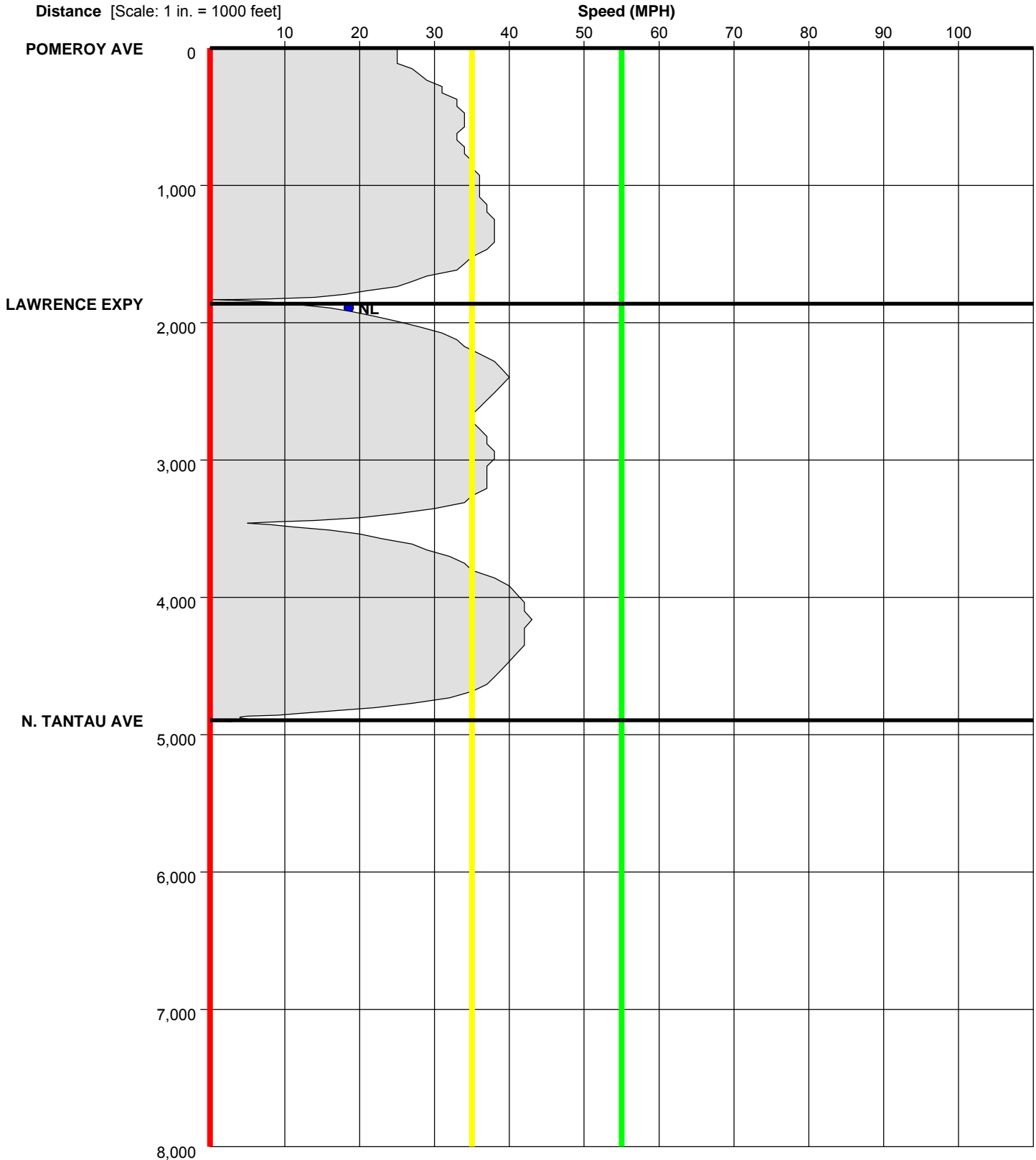


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 AM SAT-WB-005 Start Time: 07:40 (This is a Before Run)



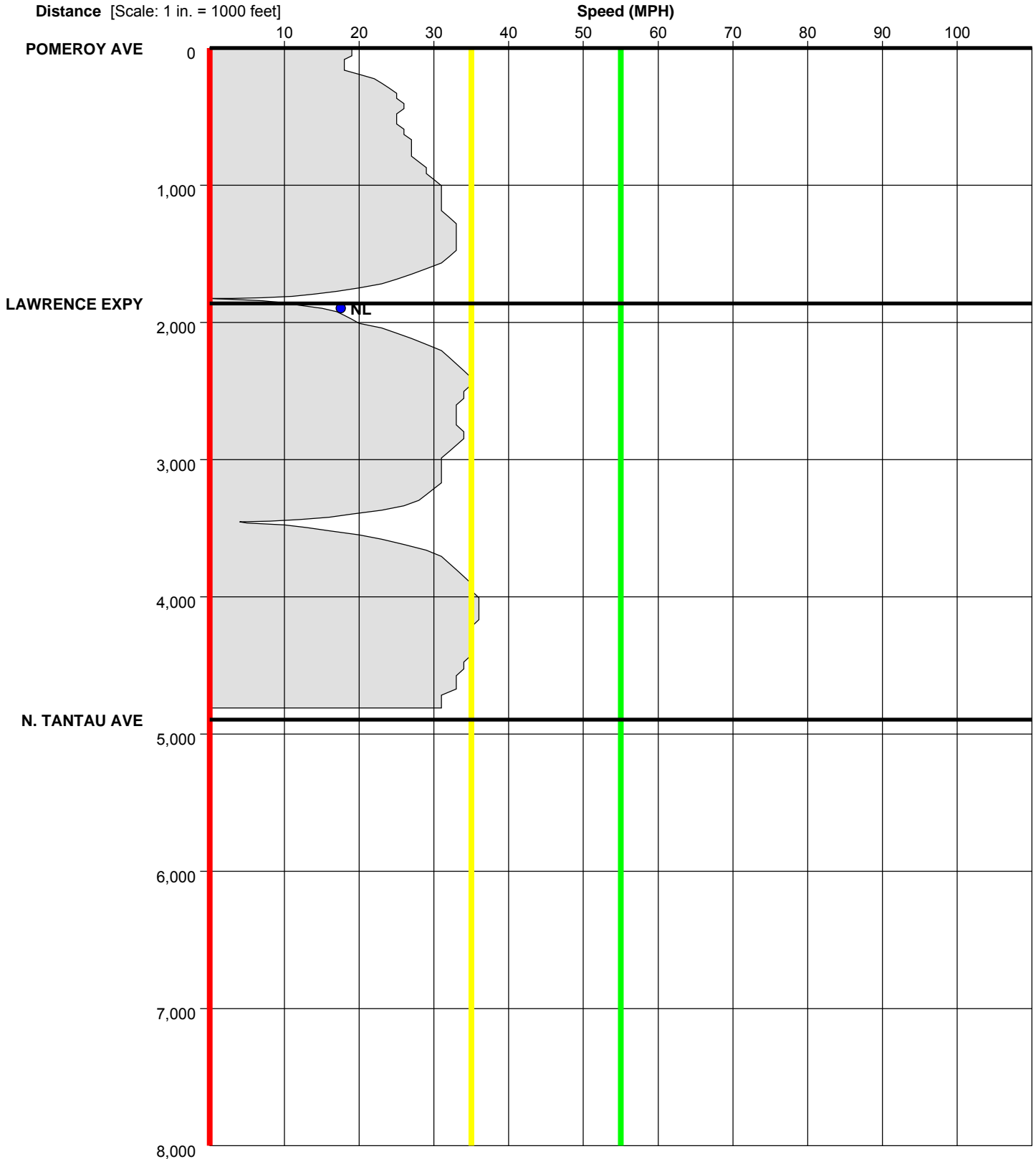


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 AM SAT-WB-006 Start Time: 07:50 (This is a Before Run)



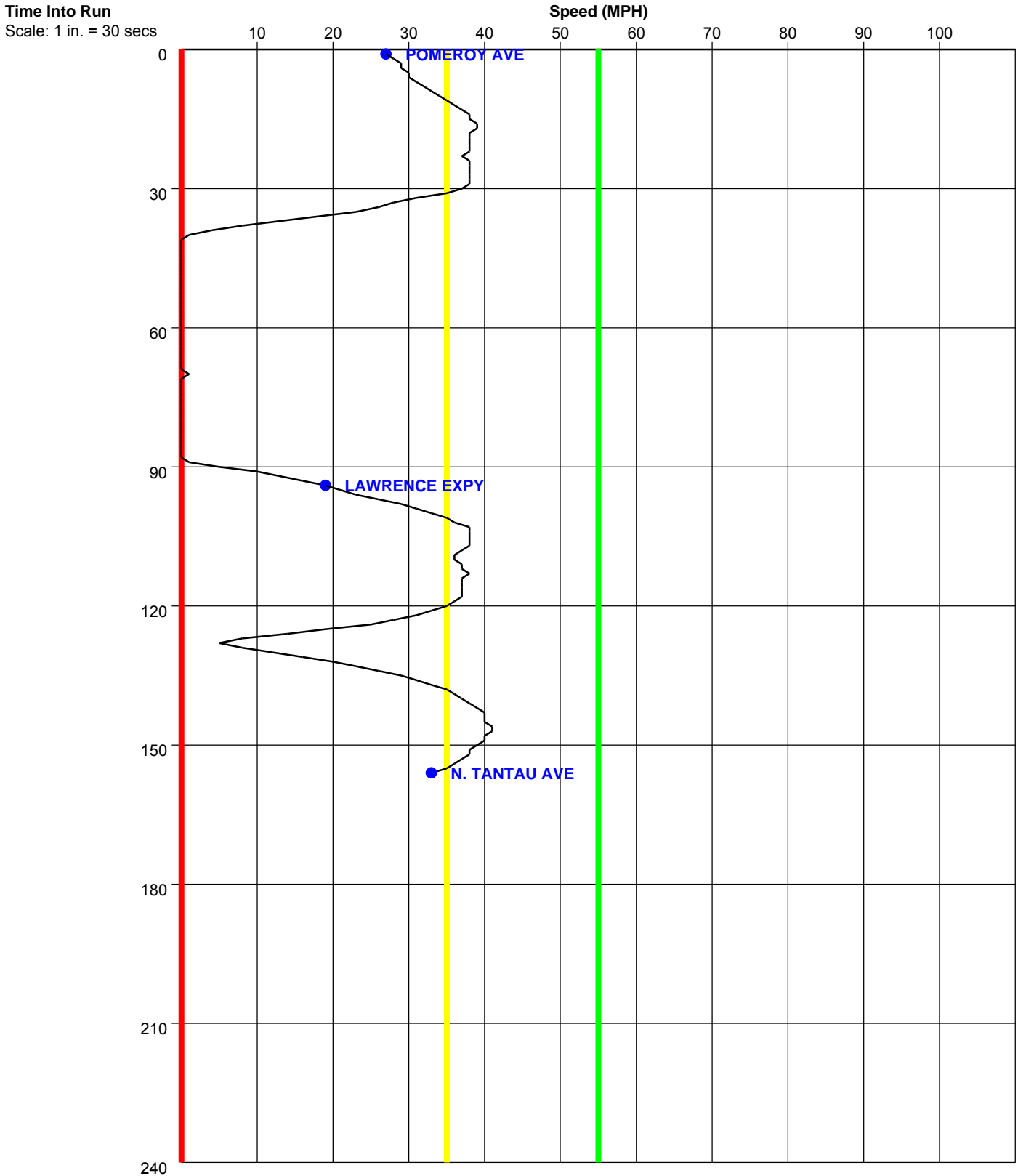
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 19

### Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-001 Start Time:07:16 (This is a Before Run)

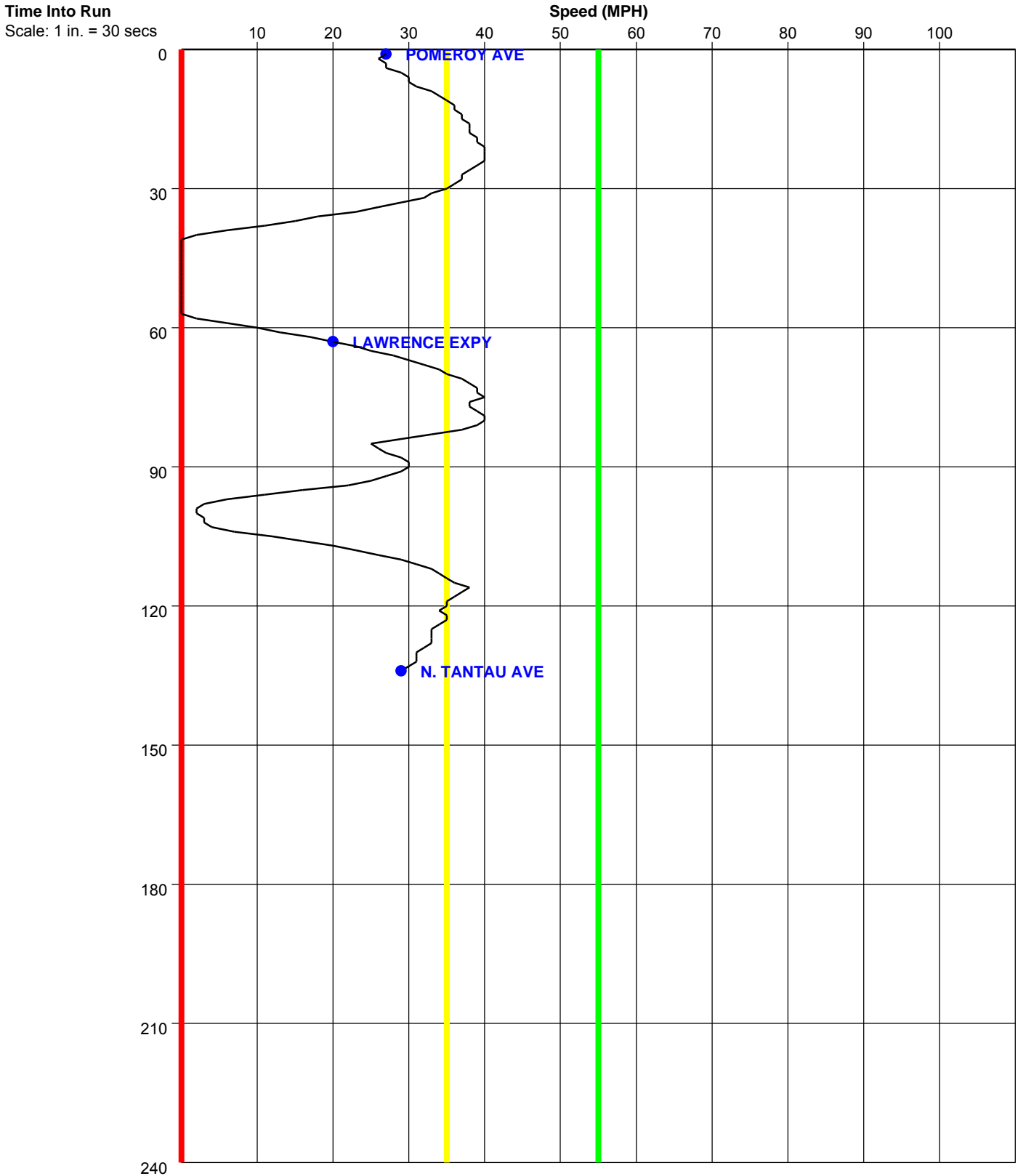


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-002 Start Time:07:22 (This is a Before Run)



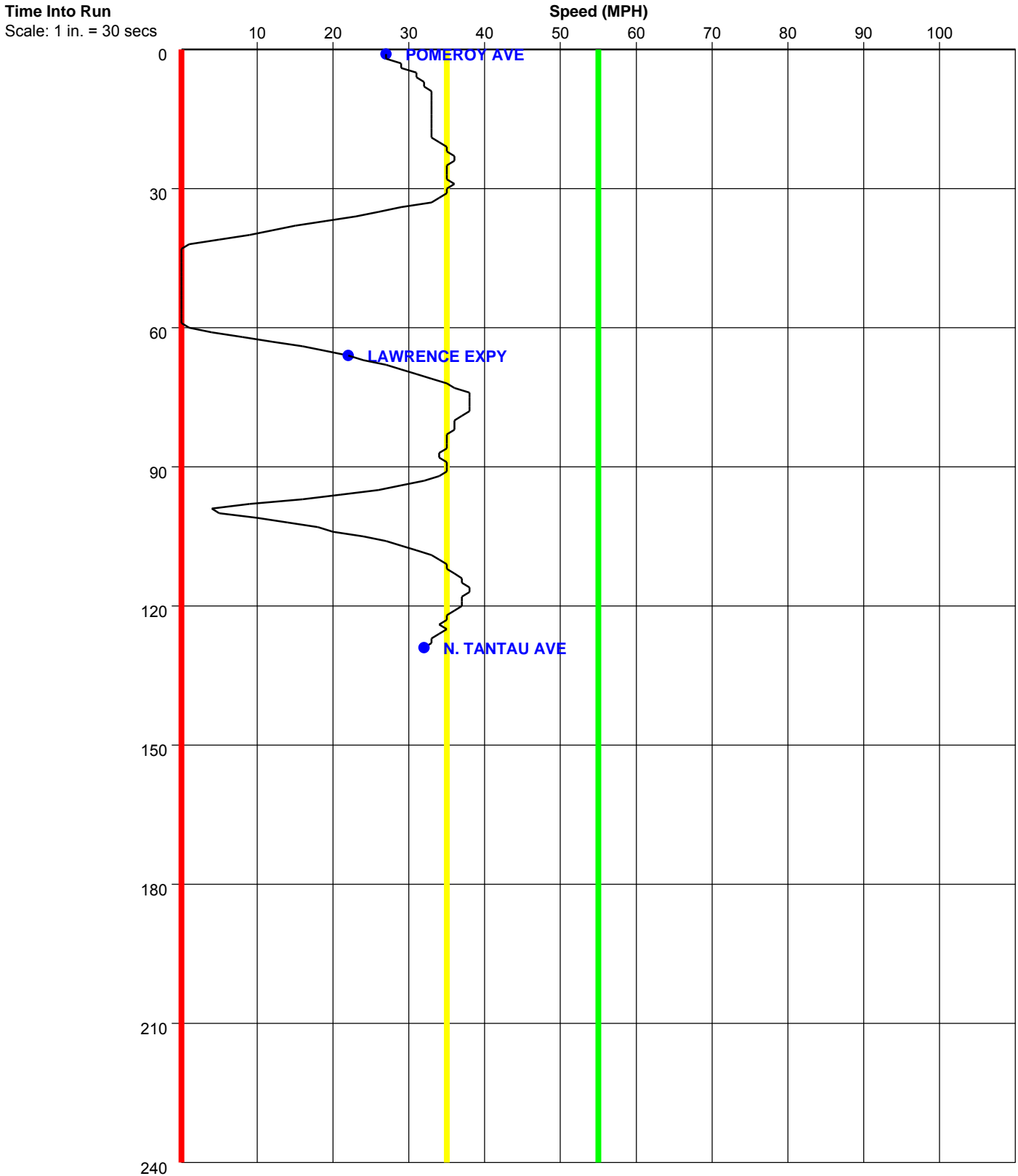
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 21

### Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-003 Start Time:07:28 (This is a Before Run)

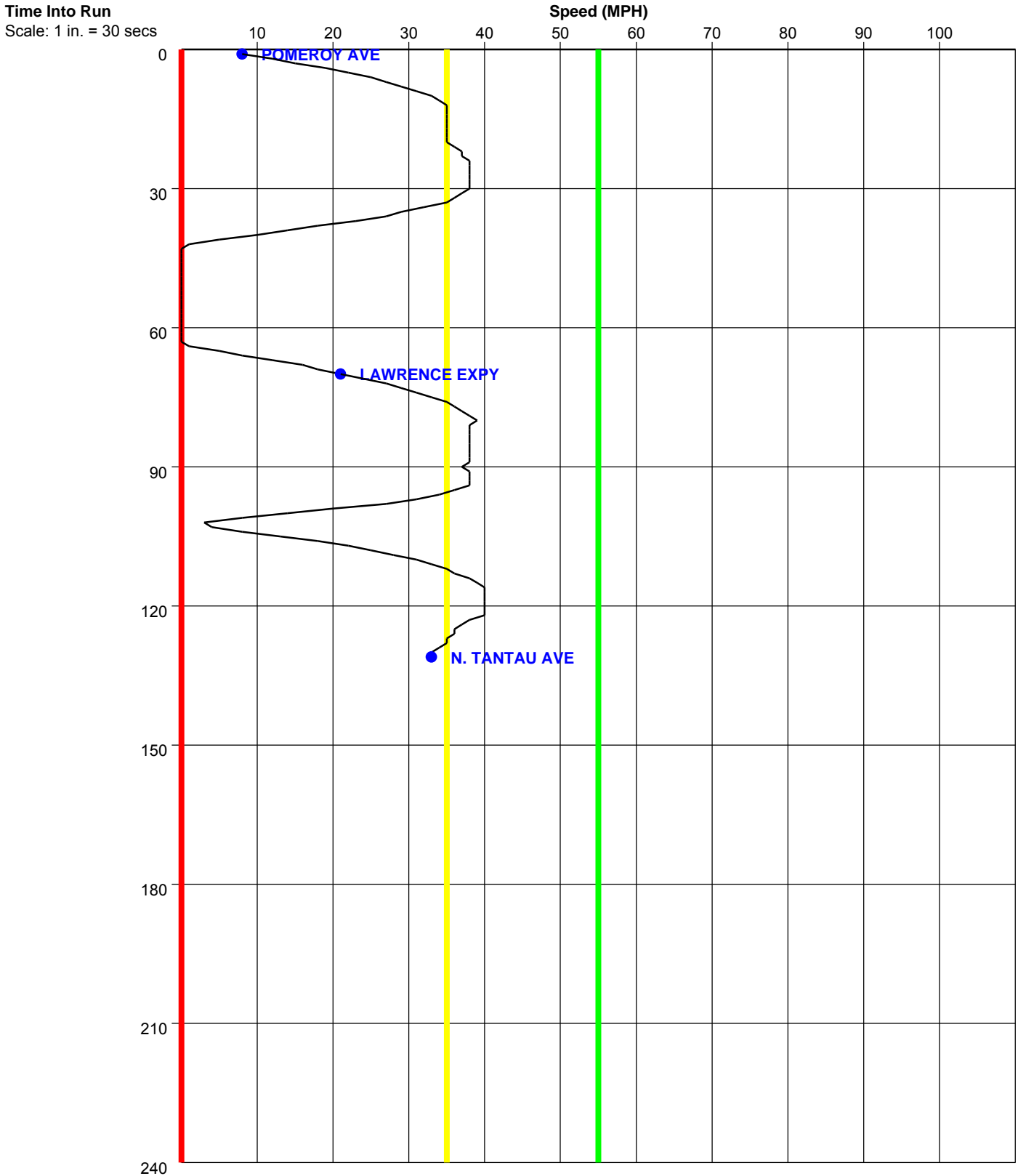


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 22

## Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-004 Start Time:07:34 (This is a Before Run)



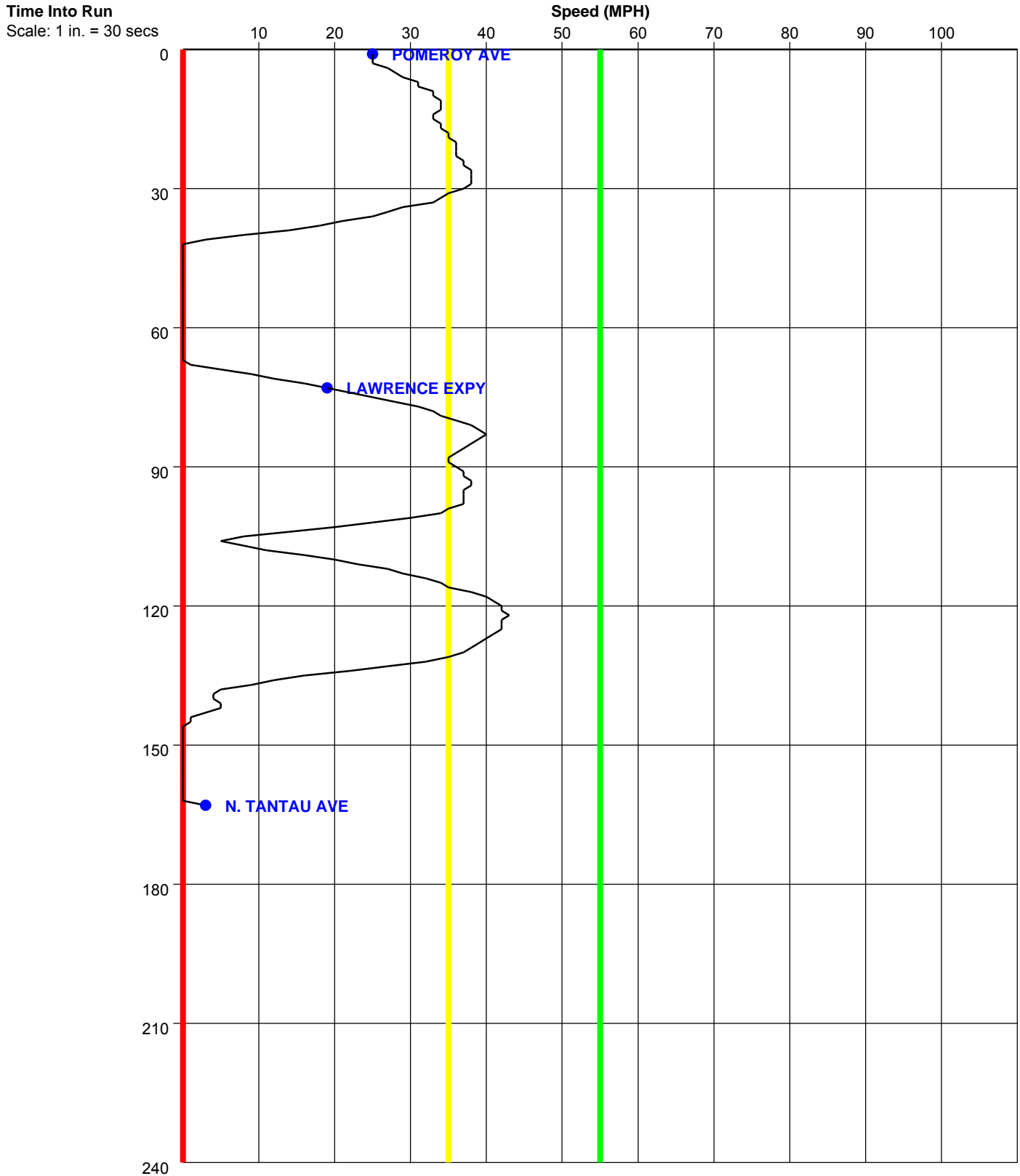
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 23

### Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-005 Start Time:07:40 (This is a Before Run)



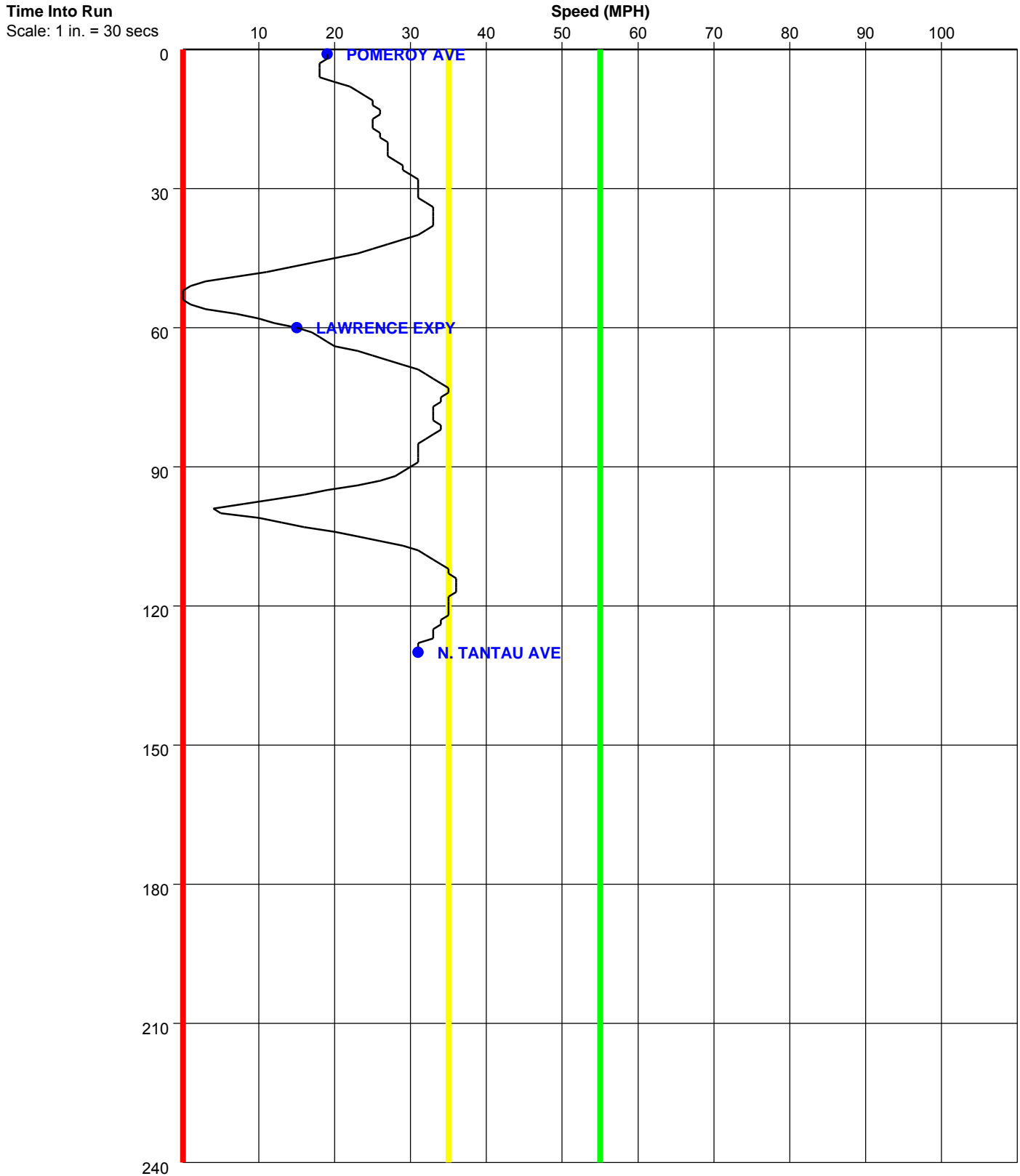
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB AM SAT  
Study Date : 6/14/2012  
Page No. : 24

### Time-Based Speed Profile

Run : 12-7272 AM SAT-WB-006 Start Time:07:50 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE EB PM SAT***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
Study Summary .....	2
Overall Output Statistics .....	3
Detailed Statistics By Run - Travel Times .....	4
Detailed Statistics By Run - Stops .....	5
Detailed Statistics By Run - Average Speed .....	6
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Detailed Statistics By Run - Time <= 0 MPH .....	8
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Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-001 .....	13
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-002 .....	14
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-003 .....	15
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-004 .....	16
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-005 .....	17
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-EB-006 .....	18
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-001 .....	19
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-002 .....	20
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 PM SAT-EB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
 Study Date : 6/14/2012  
 Page No. : 2

### Study Summary

#### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 PM SAT-EB-001	06/09/12	17:12	4950	Before	Primary
12-7272 PM SAT-EB-002	06/09/12	17:20	4888	Before	Primary
12-7272 PM SAT-EB-003	06/09/12	17:29	4861	Before	Primary
12-7272 PM SAT-EB-004	06/09/12	17:35	4801	Before	Primary
12-7272 PM SAT-EB-005	06/09/12	17:44	4829	Before	Primary
12-7272 PM SAT-EB-006	06/09/12	17:50	4787	Before	Primary

#### Node Info

#	Len	Name
1	0	N. TANTAU AVE
2	3225	LAWRENCE EXPY
3	1697	POMEROY AVE

Length of Study Route = 4,922 feet

#### Notes:

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT

Study Date : 6/14/2012

Page No. : 3

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	N. TANTAU AVE							
2	3225	LAWRENCE EXPY	117.7	2.2	18.7	62.7	34.3	91.8	117.7
3	1697	POMEROY AVE	35.5	0.2	32.6	7.0	2.5	17.5	34.7
<b>Total</b>	<b>4,922</b>		<b>153.2</b>	<b>2.3</b>	<b>21.9</b>	<b>69.7</b>	<b>36.8</b>	<b>109.3</b>	<b>152.3</b>

Stats based on 6 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

12-7272 PM SAT-EB-001  
 12-7272 PM SAT-EB-002  
 12-7272 PM SAT-EB-003  
 12-7272 PM SAT-EB-004  
 12-7272 PM SAT-EB-005  
 12-7272 PM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	99	113	106	141	119	128
3	1697	POMEROY AVE	49	36	32	33	33	30
<b>Totals</b>	<b>4922</b>		<b>148</b>	<b>149</b>	<b>138</b>	<b>174</b>	<b>152</b>	<b>158</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 PM SAT-EB-001  
 12-7272 PM SAT-EB-002  
 12-7272 PM SAT-EB-003  
 12-7272 PM SAT-EB-004  
 12-7272 PM SAT-EB-005  
 12-7272 PM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	2	2	2	2	2	3
3	1697	POMEROY AVE	1	0	0	0	0	0
<b>Totals</b>	<b>4922</b>		<b>3</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>3</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 PM SAT-EB-001  
 12-7272 PM SAT-EB-002  
 12-7272 PM SAT-EB-003  
 12-7272 PM SAT-EB-004  
 12-7272 PM SAT-EB-005  
 12-7272 PM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	22.3	19.5	20.7	15.6	18.5	17.2
3	1697	POMEROY AVE	23.4	32.1	35.9	33.1	33.9	36.6
<b>Totals</b>	<b>4922</b>		<b>22.7</b>	<b>22.5</b>	<b>24.2</b>	<b>18.9</b>	<b>21.8</b>	<b>20.8</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 PM SAT-EB-001  
 12-7272 PM SAT-EB-002  
 12-7272 PM SAT-EB-003  
 12-7272 PM SAT-EB-004  
 12-7272 PM SAT-EB-005  
 12-7272 PM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	44	58	51	86	64	73
3	1697	POMEROY AVE	20	7	3	5	5	2
Totals	4922		64	65	54	91	69	75

Total Delay based on a Normal Speed of 40 MPH.

**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
Study Date : **6/14/2012**  
Page No. : **8**

**Detailed Statistics By Run**

**Time Below 0 MPH by Section**

*12-7272 PM SAT-EB-001*  
*12-7272 PM SAT-EB-002*  
*12-7272 PM SAT-EB-003*  
*12-7272 PM SAT-EB-004*  
*12-7272 PM SAT-EB-005*  
*12-7272 PM SAT-EB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	21	29	24	53	34	45
3	1697	POMEROY AVE	15	0	0	0	0	0
<b>Totals</b>	<b>4922</b>		<b>36</b>	<b>29</b>	<b>24</b>	<b>53</b>	<b>34</b>	<b>45</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 PM SAT-EB-001  
 12-7272 PM SAT-EB-002  
 12-7272 PM SAT-EB-003  
 12-7272 PM SAT-EB-004  
 12-7272 PM SAT-EB-005  
 12-7272 PM SAT-EB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	60	92	83	126	91	99
3	1697	POMEROY AVE	28	32	4	20	14	7
<b>Totals</b>	<b>4922</b>		<b>88</b>	<b>124</b>	<b>87</b>	<b>146</b>	<b>105</b>	<b>106</b>



**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE EB PM SAT**  
Study Date : **6/14/2012**  
Page No. : **10**

**Detailed Statistics By Run**

**Time Below 55 MPH by Section**

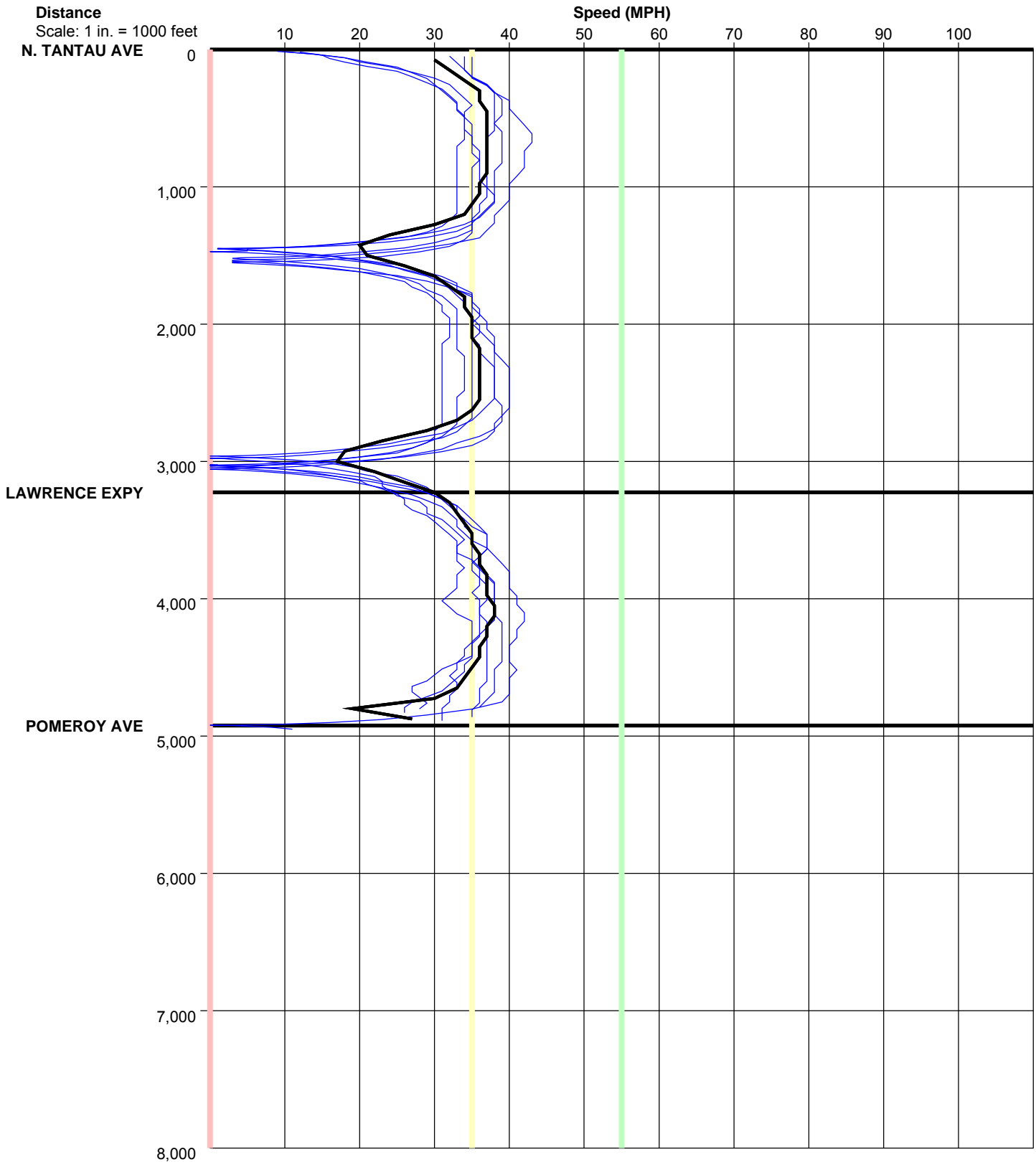
*12-7272 PM SAT-EB-001*  
*12-7272 PM SAT-EB-002*  
*12-7272 PM SAT-EB-003*  
*12-7272 PM SAT-EB-004*  
*12-7272 PM SAT-EB-005*  
*12-7272 PM SAT-EB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	N. TANTAU AVE						
2	3225	LAWRENCE EXPY	99	113	106	141	119	128
3	1697	POMEROY AVE	49	35	31	32	32	29
<b>Totals</b>	<b>4922</b>		<b>148</b>	<b>148</b>	<b>137</b>	<b>173</b>	<b>151</b>	<b>157</b>

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 11

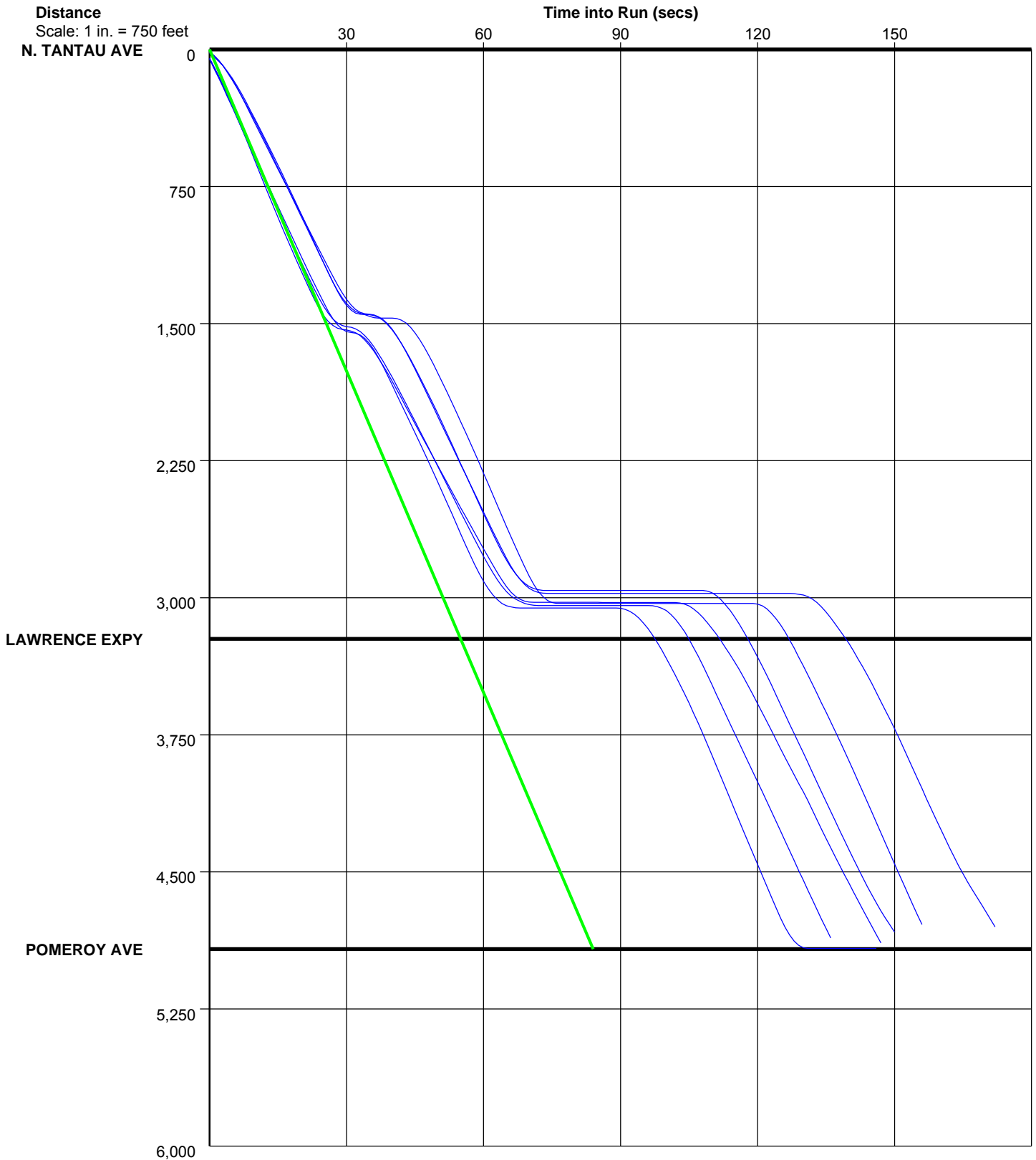
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



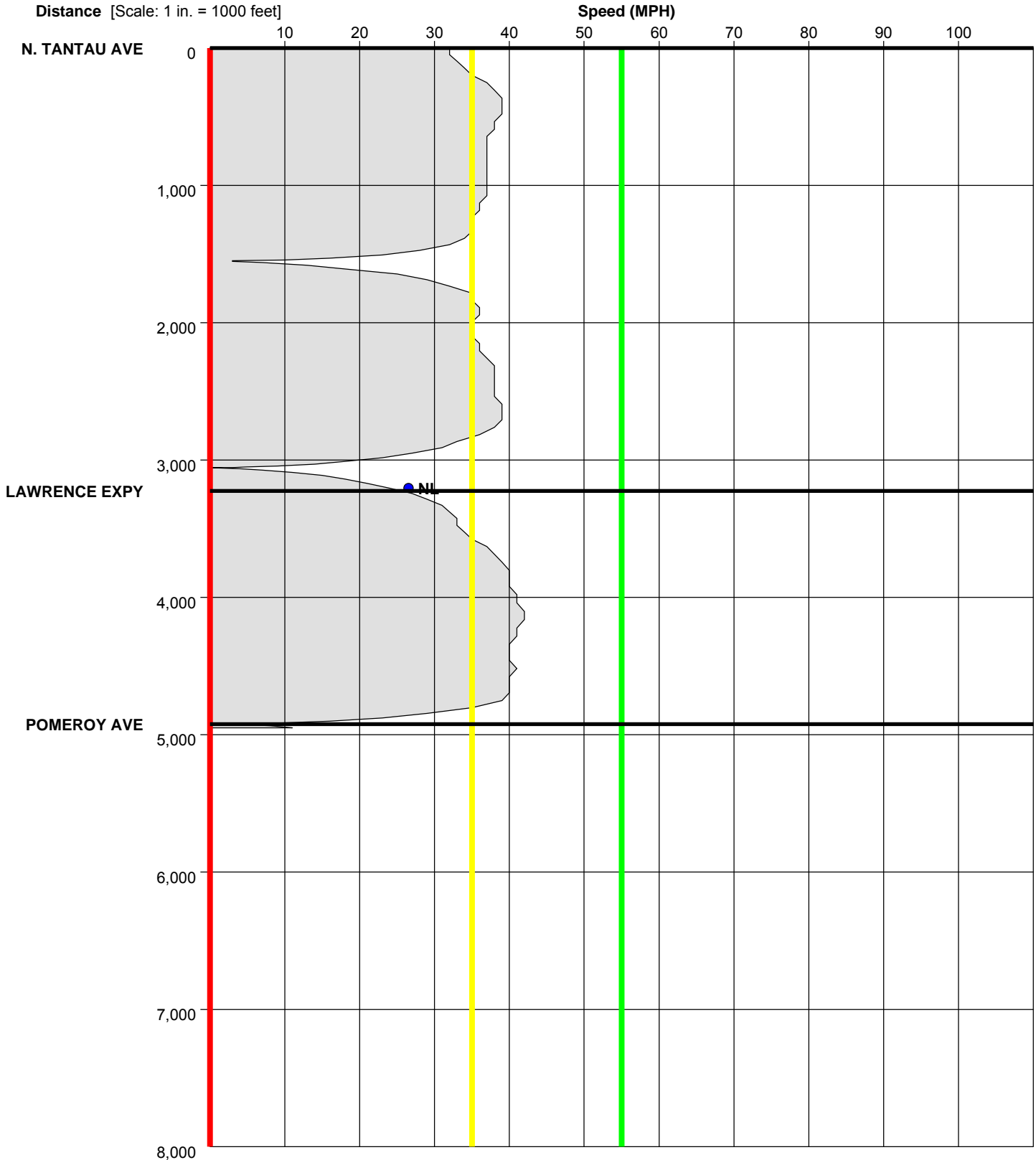
Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 13

## Speed Profile

Run : 12-7272 PM SAT-EB-001 Start Time: 17:12 (This is a Before Run)

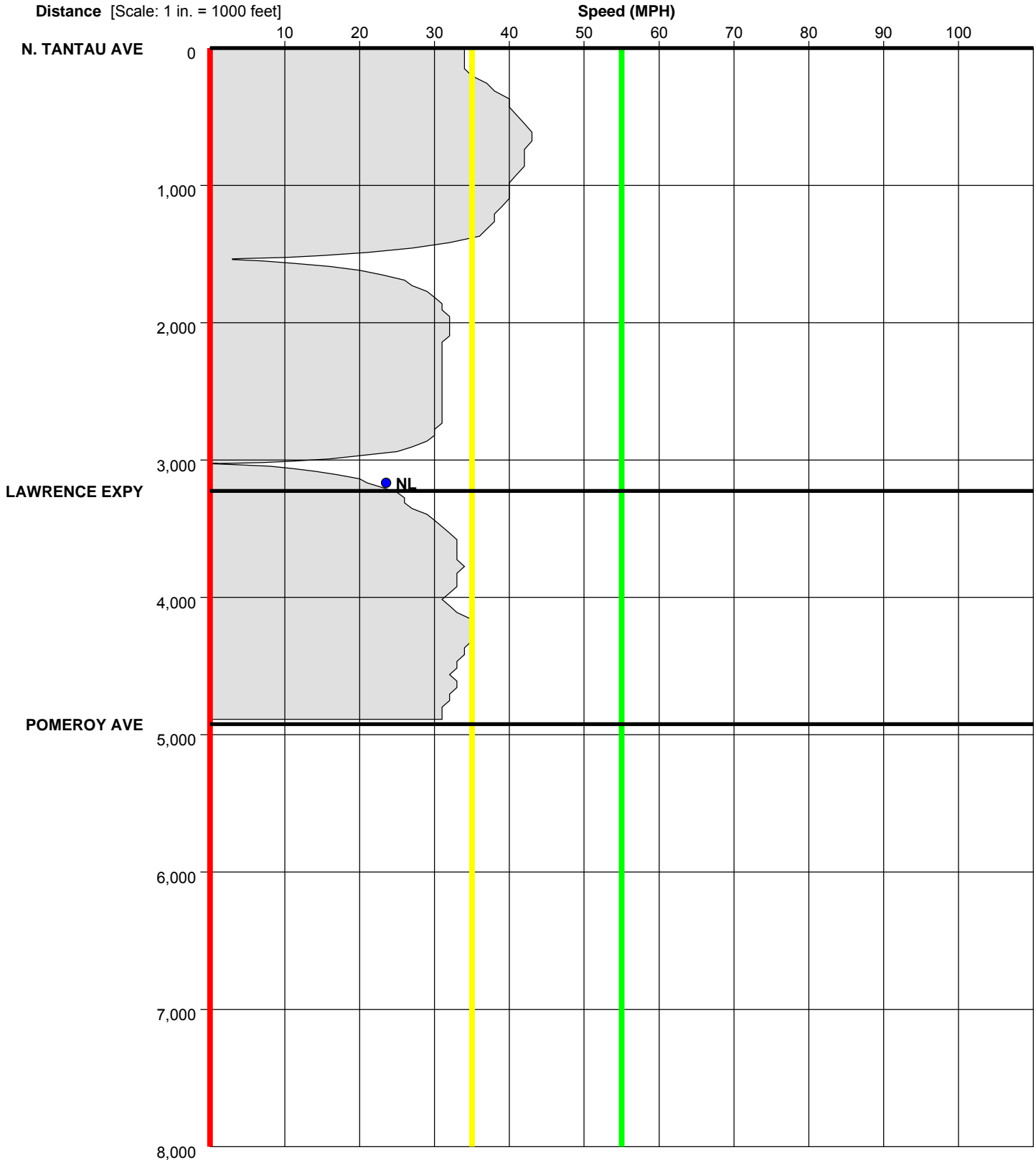


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 14

## Speed Profile

Run : 12-7272 PM SAT-EB-002 Start Time: 17:20 (This is a Before Run)

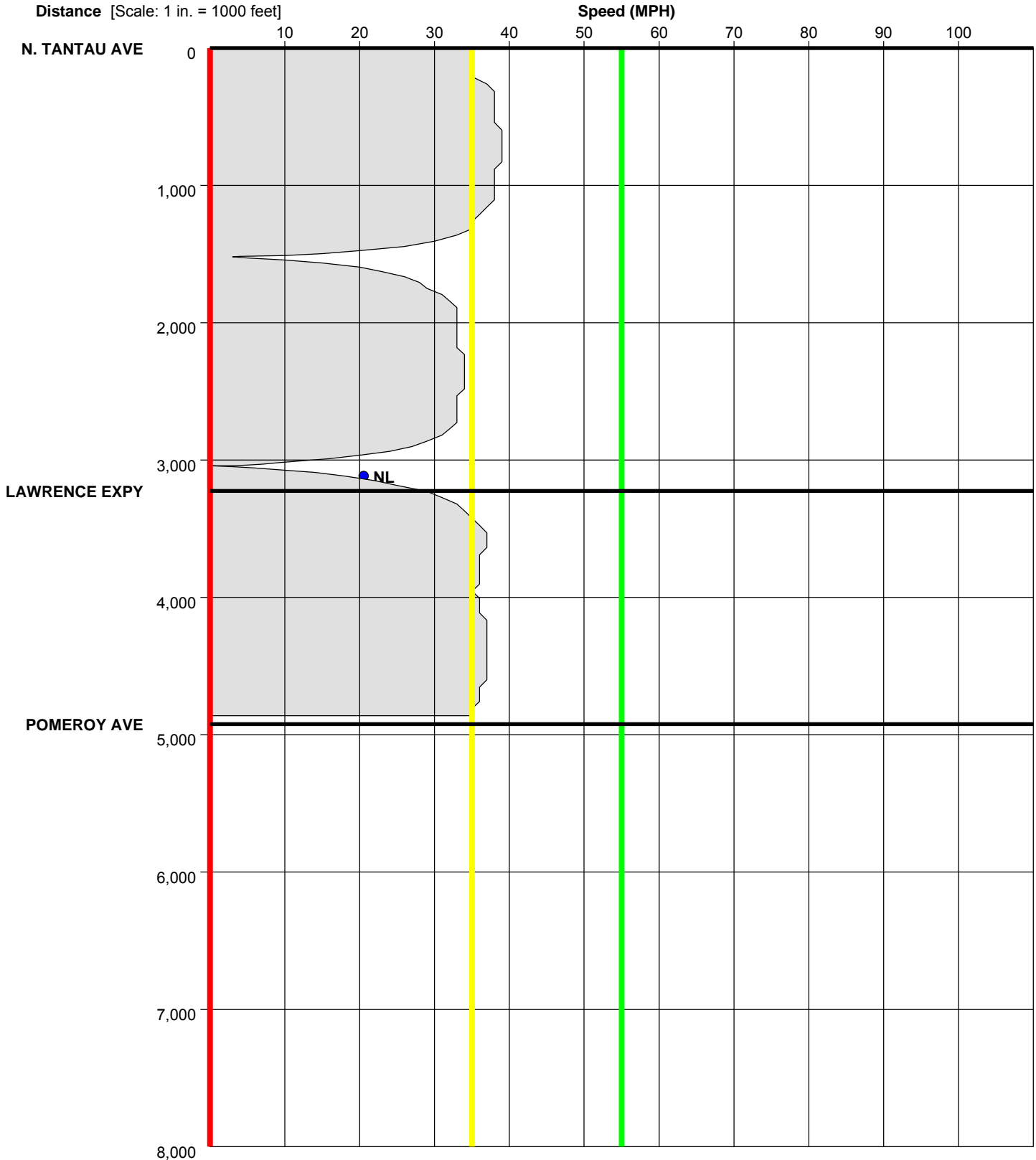


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 PM SAT-EB-003 Start Time: 17:29 (This is a Before Run)

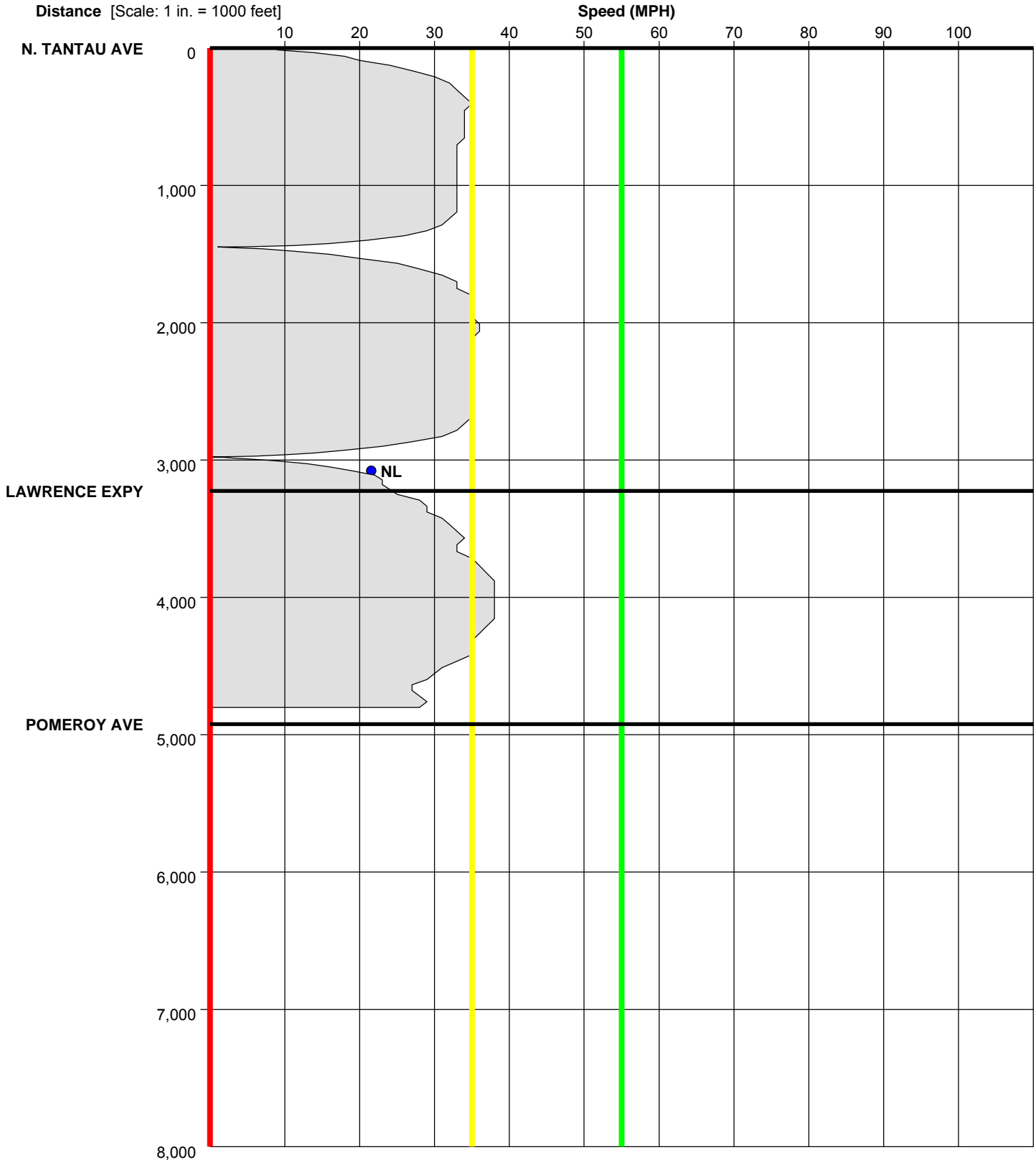


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 PM SAT-EB-004 Start Time: 17:35 (This is a Before Run)

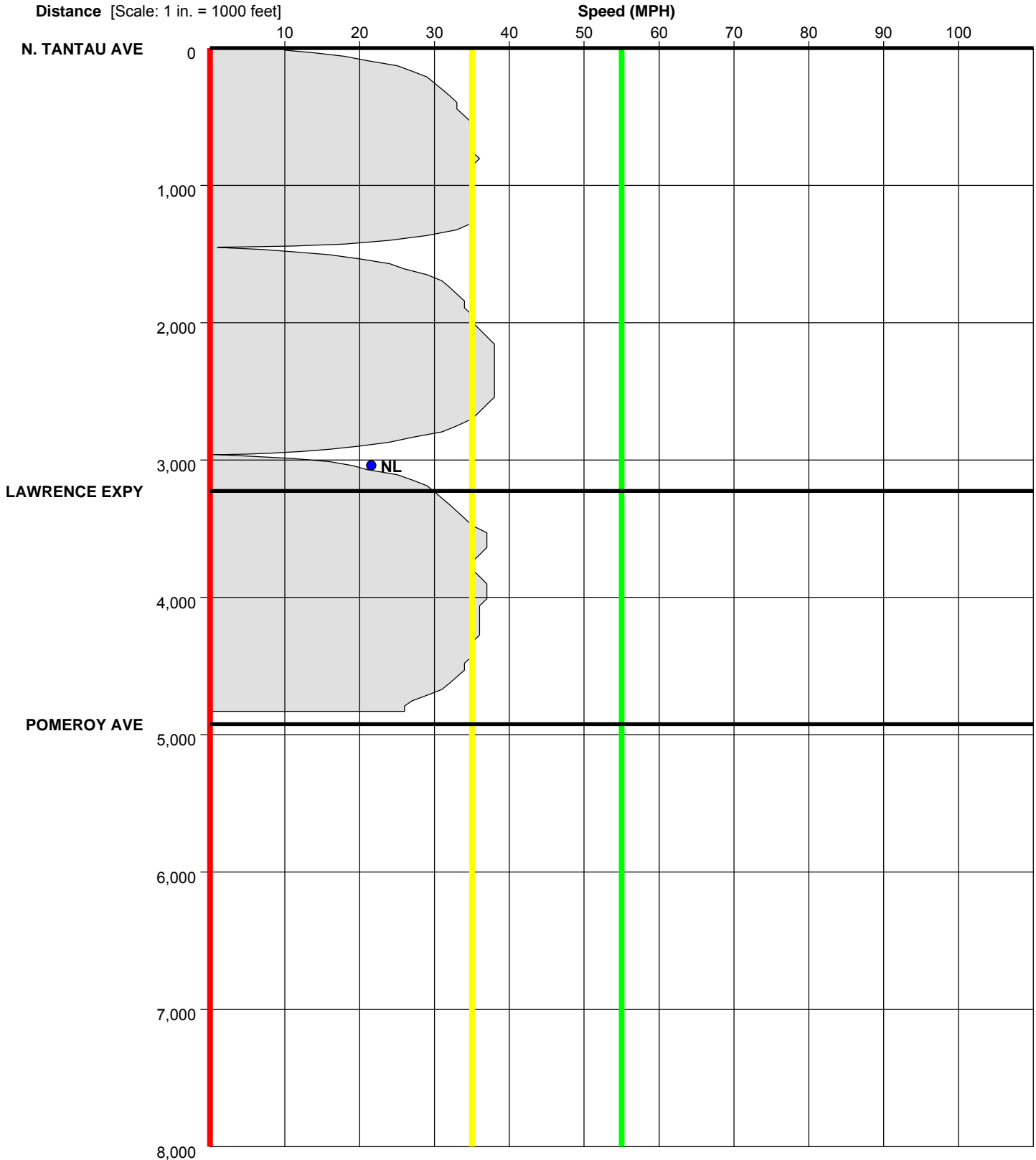


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 PM SAT-EB-005 Start Time: 17:44 (This is a Before Run)



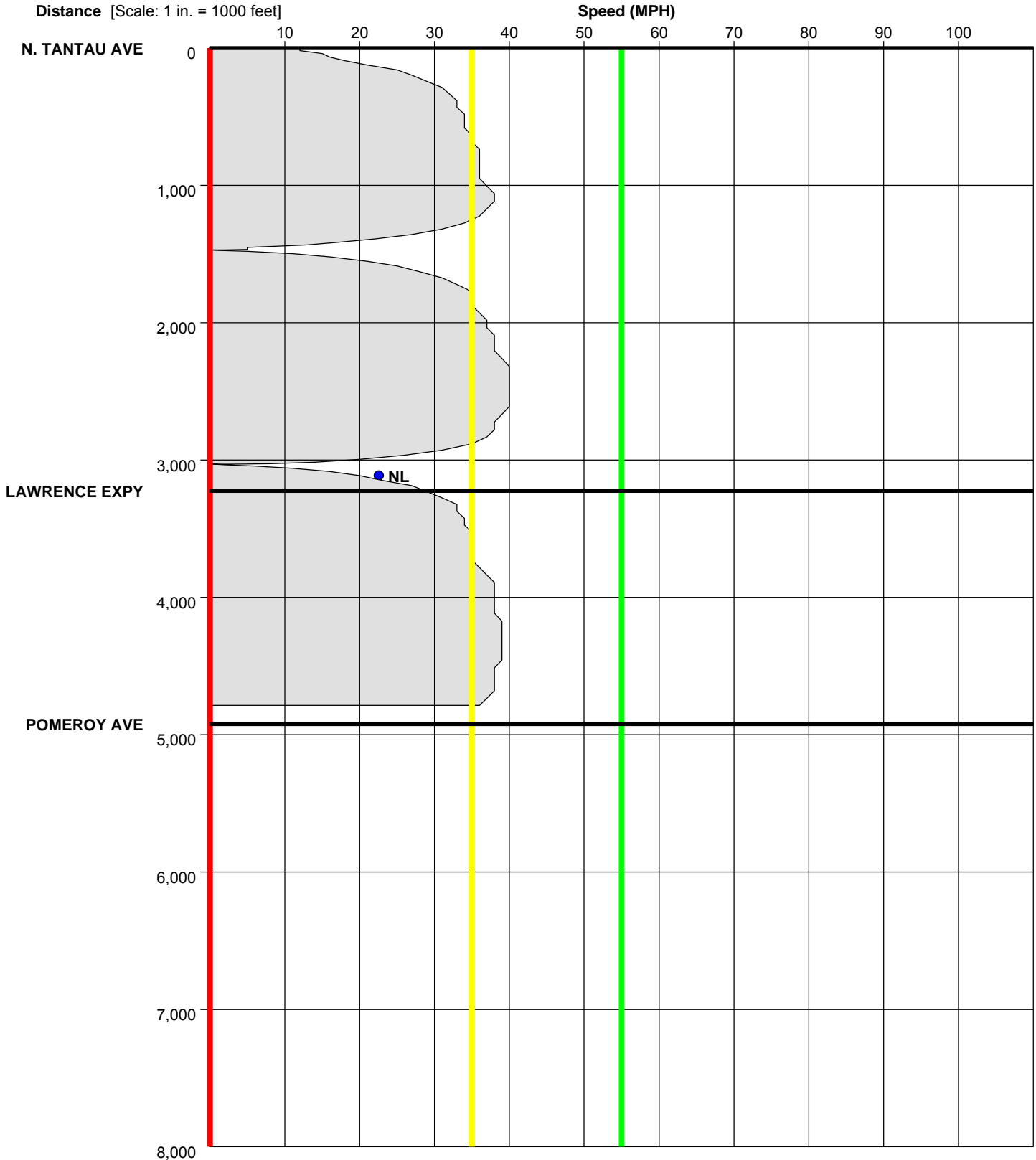


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 PM SAT-EB-006 Start Time: 17:50 (This is a Before Run)

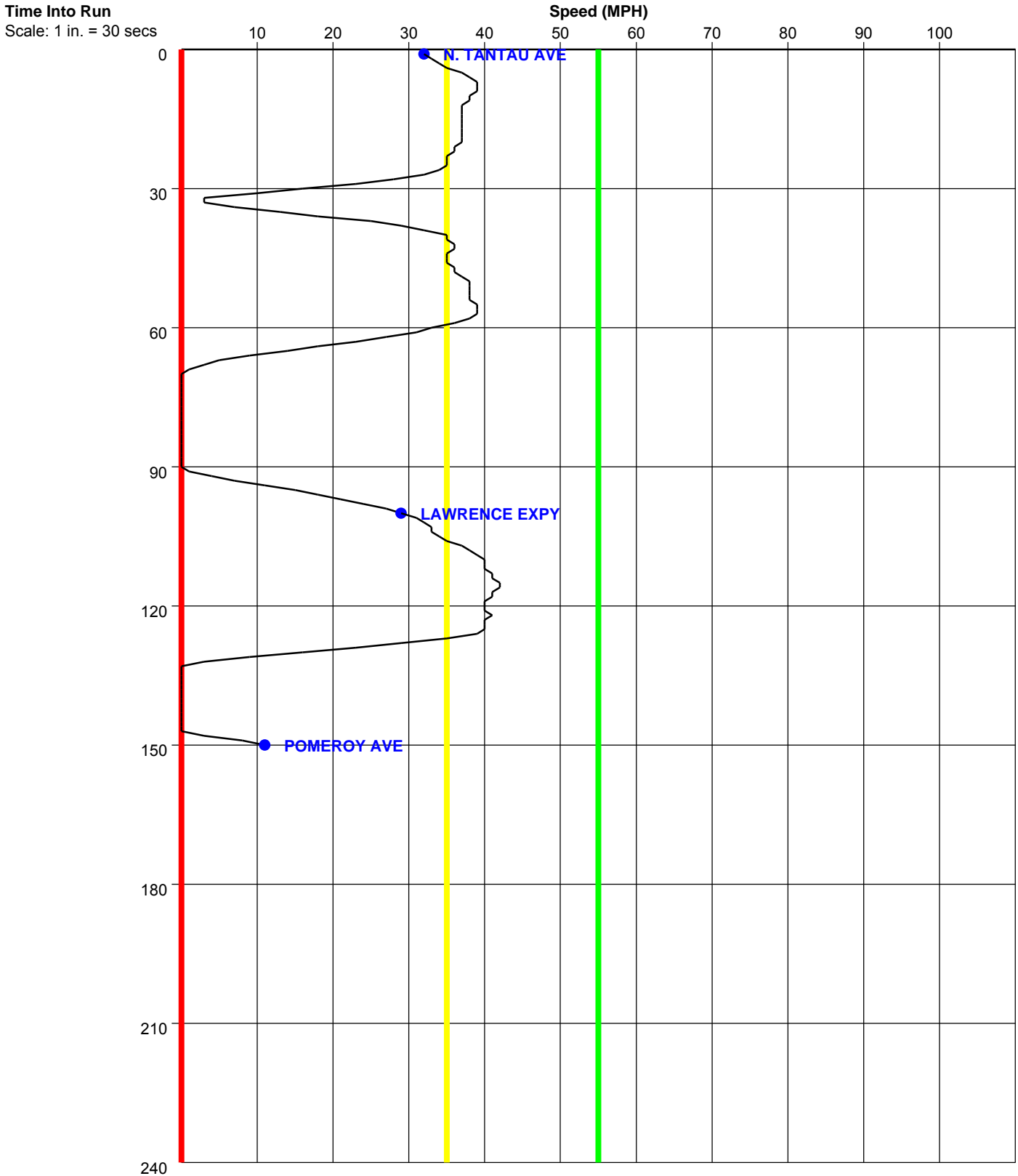


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-001 Start Time:17:12 (This is a Before Run)

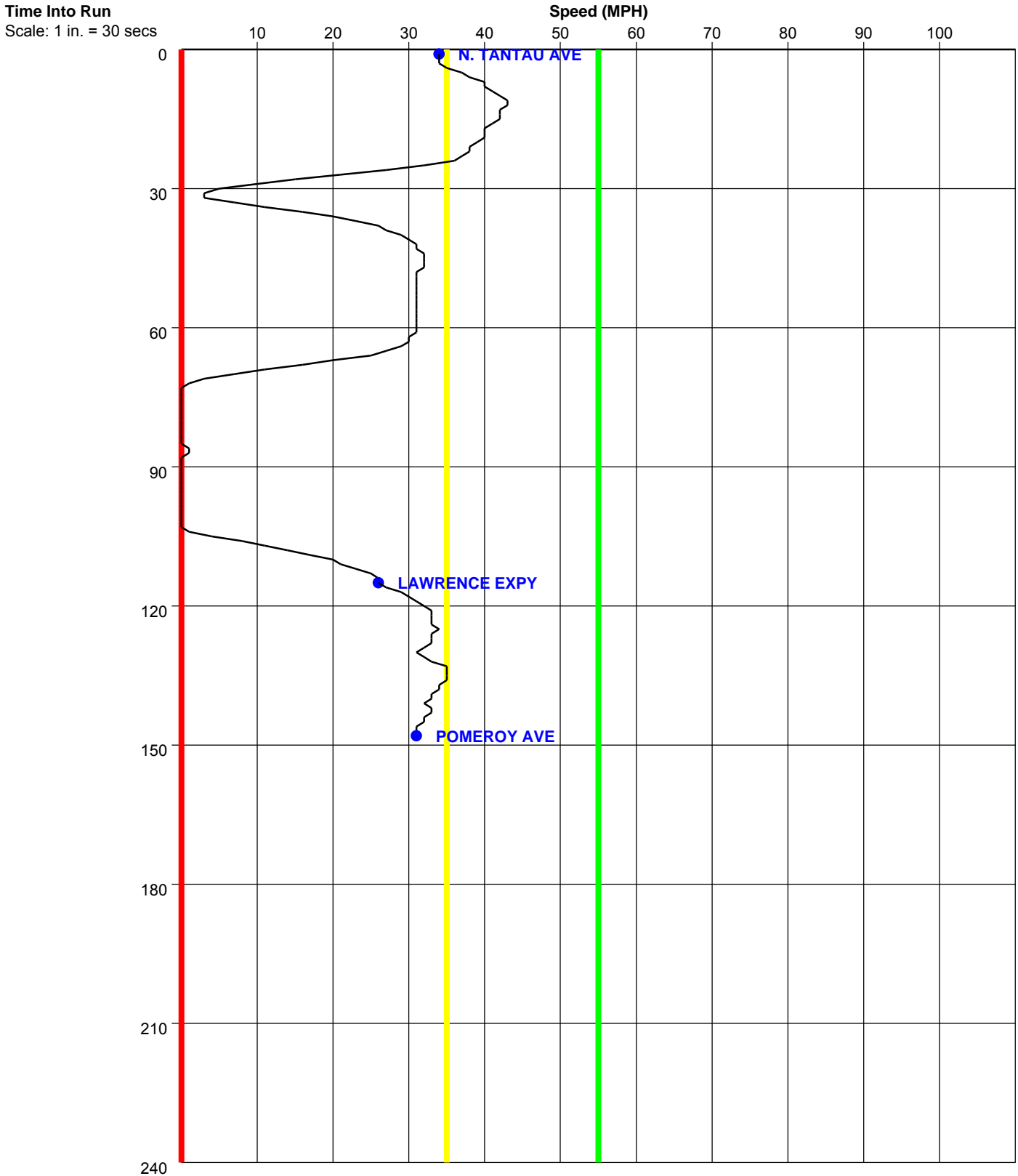


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-002 Start Time:17:20 (This is a Before Run)



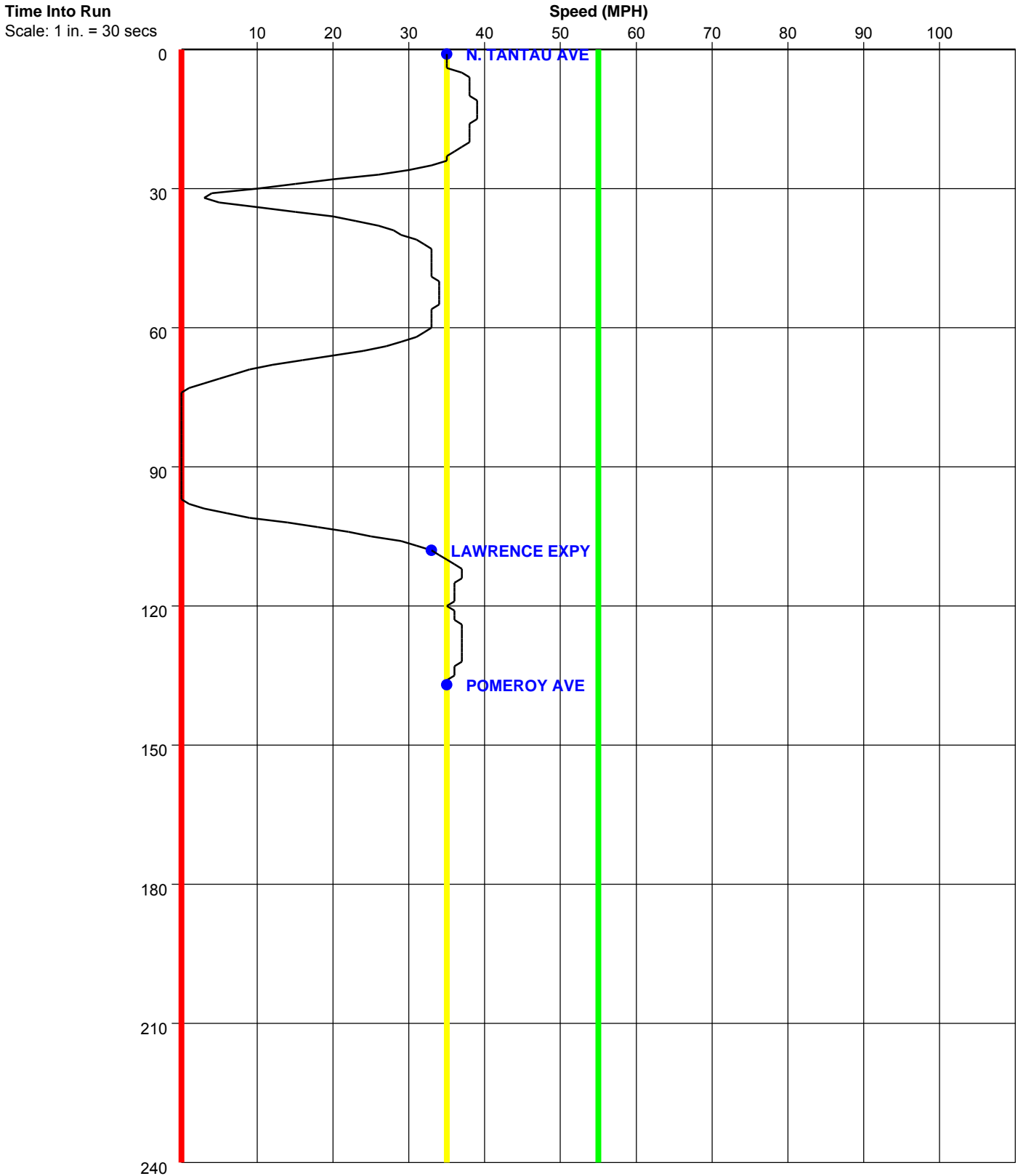
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 21

### Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-003 Start Time:17:29 (This is a Before Run)

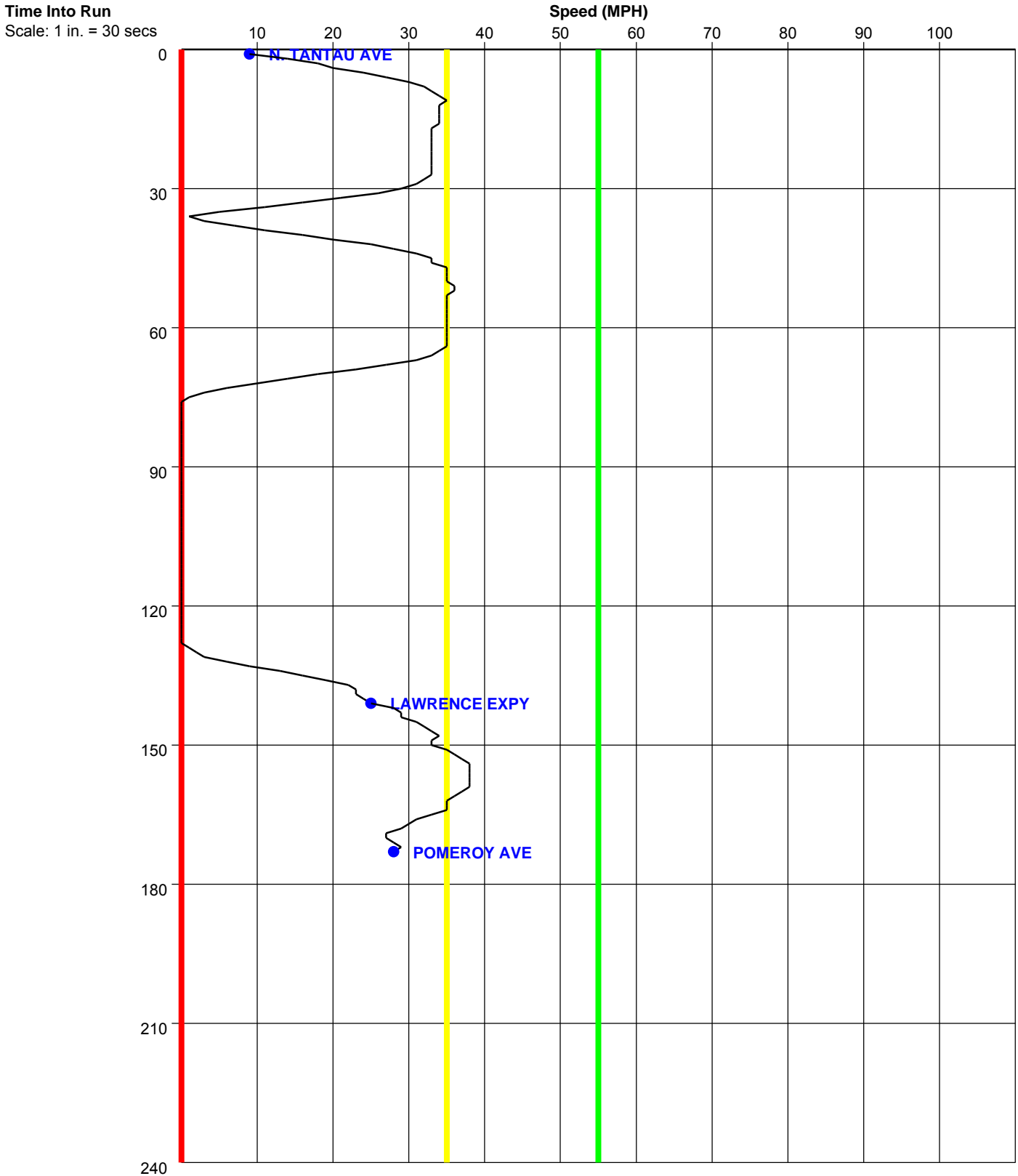


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 22

## Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-004 Start Time:17:35 (This is a Before Run)

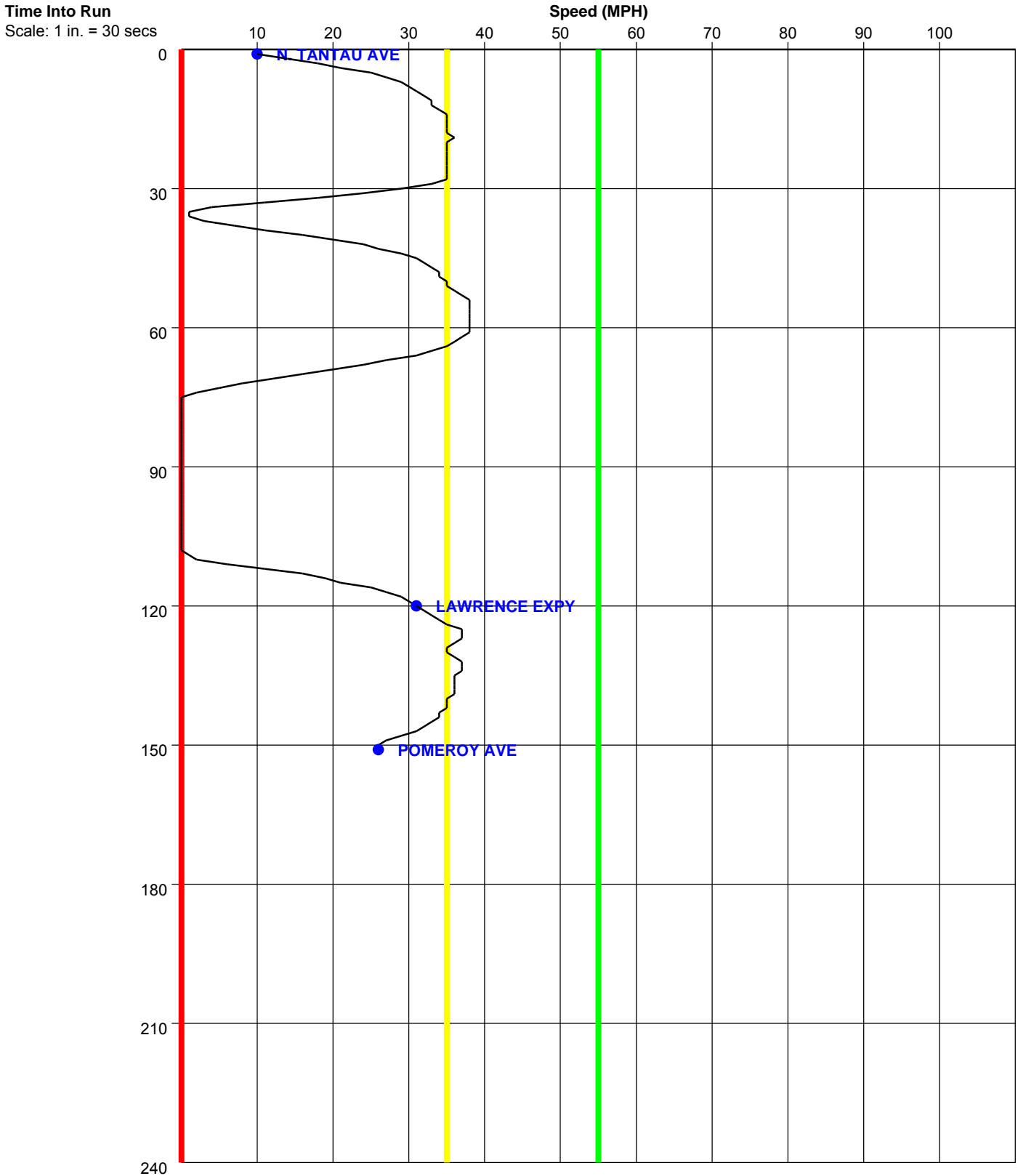


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 23

## Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-005 Start Time:17:44 (This is a Before Run)

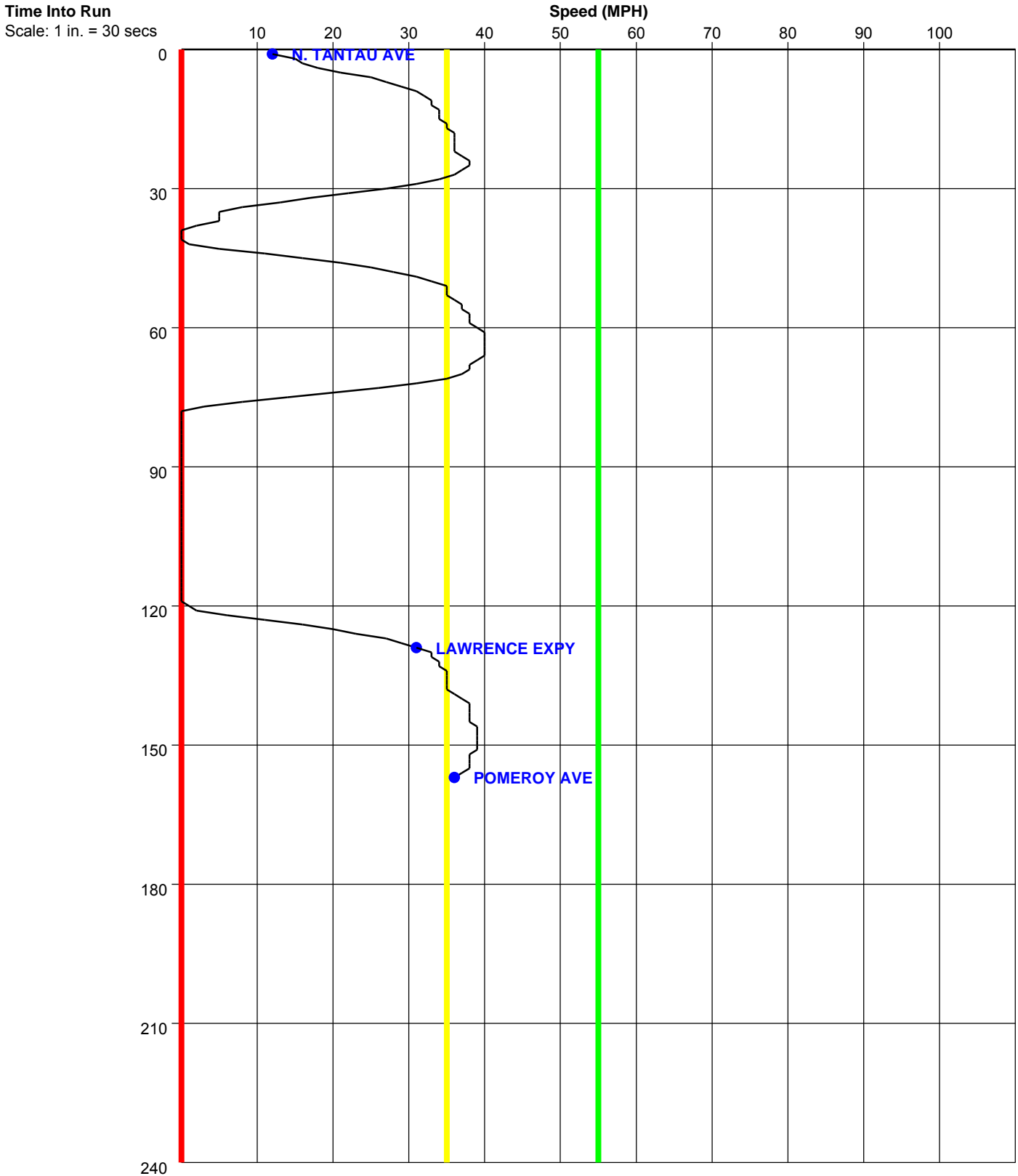


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE EB PM SAT  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 PM SAT-EB-006 Start Time:17:50 (This is a Before Run)



**ATD**  
Pruneridge Ave

***PC-Travel Reports for study: PRUNERIDGE AVE WB PM SAT***

<b><u>Report Name</u></b>	<b><u>Page</u></b>
Study Summary .....	2
Overall Output Statistics .....	3
Detailed Statistics By Run - Travel Times .....	4
Detailed Statistics By Run - Stops .....	5
Detailed Statistics By Run - Average Speed .....	6
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Detailed Statistics By Run - Time <= 0 MPH .....	8
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Speed Profile (Distance vs Spd) for 12-7272 PM SAT-WB-001 .....	13
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-WB-002 .....	14
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-WB-003 .....	15
Speed Profile (Distance vs Spd) for 12-7272 PM SAT-WB-004 .....	16
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Speed Profile (Time vs Spd) for 12-7272 PM SAT-WB-001 .....	19
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Speed Profile (Time vs Spd) for 12-7272 PM SAT-WB-003 .....	21
Speed Profile (Time vs Spd) for 12-7272 PM SAT-WB-004 .....	22
Speed Profile (Time vs Spd) for 12-7272 PM SAT-WB-005 .....	23
Speed Profile (Time vs Spd) for 12-7272 PM SAT-WB-006 .....	24



# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
 Study Date : 6/14/2012  
 Page No. : 2

### Study Summary

#### Runs Used in This Study

Run Title	Start Date	Start Time	Length	Before/After	Run Type
12-7272 PM SAT-WB-001	06/09/12	17:08	4843	Before	Primary
12-7272 PM SAT-WB-002	06/09/12	17:16	4839	Before	Primary
12-7272 PM SAT-WB-003	06/09/12	17:24	4981	Before	Primary
12-7272 PM SAT-WB-004	06/09/12	17:32	4849	Before	Primary
12-7272 PM SAT-WB-005	06/09/12	17:39	4839	Before	Primary
12-7272 PM SAT-WB-006	06/09/12	17:48	4984	Before	Primary

#### Node Info

#	Len	Name
1	0	POMEROY AVE
2	1897	LAWRENCE EXPY
3	2998	N. TANTAU AVE

Length of Study Route = 4,895 feet

#### Notes:

# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT

Study Date : 6/14/2012

Page No. : 3

### Overall Output Statistics

Node #	Length	Node	Travel Time	# of Stops	Avg Speed	Total Delay	Time <= 0 MPH	Time <= 35 MPH	Time <= 55 MPH
1	0	POMEROY AVE							
2	1897	LAWRENCE EXPY	85.0	0.7	15.2	52.5	36.0	78.3	85.0
3	2998	N. TANTAU AVE	77.7	1.8	26.3	26.8	2.2	60.7	77.0
<b>Total</b>	<b>4,895</b>		<b>162.7</b>	<b>2.5</b>	<b>20.5</b>	<b>79.3</b>	<b>38.2</b>	<b>139.0</b>	<b>162.0</b>

Stats based on 6 BEFORE runs.

Stops based on a Stop Speed of 5 MPH.

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **4**

### Detailed Statistics By Run

#### Travel Time (sec) by Section

*12-7272 PM SAT-WB-001*  
*12-7272 PM SAT-WB-002*  
*12-7272 PM SAT-WB-003*  
*12-7272 PM SAT-WB-004*  
*12-7272 PM SAT-WB-005*  
*12-7272 PM SAT-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	64	81	139	38	148	40
3	2998	N. TANTAU AVE	88	91	74	68	72	73
Totals	4895		152	172	213	106	220	113

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **5**

### Detailed Statistics By Run

#### Number of Stops by Section

12-7272 PM SAT-WB-001  
 12-7272 PM SAT-WB-002  
 12-7272 PM SAT-WB-003  
 12-7272 PM SAT-WB-004  
 12-7272 PM SAT-WB-005  
 12-7272 PM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	1	1	1	0	1	0
3	2998	N. TANTAU AVE	2	4	1	1	2	1
<b>Totals</b>	<b>4895</b>		<b>3</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>1</b>

Stops based on a Stop Speed of 5 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **6**

### Detailed Statistics By Run

#### Average Speed (MPH) by Section

12-7272 PM SAT-WB-001  
 12-7272 PM SAT-WB-002  
 12-7272 PM SAT-WB-003  
 12-7272 PM SAT-WB-004  
 12-7272 PM SAT-WB-005  
 12-7272 PM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	20.6	16.1	9.3	33.8	8.7	33.1
3	2998	N. TANTAU AVE	22.7	22.1	27.7	30.0	28.2	27.6
<b>Totals</b>	<b>4895</b>		<b>21.8</b>	<b>19.3</b>	<b>15.7</b>	<b>31.4</b>	<b>15.0</b>	<b>29.5</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **7**

### Detailed Statistics By Run

#### Total Delay (sec) by Section

12-7272 PM SAT-WB-001  
 12-7272 PM SAT-WB-002  
 12-7272 PM SAT-WB-003  
 12-7272 PM SAT-WB-004  
 12-7272 PM SAT-WB-005  
 12-7272 PM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	31	48	107	6	116	7
3	2998	N. TANTAU AVE	37	40	23	17	22	22
<b>Totals</b>	<b>4895</b>		<b>68</b>	<b>88</b>	<b>130</b>	<b>23</b>	<b>138</b>	<b>29</b>

Total Delay based on a Normal Speed of 40 MPH.

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **8**

### Detailed Statistics By Run

#### Time Below 0 MPH by Section

12-7272 PM SAT-WB-001  
 12-7272 PM SAT-WB-002  
 12-7272 PM SAT-WB-003  
 12-7272 PM SAT-WB-004  
 12-7272 PM SAT-WB-005  
 12-7272 PM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	4	29	88	0	95	0
3	2998	N. TANTAU AVE	10	3	0	0	0	0
<b>Totals</b>	<b>4895</b>		<b>14</b>	<b>32</b>	<b>88</b>	<b>0</b>	<b>95</b>	<b>0</b>

# ATD

## Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
 Study Date : **6/14/2012**  
 Page No. : **9**

### Detailed Statistics By Run

#### Time Below 35 MPH by Section

12-7272 PM SAT-WB-001  
 12-7272 PM SAT-WB-002  
 12-7272 PM SAT-WB-003  
 12-7272 PM SAT-WB-004  
 12-7272 PM SAT-WB-005  
 12-7272 PM SAT-WB-006

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	64	61	137	26	146	36
3	2998	N. TANTAU AVE	72	90	68	32	50	52
<b>Totals</b>	<b>4895</b>		<b>136</b>	<b>151</b>	<b>205</b>	<b>58</b>	<b>196</b>	<b>88</b>



**ATD**  
Pruneridge Ave

Study Name : **PRUNERIDGE AVE WB PM SAT**  
Study Date : **6/14/2012**  
Page No. : **10**

**Detailed Statistics By Run**

**Time Below 55 MPH by Section**

*12-7272 PM SAT-WB-001*  
*12-7272 PM SAT-WB-002*  
*12-7272 PM SAT-WB-003*  
*12-7272 PM SAT-WB-004*  
*12-7272 PM SAT-WB-005*  
*12-7272 PM SAT-WB-006*

Node #	Length	Node Name	Run #1	Run #2	Run #3	Run #4	Run #5	Run #6
1	0	POMEROY AVE						
2	1897	LAWRENCE EXPY	64	81	139	38	148	40
3	2998	N. TANTAU AVE	87	90	74	67	71	73
<b>Totals</b>	<b>4895</b>		<b>151</b>	<b>171</b>	<b>213</b>	<b>105</b>	<b>219</b>	<b>113</b>

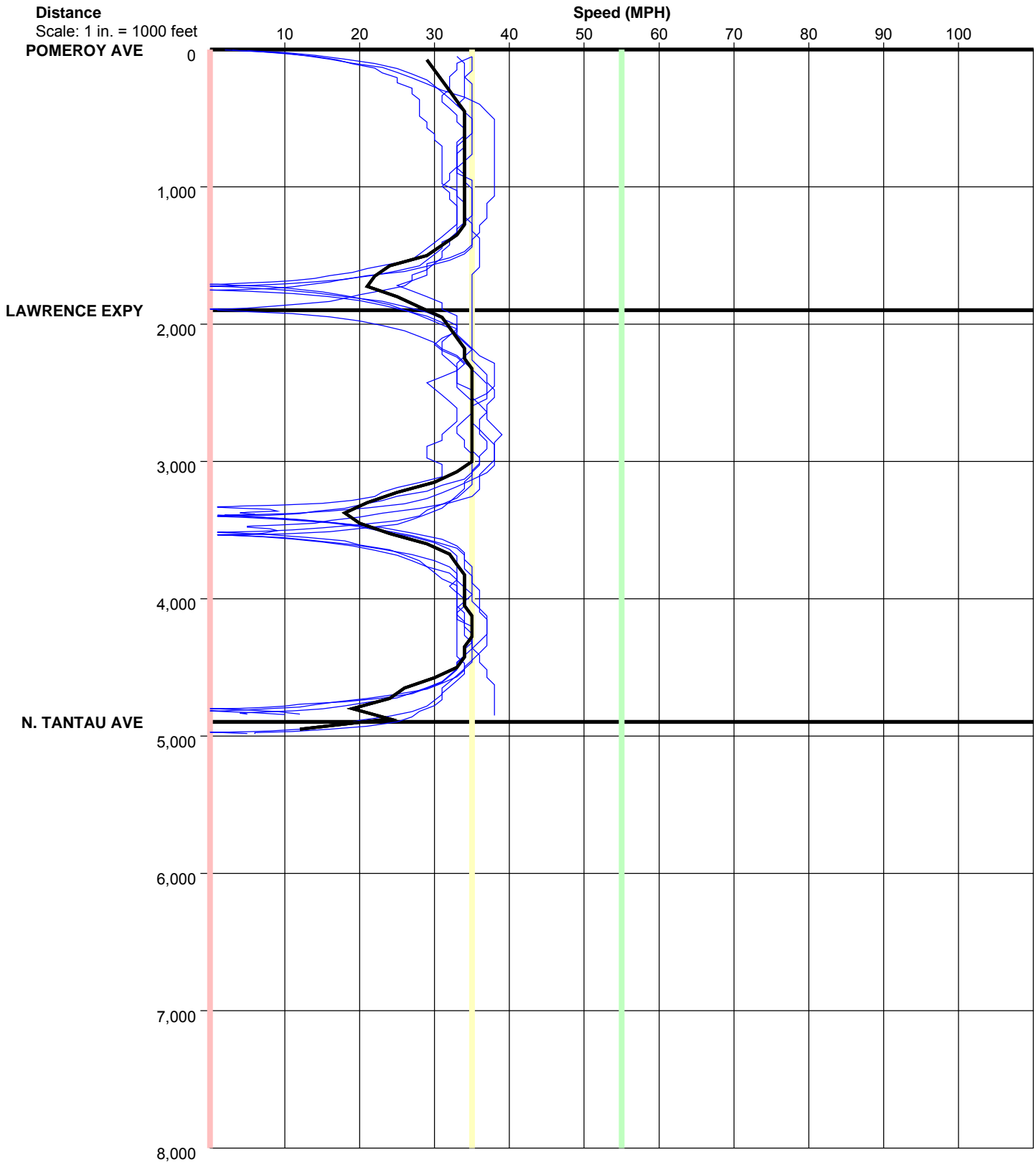
# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT

Study Date : 6/14/2012

Page No. : 11

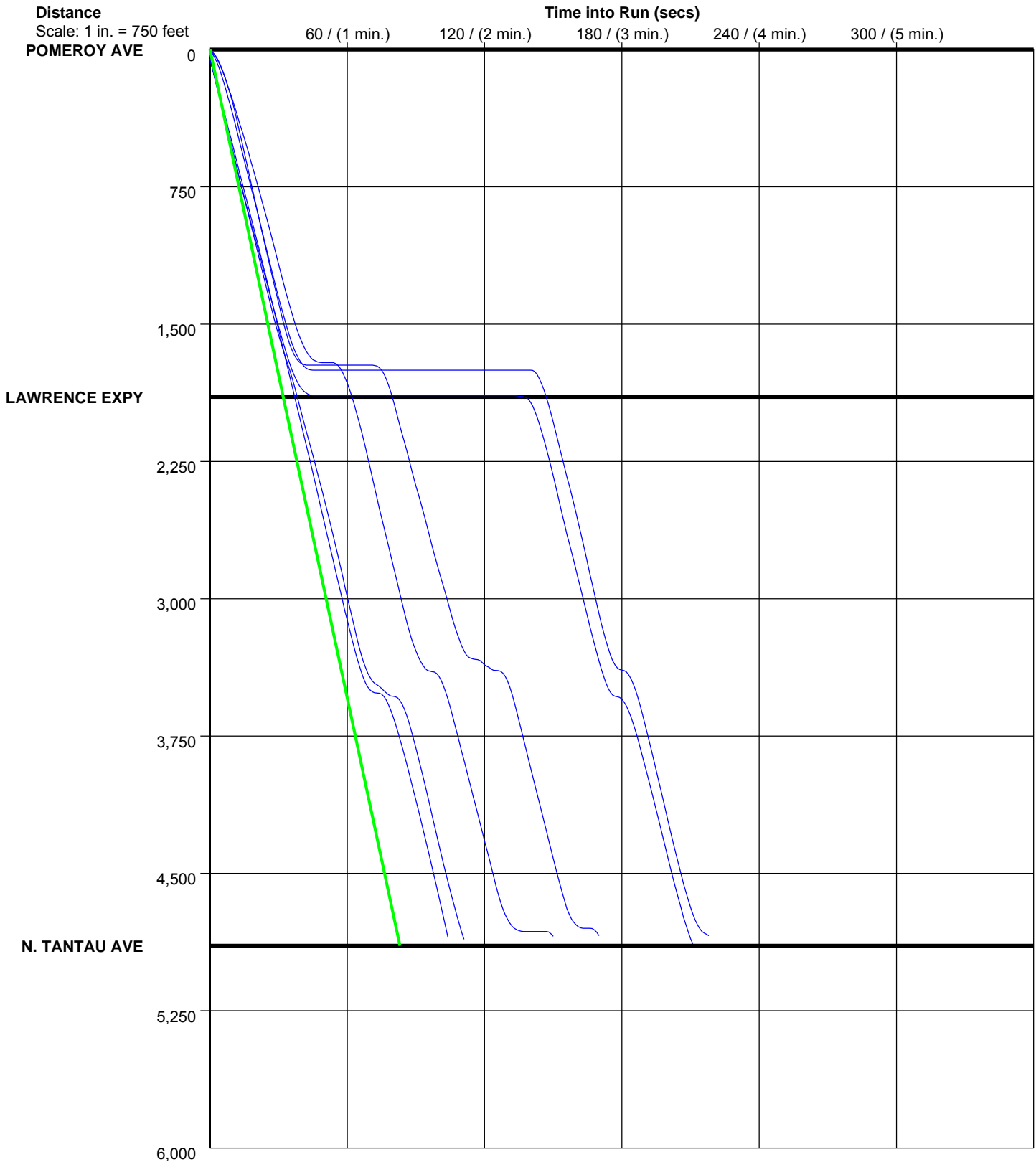
## Speed/Distance Profiles of All Runs



# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 12

## Time/Space Trajectories of All Runs



Solid Line is Normal Speed of 40 MPH

# ATD Pruneridge Ave

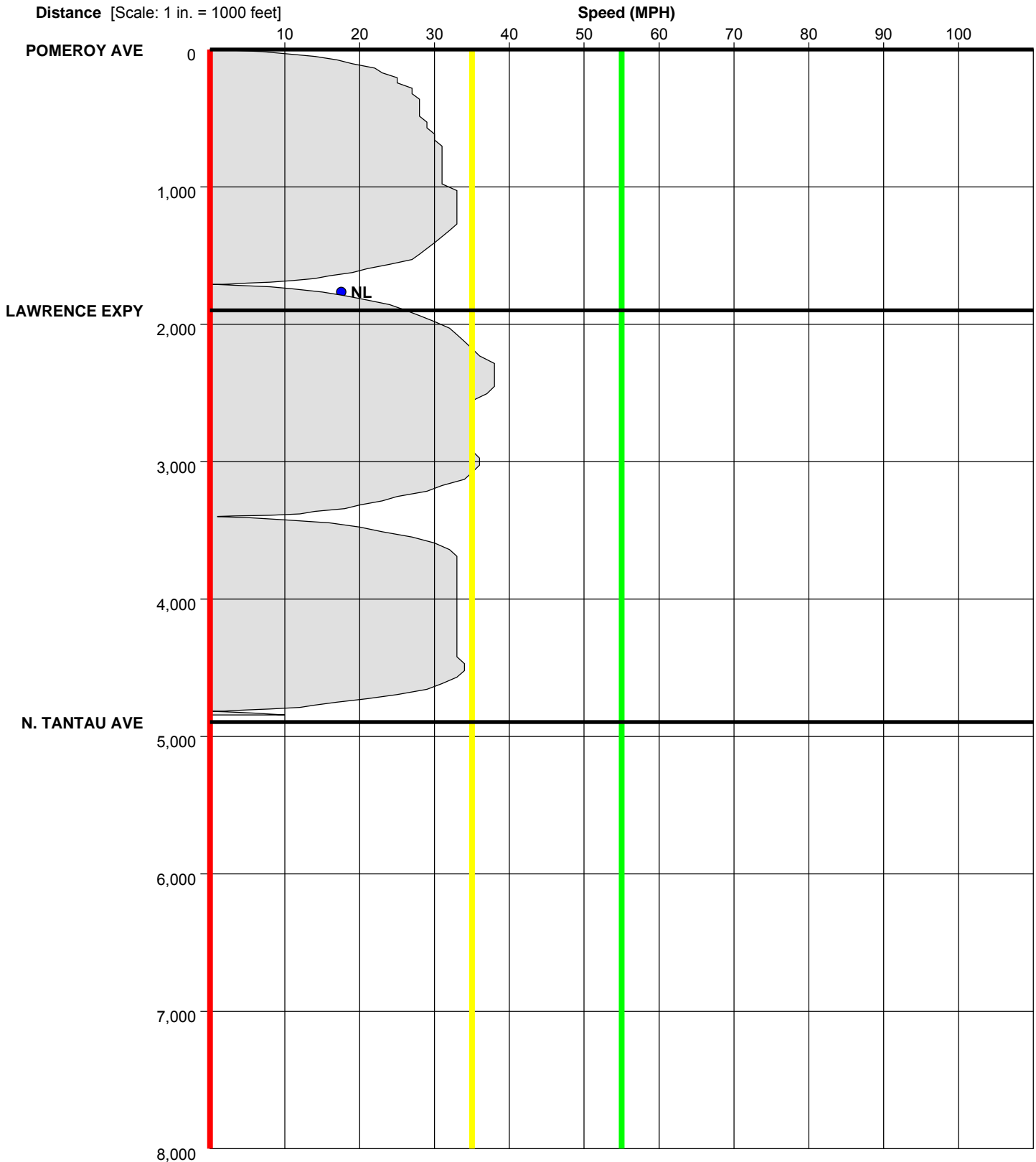
Study Name : PRUNERIDGE AVE WB PM SAT

Study Date : 6/14/2012

Page No. : 13

## Speed Profile

Run : 12-7272 PM SAT-WB-001 Start Time: 17:08 (This is a Before Run)



# ATD

## Pruneridge Ave

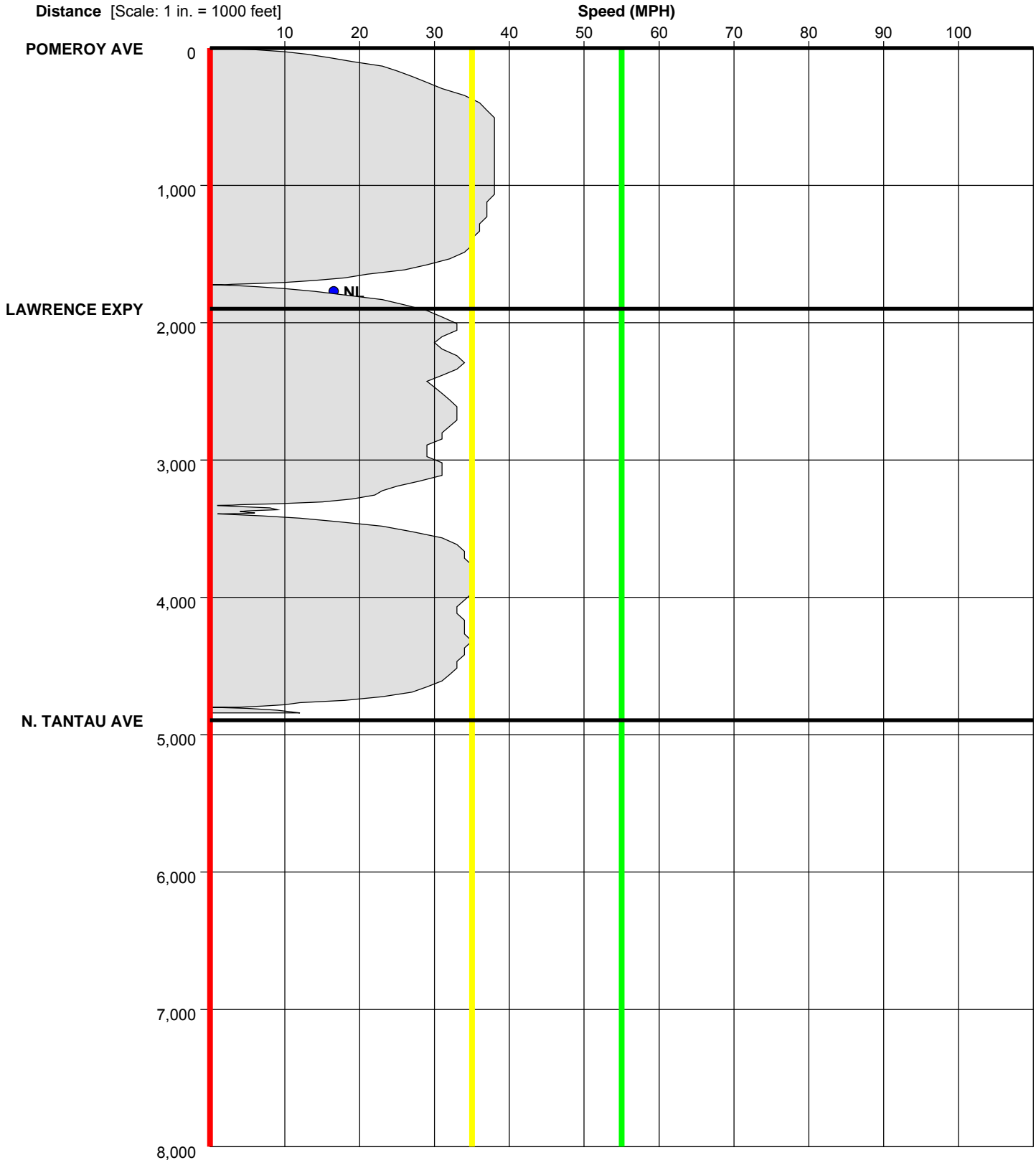
Study Name : PRUNERIDGE AVE WB PM SAT

Study Date : 6/14/2012

Page No. : 14

### Speed Profile

Run : 12-7272 PM SAT-WB-002 Start Time: 17:16 (This is a Before Run)

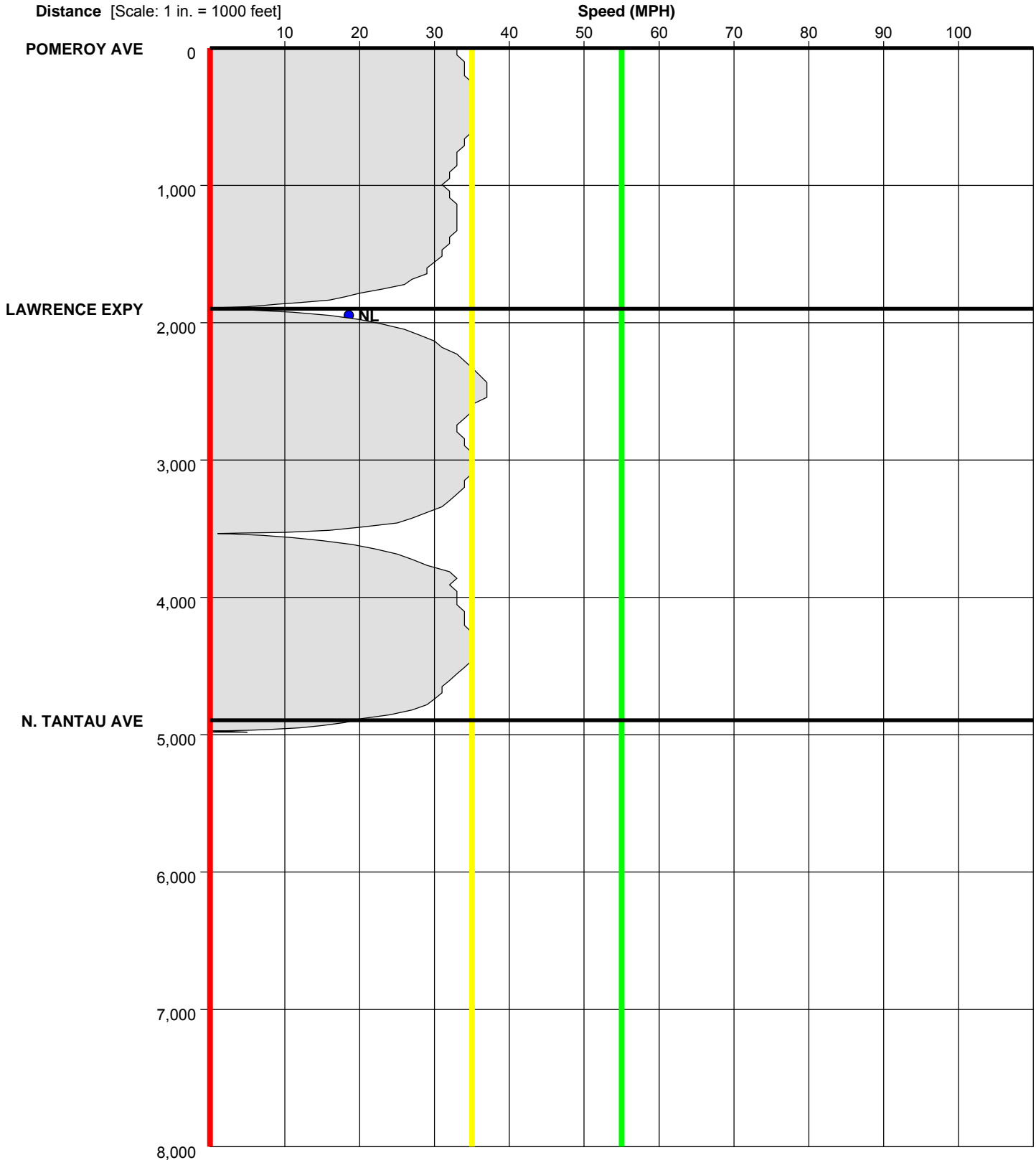


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 15

## Speed Profile

Run : 12-7272 PM SAT-WB-003 Start Time: 17:24 (This is a Before Run)

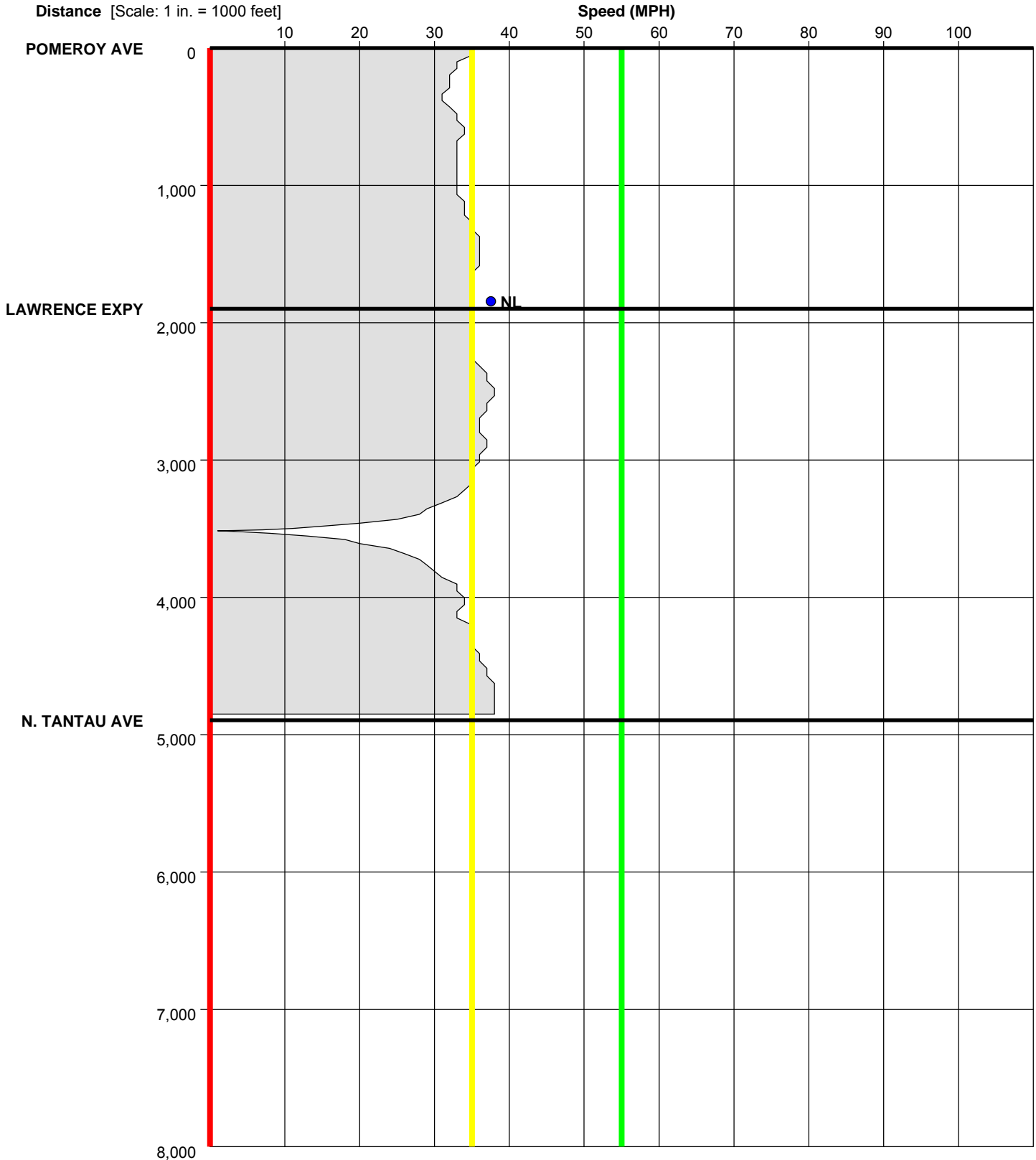


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 16

## Speed Profile

Run : 12-7272 PM SAT-WB-004 Start Time: 17:32 (This is a Before Run)

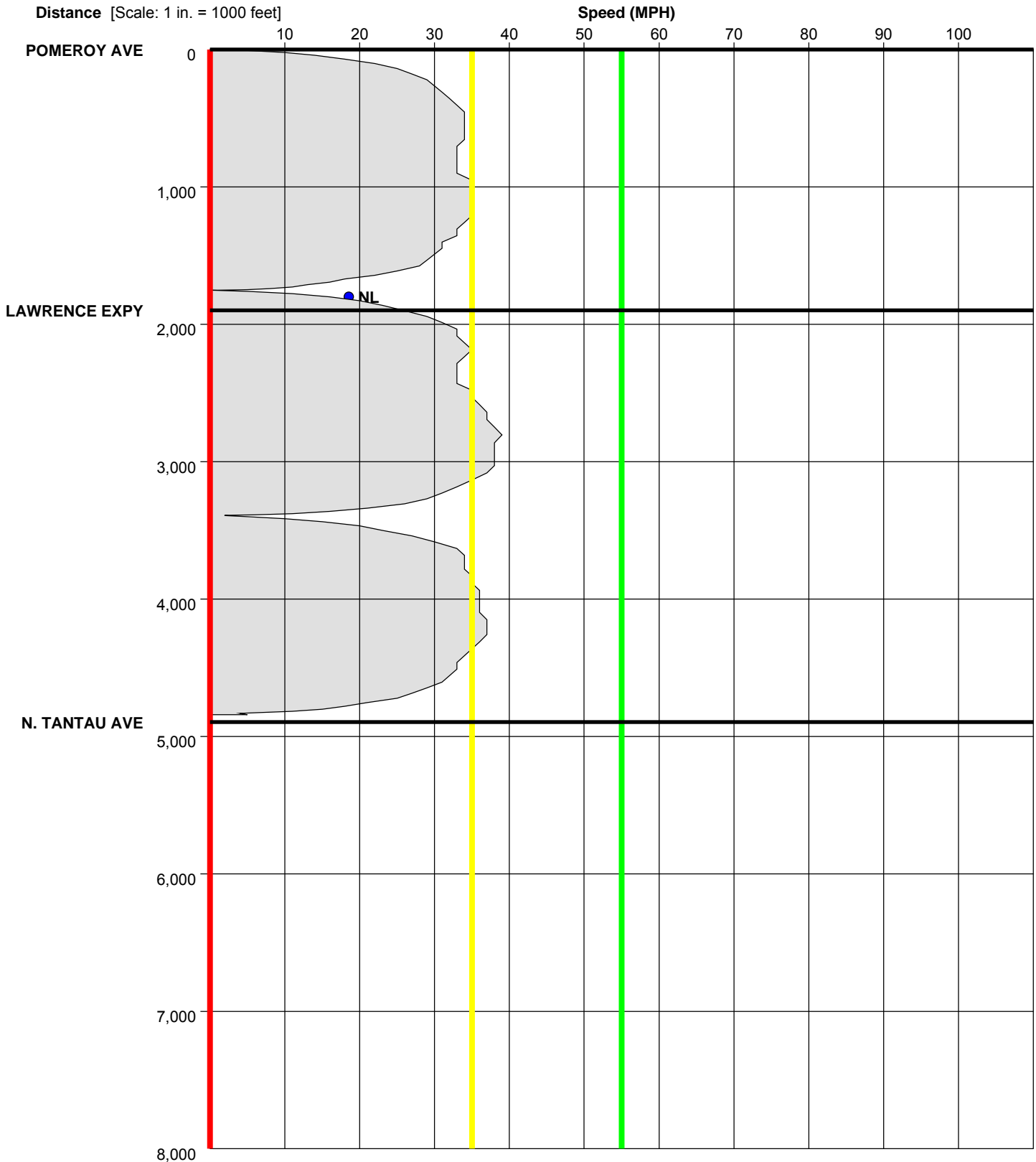


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 17

## Speed Profile

Run : 12-7272 PM SAT-WB-005 Start Time: 17:39 (This is a Before Run)



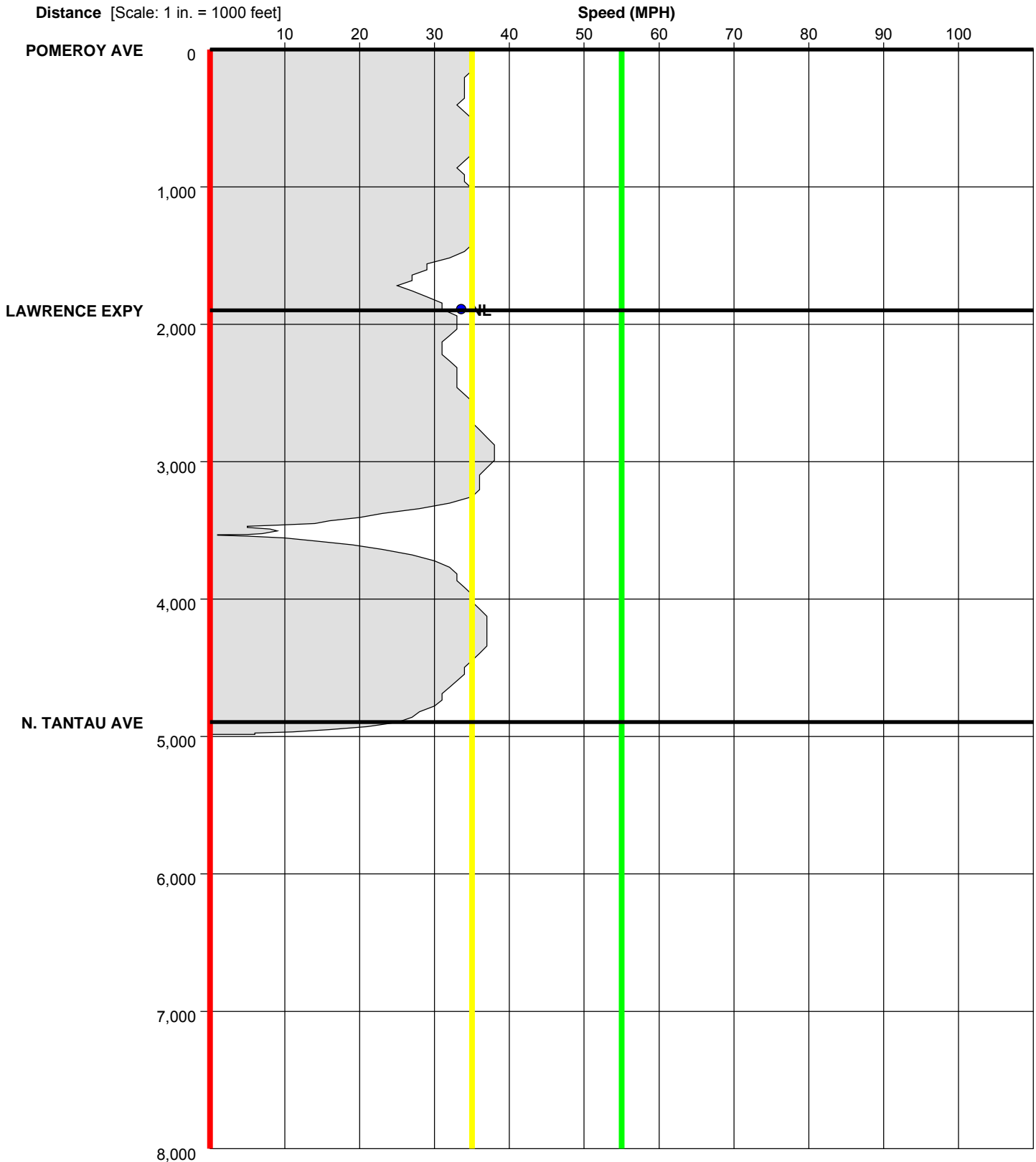


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 18

## Speed Profile

Run : 12-7272 PM SAT-WB-006 Start Time: 17:48 (This is a Before Run)

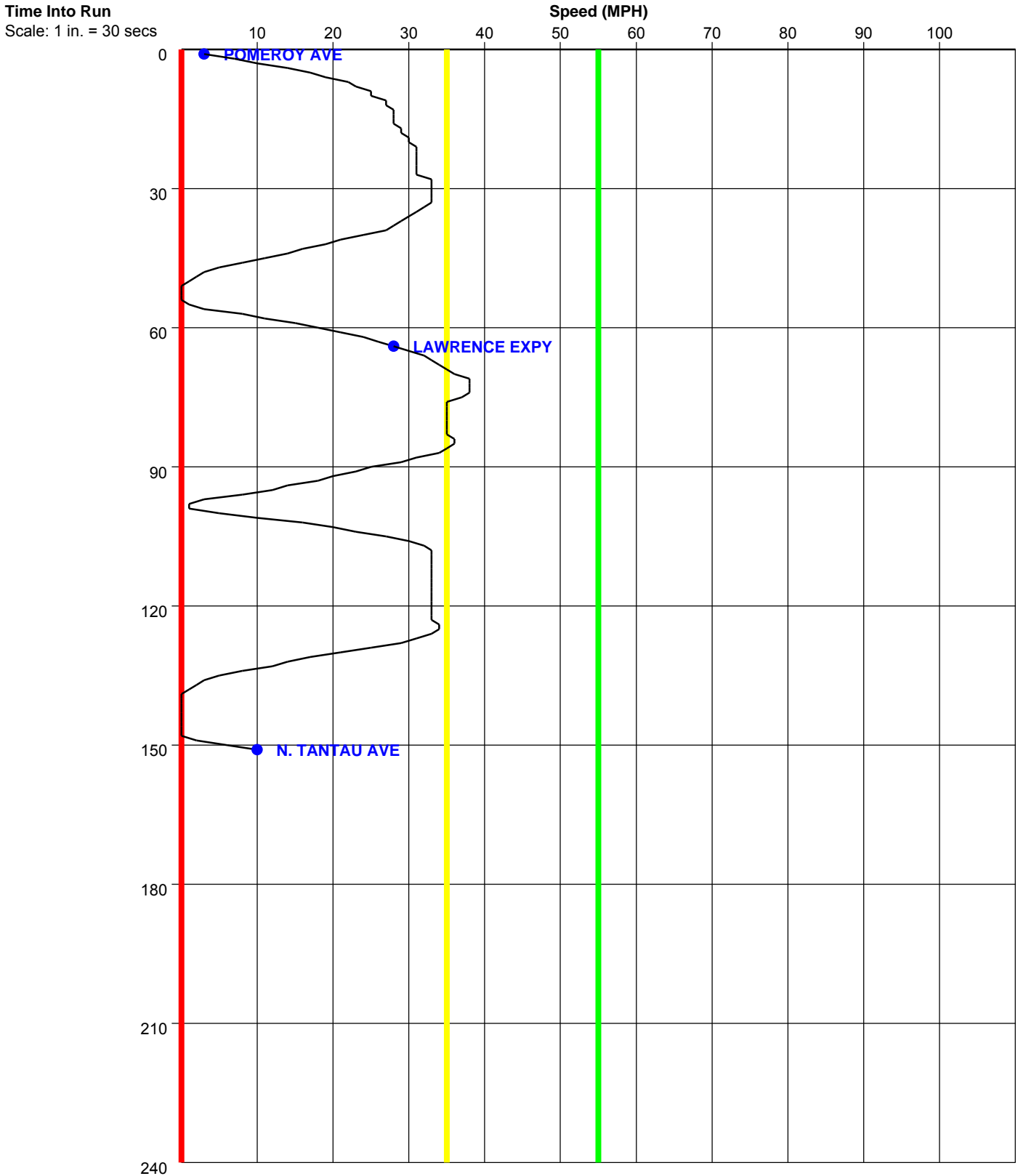


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 19

## Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-001 Start Time:17:08 (This is a Before Run)

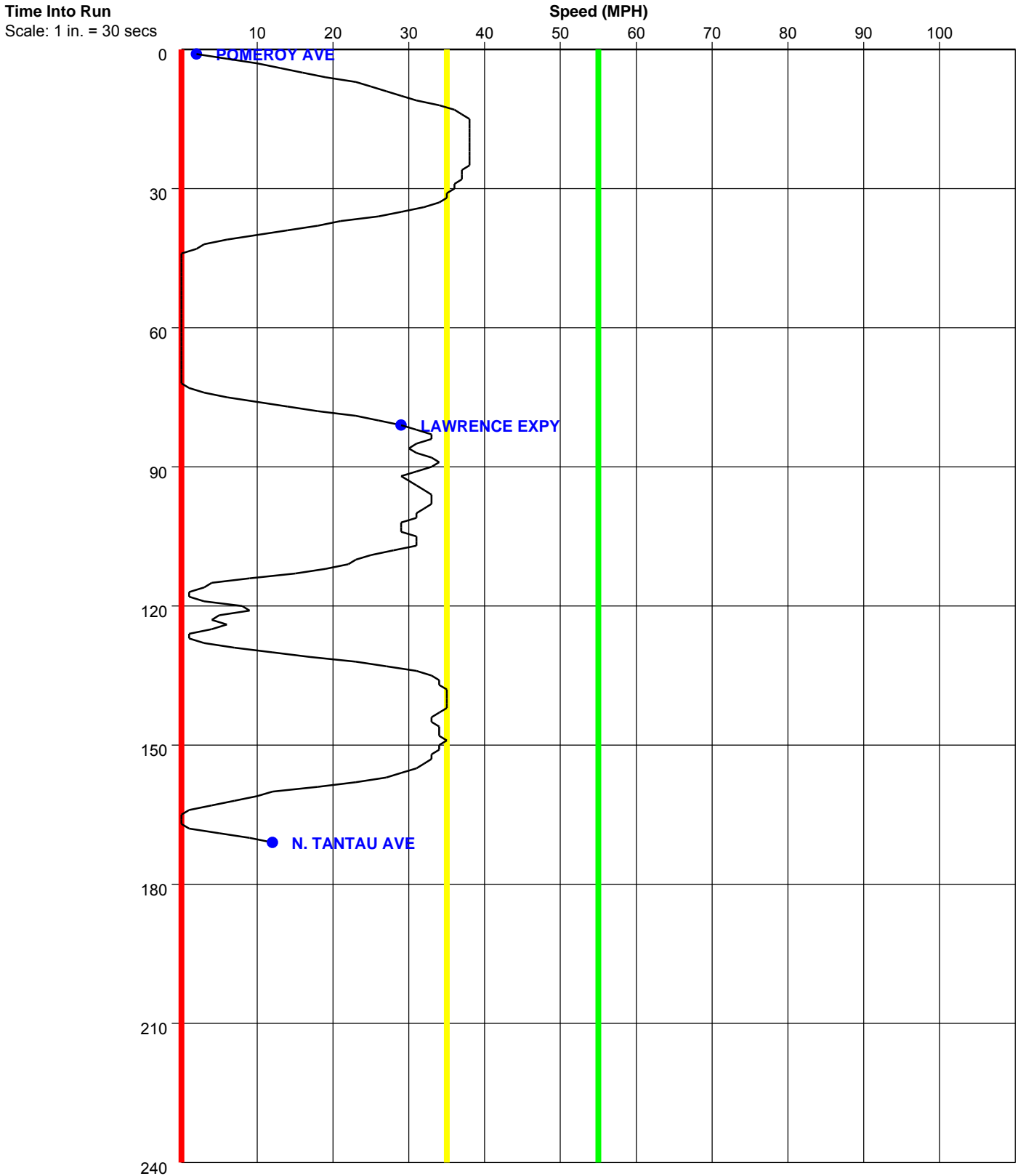


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 20

## Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-002 Start Time:17:16 (This is a Before Run)

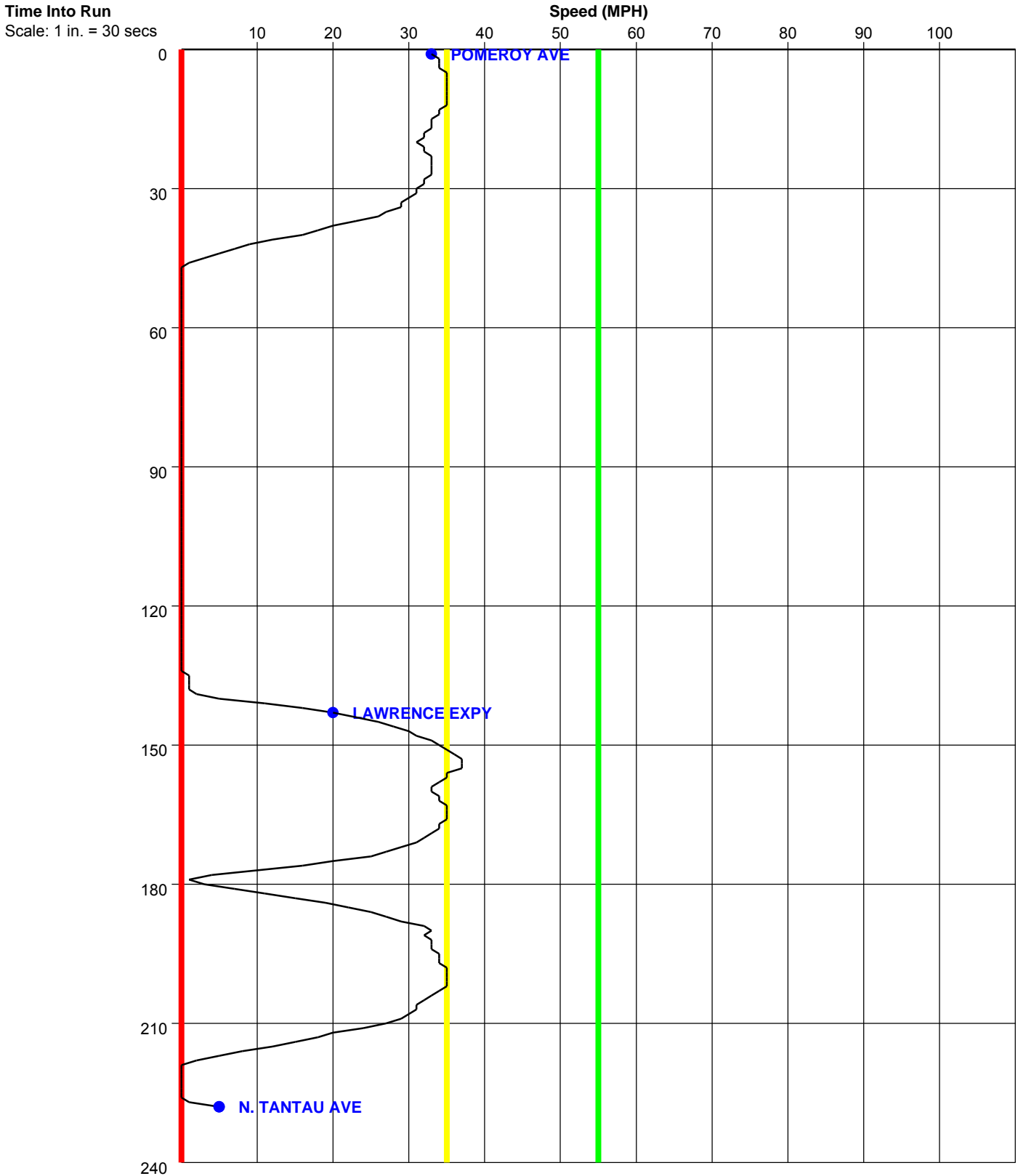


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 21

## Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-003 Start Time:17:24 (This is a Before Run)



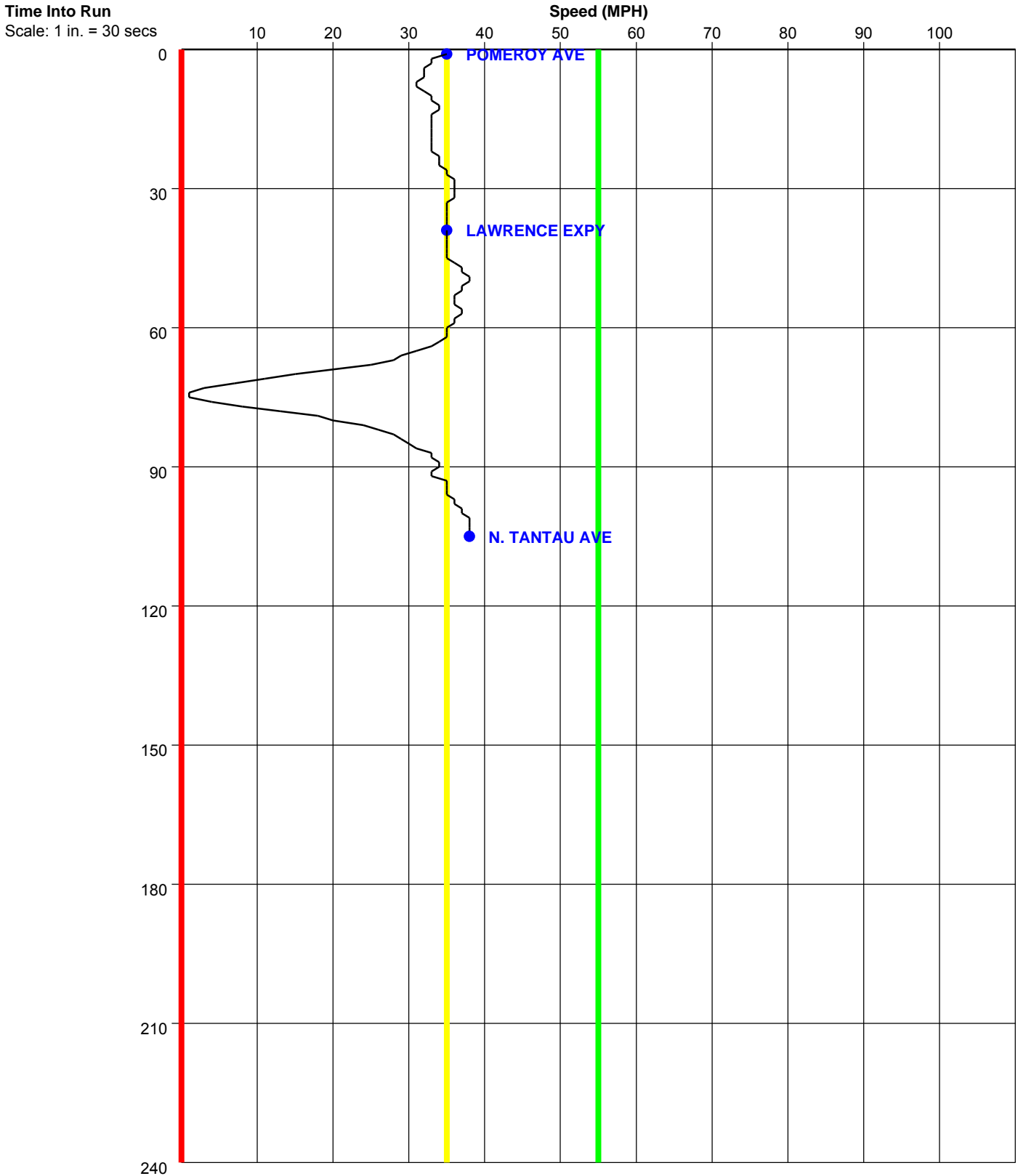
# ATD

## Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 22

### Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-004 Start Time:17:32 (This is a Before Run)

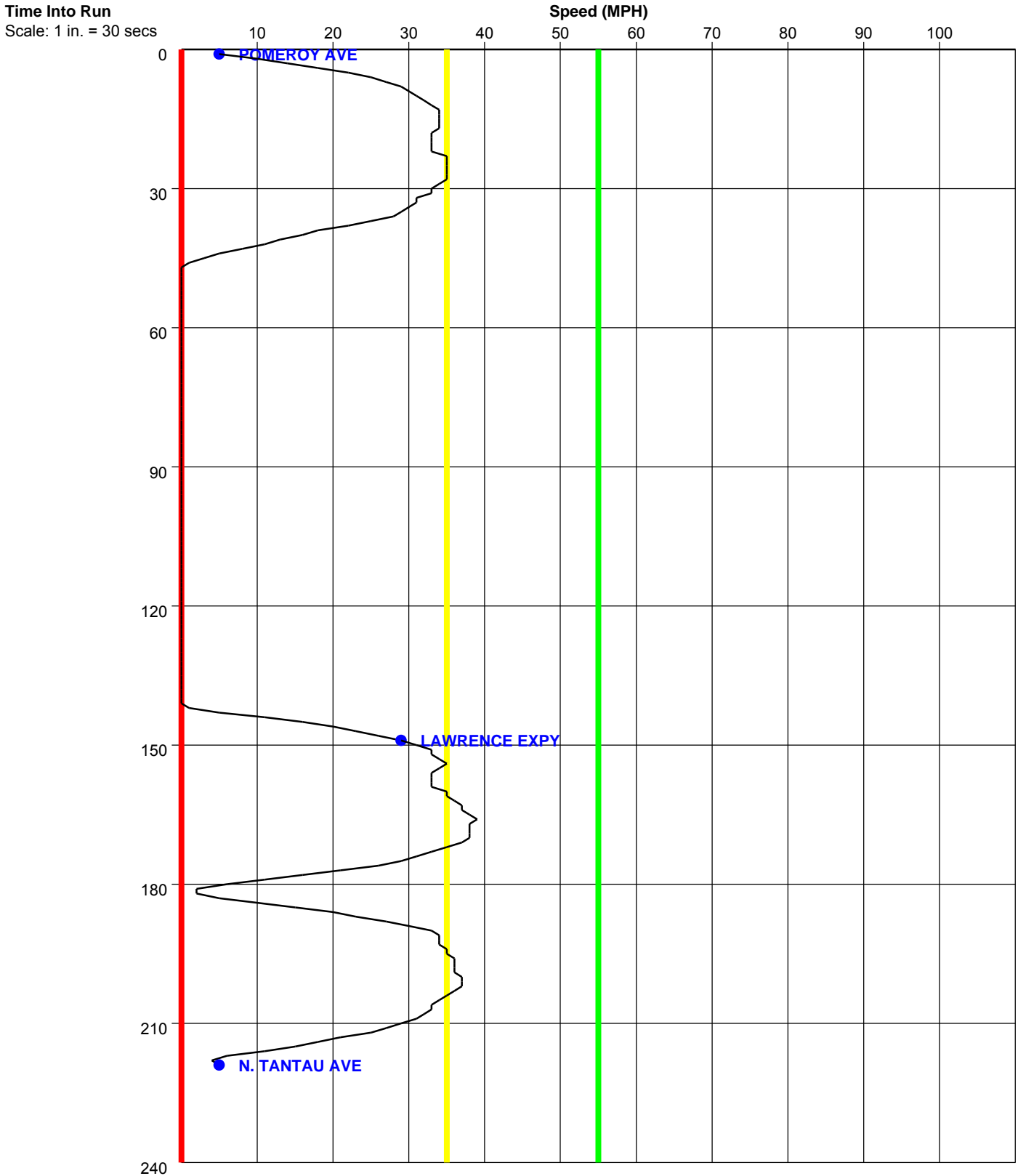


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 23

## Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-005 Start Time:17:39 (This is a Before Run)

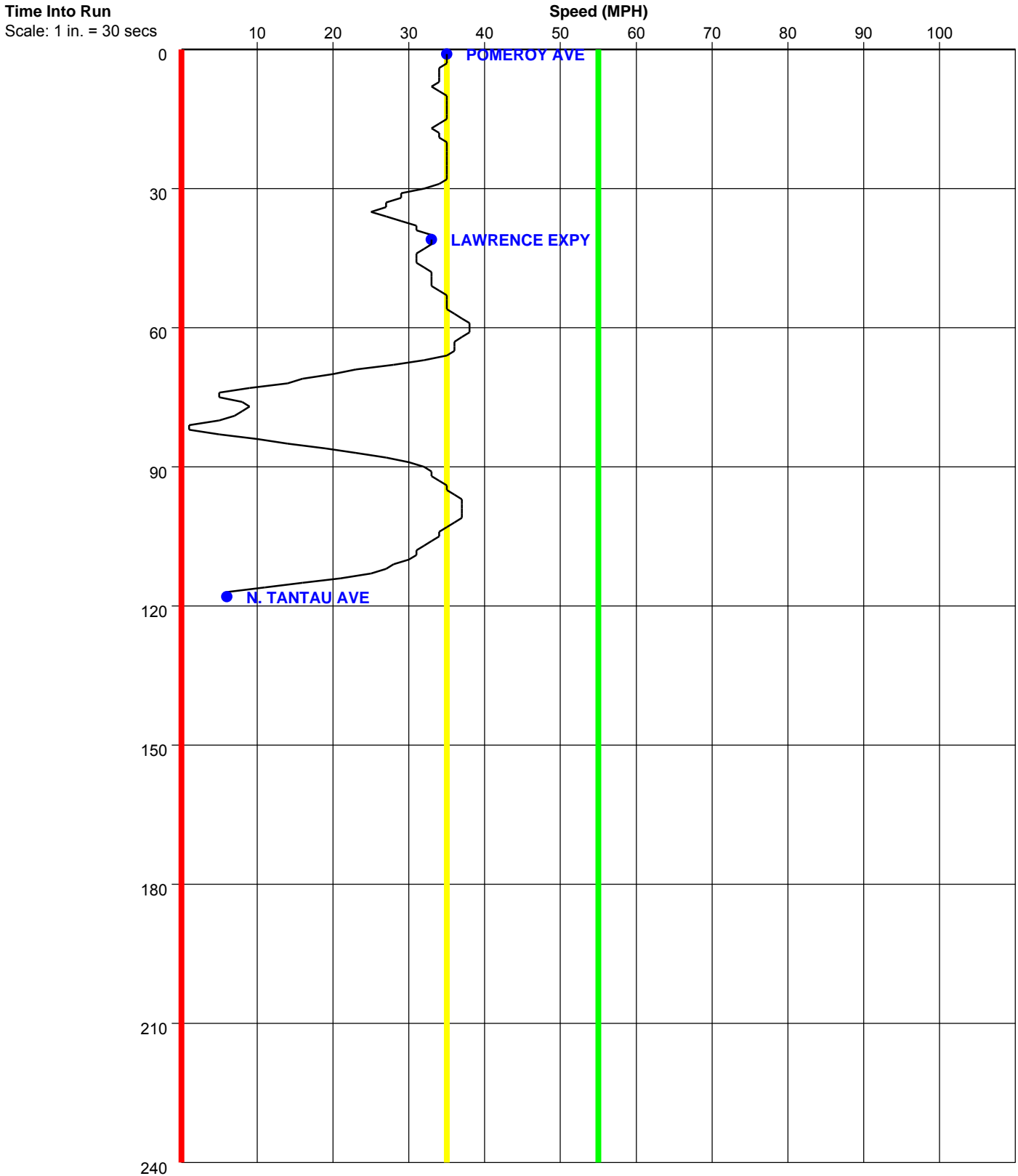


# ATD Pruneridge Ave

Study Name : PRUNERIDGE AVE WB PM SAT  
Study Date : 6/14/2012  
Page No. : 24

## Time-Based Speed Profile

Run : 12-7272 PM SAT-WB-006 Start Time:17:48 (This is a Before Run)



## D: Collision History



**City of Santa Clara  
Traffic Engineering Department**

**Traffic Collision History Report  
Midblock Collisions**

6/7/2013  
Page 1

**Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR**

**Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
2405565	8/29/05 14:18	72' West of	Pruneridge Ave/Pomeroy Ave	Rear-End	Other Motor Vehicle	East	Stopped in Road	East	Proceeding Straight	Unsafe Speed	3	0
2236704	9/15/05 07:28	0' In Int.	Pruneridge Ave/Harvard Ave	Rear-End	Not Stated	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	0	0
2353948	11/18/05 18:40	0' In Int.	Pruneridge Ave/Harvard Ave	Broadside	Other Motor Vehicle	North	Making Left Turn	West	Proceeding Straight	Auto R/W Violation	0	0
2402294	12/21/05 13:42	10' East of	Pruneridge Ave/Tracy Dr	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	0	0
2402313	12/27/05 09:45	40' West of	Pruneridge Ave/Lawrence Expy	Hit Object	Fixed Object	West	Ran Off Road			Improper Turning	0	0
2492933	2/15/06 13:07	250' West of	Pruneridge Ave/Cronin Dr	Sideswipe	Other Motor Vehicle	East	Changing Lanes	East	Proceeding Straight	Unsafe Lane Change	0	0
2515937	3/6/06 18:12	20' East of	Pruneridge Ave/Lawrence Expy	Rear-End	Other Motor Vehicle	East	Stopped in Road	East	Proceeding Straight	Unsafe Speed	0	0
2578900	3/24/06 21:19	0' In Int.	Pruneridge Ave/Pomeroy Ave	Broadside	Other Motor Vehicle	East	Making Left Turn	West	Proceeding Straight	Auto R/W Violation	0	0
2651822	5/25/06 08:30	0' In Int.	Pruneridge Ave/Geneva Dr	Sideswipe	Other Motor Vehicle	South	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0
2709480	6/8/06 14:26	344' East of	Pruneridge Ave/Hillsdale Ave	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	2	0
2876096	10/5/06 15:06	20' East of	Pruneridge Ave/Lawrence Expy	Rear-End	Other Motor Vehicle	North	Making Right Turn	North	Stopped in Road	Unsafe Speed	0	0

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**Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR**

**Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
3053065	2/8/07 18:30	200' West of	Pruneridge Ave/Pomeroy Ave	Sideswipe	Other Motor Vehicle	West	Changing Lanes	West	Proceeding Straight	Unsafe Lane Change	1	0
3099521	3/2/07 13:05	0' In Int.	Pruneridge Ave/Giannini Dr	Vehicle - Pedestrian	Pedestrian	South	Proceeding Straight	East	Proceeding Straight	Ped R/W Violation	1	0
3149331	4/6/07 11:37	0' In Int.	Pruneridge Ave/Pomeroy Ave	Broadside	Other Motor Vehicle	West	Proceeding Straight	East	Making Left Turn	Improper Turning	0	0
3148078	4/15/07 11:36	0' In Int.	Pruneridge Ave/Pomeroy Ave	Broadside	Other Motor Vehicle	East	Making Left Turn	West	Proceeding Straight	Improper Turning	1	0
3360692	8/10/07 07:59	300' West of	Pruneridge Ave/Lawrence Expy	Broadside	Other Motor Vehicle	North	Making U Turn	East	Proceeding Straight	Improper Turning	0	0
3376292	10/16/07 08:37	0' In Int.	Pruneridge Ave/La Herran Dr	Head-On	Other Motor Vehicle	West	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0
3627050	2/12/08 05:47	0' In Int.	Pruneridge Ave/Pomeroy Ave	Broadside	Other Motor Vehicle	East	Making Left Turn	West	Proceeding Straight	Improper Turning	0	0
3627123	2/13/08 11:34	331' East of	Pruneridge Ave/Meadow Ave	Sideswipe	Other Motor Vehicle	West	Changing Lanes	West	Proceeding Straight	Other	0	0
3657200	2/19/08 12:19	20' East of	Pruneridge Ave/Giannini Dr	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped in Road	Unsafe Speed	0	0
3656904	3/18/08 18:01	200' West of	Pruneridge Ave/Hillsdale Ave	Rear-End	Other Motor Vehicle	East	Stopped in Road	East	Proceeding Straight	Unsafe Speed	0	0
3704411	4/16/08 09:12	0' In Int.	Pruneridge Ave/Harvard Ave	Broadside	Other Motor Vehicle	North	Making Left Turn	East	Proceeding Straight	Auto R/W Violation	0	0

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**Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR**

**Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
3760310	5/17/08 10:39	60' East of	Pruneridge Ave/La Herran Dr	Other	Other Object	West	Slowing/Stopping			Unsafe Speed	1	0
3788110	6/6/08 18:12	87' West of	Pruneridge Ave/Pomeroy Ave	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	0	0
3895317	8/8/08 12:15	10' West of	Pruneridge Ave/Lawrence Expy	Rear-End	Other Motor Vehicle	East	Slowing/Stopping	East	Proceeding Straight	Unsafe Speed	0	0
3895325	8/12/08 06:55	18' West of	Pruneridge Ave/Lawrence Expy	Rear-End	Other Motor Vehicle	East	Stopped in Road	East	Proceeding Straight	Other	0	0
4119673	1/30/09 08:44	270' West of	Pruneridge Ave/Lawrence Expy	Hit Object	Fixed Object	East	Making Left Turn			Improper Turning	0	0
4241024	4/25/09 18:25	30' East of	Pruneridge Ave/Hubbard Ave	Hit Object	Fixed Object	East	Making Left Turn			Driving Under Influence	2	0
4386689	8/25/09 19:15	300' West of	Pruneridge Ave/Lawrence Expy	Rear-End	Non-Collision	East	Proceeding Straight	East	Stopped in Road	Unsafe Speed	0	0
4434810	9/30/09 10:39	0' In Int.	Pruneridge Ave/Pomeroy Ave	Broadside	Other Motor Vehicle	West	Making U Turn	West	Proceeding Straight	Auto R/W Violation	1	0
0913651	12/17/09 01:52	0' In Int.	Pruneridge Ave/Harvard Ave	Rear-End	Parked Motor Vehicle	West	Other Unsafe Turning	West	Parked	Improper Turning	0	0
10491	1/11/10 17:48	391' West of	Pruneridge Ave/Pomeroy Ave	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	3	0
102244	2/23/10 18:28	0' In Int.	Pruneridge Ave/Hillsdale Ave	Rear-End	Other Motor Vehicle	West	Stopped In Road	West	Stopped In Road	Unsafe Speed	0	0

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**Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR**

**Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
103717	3/30/10 13:57	25' East of	Pruneridge Ave/Meadow Ave	Rear-End	Other Motor Vehicle	East	Stopped In Road	East	Proceeding Straight	Unsafe Speed	1	0
104087	4/7/10 16:35	30' East of	Pruneridge Ave/Lawrence Expy	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Driving Under Influence	0	0
106509	6/2/10 08:55	0' In Int.	Pruneridge Ave/Harvard Ave	Broadside	Other Motor Vehicle	South	Stopped In Road	East	Proceeding Straight	Auto R/W Violation	0	0
109185	8/7/10 12:40	242' West of	Pruneridge Ave/Cronin Dr	Rear-End	Parked Motor Vehicle	West	Backing	West	Parked	Unsafe Starting or Backing	0	0
1013513	11/20/10 15:31	308' East of	Pruneridge Ave/Pomeroy Ave	Broadside	Parked Motor Vehicle	North	Parked	East	Making U Turn	Unsafe Speed	0	0
114437	4/27/11 09:02	0' In Int.	Hudson Dr/Pruneridge Ave	Other	Pedestrian	West	Proceeding Straight	North	Making Left Turn	Unknown	1	0
115686	6/1/11 10:30	0' In Int.	Pruneridge Ave/Giannini Dr	Rear-End	Other Motor Vehicle	West	Slowing/Stopping	West	Stopped In Road	Unsafe Speed	0	0
116931	7/5/11 12:52	105' West of	Pruneridge Ave/Lawrence Expy	Sideswipe	Parked Motor Vehicle		Proceeding Straight	West	Parked	Improper Turning	0	0
118494	8/17/11 17:23	65' West of	Pruneridge Ave/Geneva Dr	Rear-End	Other Motor Vehicle	East	Proceeding Straight	East	Slowing/Stopping	Following Too Closely	1	0
119173	9/6/11 18:32	90' West of	Pruneridge Ave/Rosemont Dr	Rear-End	Motor Vehicle on Other Roadway	East	Proceeding Straight	East	Stopped In Road	Unsafe Speed	0	0
1110590	10/15/11 08:01	0' In Int.	Pruneridge Ave/Harvard Ave	Rear-End	Other Motor Vehicle	East	Stopped In Road	East	Proceeding Straight	Unsafe Speed	0	0

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**Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR**

**Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013**

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# Kld
1111301	11/2/11 07:15	120' East of	Pruneridge Ave/Meadow Ave	Sideswipe	Parked Motor Vehicle	West	Proceeding Straight	West	Parked	Improper Turning	0	0
12264	1/8/12 05:17	108' East of	Pruneridge Ave/Lawrence Expy	Hit Object	Fixed Object	East	Making Right Turn			Wrong Side of Road	0	0
121570	2/13/12 08:24	350' East of	Pruneridge Ave/Pomeroy Ave	Rear-End	Other Motor Vehicle	West	Proceeding Straight	West	Stopped In Road	Following Too Closely	0	0
127098	6/26/12	60' East of	Pruneridge Ave/Hillsdale Ave	Hit Object	Fixed Object		Ran Off Road			Improper Turning	0	0
127889	7/17/12 13:37	375' East of	Pruneridge Ave/Pomeroy Ave	Sideswipe	Parked Motor Vehicle	East	Proceeding Straight	East	Parked	Driving Under Influence	0	0
1210207	9/19/12 08:56	0' In Int.	Pruneridge Ave/Harvard Ave	Sideswipe	Other Motor Vehicle	South	Making Right Turn	West	Stopped In Road	Improper Turning	0	0
1210674	10/1/12 07:23	40' West of	Pruneridge Ave/Harvard Ave	Broadside	Other Motor Vehicle	West	Making Right Turn	West	Proceeding Straight	Auto R/W Violation	0	0

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Arterial: PRUNERIDGE AVE  
Limit 1: TANTAU AVE  
Limit 2: CRONIN DR

Total Number of Collisions: 51  
Date Range Reported: 1/1/2005 - 4/30/2013

Report No.	Date Time	Dist/Dir	Location	Type of Collision	Motor Veh. Involved With	DOT1	MPC 1	DOT2	MPC 2	PCF	# Inj	# KId
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Total Number of Collisions: 51      Segment Length: 1.12 miles (5,890')

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**Settings Used For Query**

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<u>Parameter</u>	<u>Setting</u>
Limit 1	Do Not Include Intersection Related
Limit 2	Do Not Include Intersection Related
Intermediate Intersections	Include Intersection Related
Sorted By	'Date and Time'