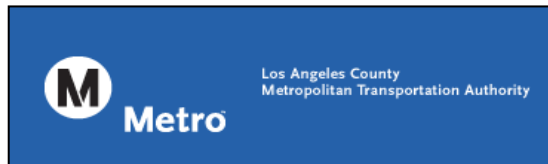




Orange Line Monthly Report



July 2018





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Executive Summary

Conduent is pleased to present the monthly report for the Los Angeles County Metropolitan Transportation Authority's Photo Enforcement Services. This reformatted report has been designed to effectively communicate and reflect useful monthly operations statistics and overall performance. The report covers a detailed activity profile for the active intersections where the automated traffic enforcement systems are installed.

In July 2018, the photo enforcement project for MTA Orange Line captured a total of 15,473 events. The project recorded 6,241 possible violations and 9,232 non-violations. The LA County Sheriff's Department issued 3,312 citations reflecting a 53% issuance rate and a controllable issuance rate of 94%. The following controllable non-issued violations occurred for these reasons and are being addressed:

119 Data Entry / 34 Equipment Malfunction

Both of these errors occur when a photo or video do not display; this issue has been addressed and a firmware update should fix.

30 Framing of Car/1 Framing of Driver / 2 Framing of Plate

These errors are caused by vehicle movement not allowing the image to be framed as needed for evidence; these events will be reviewed and adjustments will be made if possible.

16 Dark Interior

Adjustments have been made to the cameras to avoid this error and we have had a 24% improvement since last month.

12 Clarity of Plate

This is caused by plate obstruction due to dirt, wear, sunlight, or masking. We will adjust camera exposure setting and monitor progress.

10 Emergency Vehicles

Caused by emergency vehicles while responding to emergencies.

In the News - Photo Enforcement Around the Country

California Deploys Cameras to Catch Carpool Cheaters

A camera system on an undisclosed stretch of Bay Area freeway is on the lookout for drivers ignoring the rules of the multi-passenger lanes.

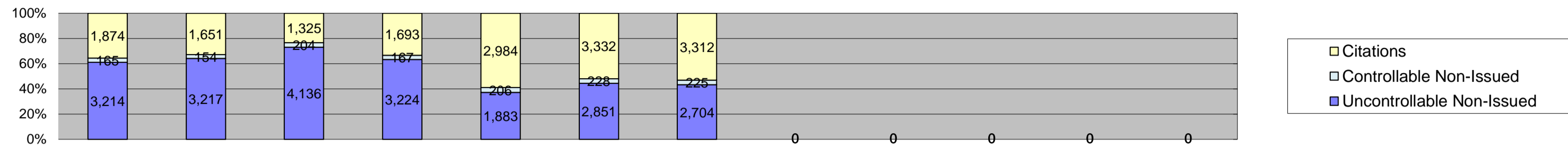
BY MICHAEL CABANATUAN, SAN FRANCISCO CHRONICLE / APRIL 3, 2018

(TNS) — On an undisclosed Bay Area freeway over the past couple of weeks, a camera system has been counting the people inside every vehicle in the carpool lane in an experiment to detect cheaters.

No tickets or warnings are being issued, but that could change if Bay Area transportation officials are convinced that the technology is the next-generation enforcement answer to a growing number of scofflaws who, despite the risk of a heavy fine, use the region's restricted carpool lanes to shave time off their commute. Studies by [regional transportation agencies](#) and [The Chronicle](#) have found that Bay Area carpool lanes reserved for vehicles with two or more occupants — three or more on Interstate 80 — and clean-energy cars are commonly crowded with solo drivers who have no business being there. Tickets run \$490.



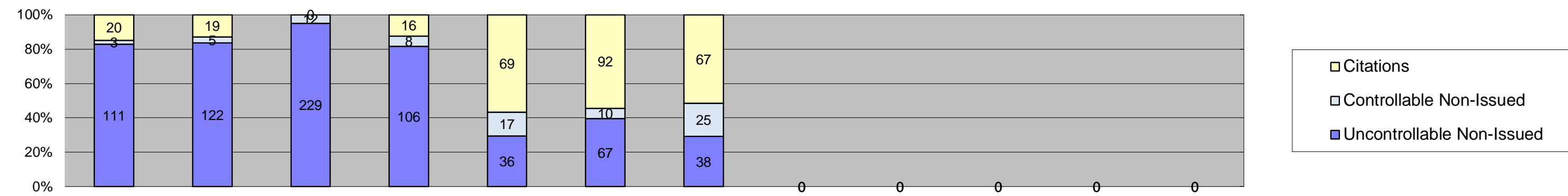
Los Angeles County MTA Orange Line
 Approach Summary Report
 All Locations
 2018



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	9,116	8,024	9,328	9,458	9,086	9,190	9,232							9,062	62%
Violations	5,253	5,022	5,665	5,052	5,073	6,411	6,241							5,531	38%
Total:	14,369	13,046	14,993	14,510	14,159	15,601	15,473							14,593	100%
Violations															
Uncontrollable Non-Issued	3,214	3,217	4,136	3,224	1,883	2,851	2,704							3,033	55%
Controllable Non-Issued	165	154	204	167	206	228	225							193	3%
Citations	1,874	1,651	1,325	1,693	2,984	3,332	3,312							2,310	42%
Total:	5,253	5,022	5,665	5,084	5,073	6,411	6,241							5,536	100%
Non-Violations															
Emergency Vehicle Non-Issuable	225	164	221	206	190	196	170							196	2%
Emergency Vehicle PD	1	4	4	2	1	6	6							3	0%
Intersection Control in Progress-PD	2	1	4	0	0	0	0							2	0%
Gate Down/ No Train	0	0	0	0	0	0	0							0	0%
No Violation Occurred	5,499	4,895	5,631	5,984	5,415	5,717	5,684							5,546	61%
Rear Axle Activation	34	43	44	41	59	45	1							38	0%
Right Turn- No Violation	32	29	40	24	49	45	19							34	0%
Test Shot	3,316	2,878	3,359	3,187	3,364	3,179	3,341							3,232	36%
Amber Time Low	0	1	0	0	1	0	0							1	0%
Vehicle Stopped- PD	7	9	25	14	7	2	11							11	0%
Total:	9,116	8,024	9,328	9,458	9,086	9,190	9,232							9,064	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	2	0	1	0	0							2	0%
Address/CDL/DOB Match Fail	0	0	0	0	1	1	2							1	0%
Car Obstructed	34	23	24	43	40	41	55							37	1%
Conditions Beyond Control	34	58	90	82	0	0	0							66	2%
Driver Identity Unclear	101	110	67	31	22	55	50							62	2%
Driver Obstructed	73	65	63	87	70	85	70							73	2%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	122	104	35	33	30	35	45							58	2%
Glare on Windshield	32	70	107	79	160	142	144							105	3%
Illegible Plate	0	3	7	2	4	1	0							3	0%
Interest of Justice- PD	5	5	1	0	0	0	0							4	0%
Image Quality- PD	18	25	11	17	21	23	27							20	1%
Issuance Criteria Not Met- PD	1,303	1,371	1,930	1,360	2	0	0							1,193	34%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	925	919	981	959	1,137	1,179	1,172							1,039	29%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	235	311	268	246	198	259	213							247	7%
Out of State	121	106	126	108	133	147	142							126	4%
Plate Obstructed	45	45	55	46	64	60	44							51	1%
Short Yellow- PD	0	1	0	0	0	0	0							1	0%
Third Party Damage	0	1	0	3	0	0	0							2	0%
TSB Epired	2	0	1	0	0	1	6							3	0%
TSB No Hit	164	0	368	128	0	822	734							443	13%
Total:	3,214	3,217	4,136	3,224	1,883	2,851	2,704							3,537	100%
Controllable Non-Issued Violations															
Cnduent Expire	38	0	0	0	1	0	0							20	9%
Clarity of Plate	0	0	0	1	9	15	12							9	4%
Clarity of Driver	0	2	1	1	11	8	0							5	2%
Dark Interior	13	12	14	15	20	21	16							16	7%
Data Box Related- PD	1	0	0	0	0	1	0							1	0%
Data Box Data Error- PD	1	1	0	0	0	0	0							1	0%
Data Entry Error	73	107	138	121	115	134	119							115	52%
Emergency Vehicle Issue	3	0	4	1	4	4	10							4	2%
Exposed	0	0	0	0	10	5	0							8	3%
Equipment Malfunction	4	8	25	3	10	3	34							12	6%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	21	18	14	23	21	30	30							22	10%
Framing of Driver	1	0	1	0	1	0	1							1	0%
Operator Error	0	0	0	0	0	0	0							0	0%
Framing of Plate	2	2	3	0	1	2	2							2	1%
Reject Expired	0	0	0	0	0	0	0							0	0%
Speed Not Determined	8	4	4	2	3	5	1							4	2%
Total:	165	154	204	167	206	228	225							220	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	23	23	23	23	23	23	23							23	
Average Issued Red Seconds	11.5	10.1	9.6	11.4	10.7	10.9	10.2							10.6	
Citation / Violation Issuance Rate	36%	33%	23%	33%	59%	52%	53%							41%	
Controllable Issuance Rate	92%	91%	87%	91%	94%	94%	94%							92%	



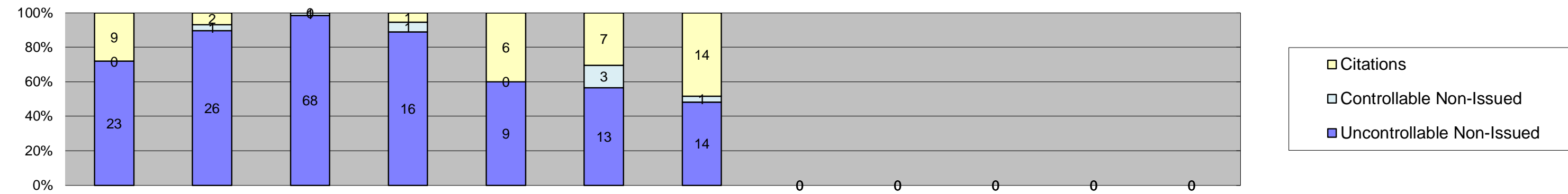
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1301: NB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	233	187	227	234	246	213	183						218	59%
Violations	134	146	241	130	122	169	130						153	41%
Total:	367	333	468	364	368	382	313						371	100%
Violations														
Uncontrollable Non-Issued	111	122	229	106	36	67	38						101	63%
Controllable Non-Issued	3	5	12	8	17	10	25						11	7%
Citations	20	19	0	16	69	92	67						47	30%
Total:	134	146	241	130	122	169	130						160	100%
Non-Violations														
Emergency Vehicle Non-Issuable	93	66	83	83	58	75	45						72	33%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	19	17	19	20	11	16	8						16	7%
Rear Axle Activation	0	0	0	4	1	4	0						3	1%
Right Turn- No Violation	0	0	0	0	0	1	0						1	0%
Test Shot	121	104	125	127	176	117	130						129	58%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	233	187	227	234	246	213	183						220	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	3	0	0	0	0						3	2%
Conditions Beyond Control	1	4	8	1	0	0	0						4	2%
Driver Identity Unclear	0	0	0	0	1	0	1						1	1%
Driver Obstructed	3	1	2	1	2	1	0						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	2	6	10	4	4	3	0						5	3%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	67	70	143	62	0	0	0						86	57%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	32	36	39	28	20	33	21						30	20%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0						1	1%
Out of State	3	4	6	6	6	5	3						5	3%
Plate Obstructed	0	0	7	1	2	1	0						3	2%
Short Yellow- PD	0	1	0	0	0	0	0						1	1%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	11	3	0	24	13						11	7%
Total:	111	122	229	106	36	67	38						150	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	2	2	0	2	0						2	11%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	4	6	6	6	5	8						5	28%
Emergency Vehicle Issue	1	0	0	0	0	2	0						2	8%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	1	4	0	10	0	16						8	42%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	1	1	0						1	5%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	1						1	5%
Total:	3	5	12	8	17	10	25						18	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	18	18	18	18	18	17	17						18	
Average Issued Red Seconds	7.0	7.6	6.1	8.1	7.4	7.2	9.5						8	
Citation / Violation Issuance Rate	15%	13%	0%	12%	57%	54%	52%						34%	
Controllable Issuance Rate	87%	79%	0%	67%	80%	90%	73%						79%	



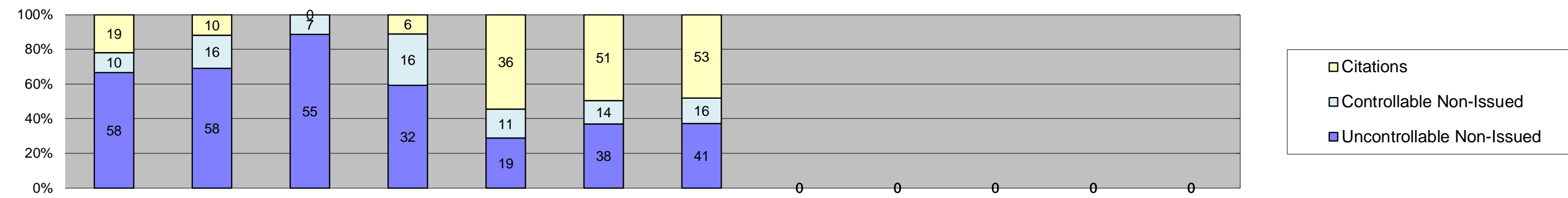
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1302: SB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	168	137	159	157	150	136	153						151	83%
Violations	32	29	69	18	15	23	29						31	17%
Total:	200	166	228	175	165	159	182						182	100%
Violations														
Uncontrollable Non-Issued	23	26	68	16	9	13	14						24	75%
Controllable Non-Issued	0	1	1	1	0	3	1						1	4%
Citations	9	2	0	1	6	7	14						7	20%
Total:	32	29	69	18	15	23	29						32	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	2	3	7	2	5	8						5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	7	10	13	7	10	7	8						9	6%
Rear Axle Activation	1	0	0	1	0	0	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	153	125	143	142	138	124	137						137	90%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	168	137	159	157	150	136	153						152	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	1	0	1	2						1	3%
Conditions Beyond Control	0	0	3	0	0	0	0						3	8%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	0	0	0	0	1	1						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	0	0	1	0	0	0	0						1	3%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	11	13	33	8	0	0	0						16	42%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	9	12	19	5	9	5	7						9	24%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	1	0	3	1	0	1	3						2	5%
Plate Obstructed	1	1	6	0	0	0	0						3	7%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	3	1	0	5	1						3	6%
Total:	23	26	68	16	9	13	14						39	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	1	0						1	45%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	1	1	1	0	2	1						1	55%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	1	1	1	0	3	1						2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	18	17	17	20	19	20	19						19	
Average Issued Red Seconds	8.7	19.9	5.4	14.4	5.3	13.8	9.5						11	
Citation / Violation Issuance Rate	28%	7%	0%	6%	40%	30%	48%						27%	
Controllable Issuance Rate	100%	67%	0%	50%	100%	70%	93%						80%	



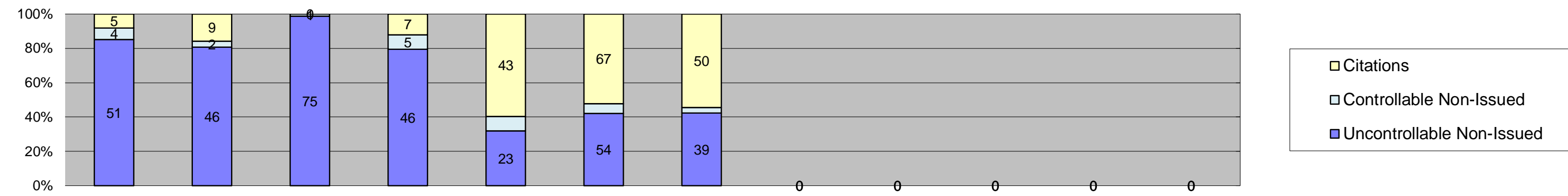
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1313: EB Oxnard St @ Buffalo Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	186	152	189	161	208	175	189						180	69%
Violations	87	84	62	54	66	103	110						81	31%
Total:	273	236	251	215	274	278	299						261	100%
Violations														
Uncontrollable Non-Issued	58	58	55	32	19	38	41						43	51%
Controllable Non-Issued	10	16	7	16	11	14	16						13	15%
Citations	19	10	0	6	36	51	53						29	34%
Total:	87	84	62	54	66	103	110						85	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	4	2	5	1	2	5						3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	1	0	0	0	0						1	1%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	32	20	22	27	37	18	39						28	15%
Rear Axle Activation	1	0	1	1	6	0	0						2	1%
Right Turn- No Violation	27	23	38	17	43	39	17						29	16%
Test Shot	123	105	125	111	121	116	128						118	65%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	186	152	189	161	208	175	189						182	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	0	0	0	0						1	2%
Conditions Beyond Control	0	3	0	1	0	0	0						2	3%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	1	0	0	0	0	1	0						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	0	0	0	0						1	2%
Glare on Windshield	0	0	0	0	1	0	1						1	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	29	38	35	16	0	0	0						30	45%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	24	14	14	14	16	16	22						17	26%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0						1	2%
Out of State	1	1	1	1	2	4	3						2	3%
Plate Obstructed	1	0	0	0	0	1	0						1	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	1	0	5	0	0	16	15						9	14%
Total:	58	58	55	32	19	38	41						66	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	1	0	0						1	6%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	2	0	3	2	1	1						2	12%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	3	0	0	0	0	1						2	12%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	7	11	6	13	8	13	14						10	63%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	1	0	0	0	0						1	6%
Total:	10	16	7	16	11	14	16						16	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	22	21	22	22	25	23	22						22	
Average Issued Red Seconds	9.6	12.3	10.8	10.4	11.0	9.7	10.3						11	
Citation / Violation Issuance Rate	22%	12%	0%	11%	55%	50%	48%						33%	
Controllable Issuance Rate	66%	38%	0%	27%	77%	78%	77%						61%	



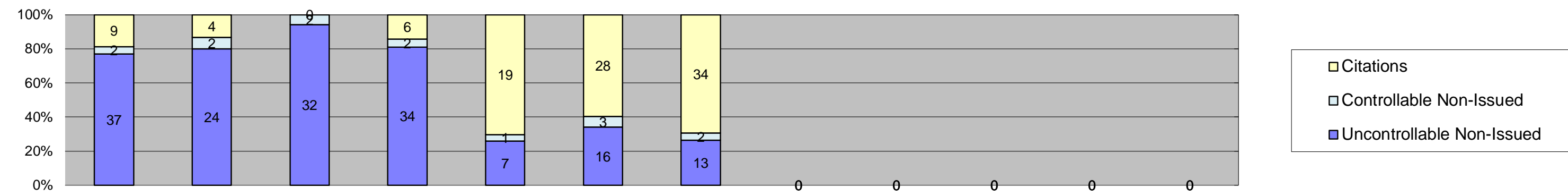
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1314: WB Oxnard St @ Buffalo Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	233	232	228	261	238	208	272						239	75%
Violations	60	57	76	58	72	128	92						78	25%
Total:	293	289	304	319	310	336	364						316	100%
Violations														
Uncontrollable Non-Issued	51	46	75	46	23	54	39						48	58%
Controllable Non-Issued	4	2	1	5	6	7	3						4	5%
Citations	5	9	0	7	43	67	50						30	37%
Total:	60	57	76	58	72	128	92						82	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	2	2	2	1	1	1						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	112	125	103	146	111	93	155						121	50%
Rear Axle Activation	3	3	1	3	6	5	0						4	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	116	102	122	110	120	109	116						114	47%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	233	232	228	261	238	208	272						239	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	1	1	0	0						1	1%
Conditions Beyond Control	1	0	6	2	0	0	0						3	4%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	1	0	1	0	0	2	0						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	4	1	0	1	0	1						2	3%
Glare on Windshield	0	2	1	1	1	0	1						1	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	27	26	45	24	0	0	0						31	45%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	15	13	19	15	17	38	22						20	29%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	1	0	1	3	1	2						2	2%
Plate Obstructed	0	0	1	1	0	0	0						1	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	1	1	0	13	13						7	10%
Total:	51	46	75	46	23	54	39						68	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	1	0	1	0	0	0						1	13%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	2	1	1	4	5	3	2						3	34%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	13%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	0	0	0	1	3	0						2	26%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	13%
Total:	4	2	1	5	6	7	3						8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	30	33	31	30	33	32	32						32	
Average Issued Red Seconds	2.4	2.5	3.0	2.7	2.6	1.3	3.8						3	
Citation / Violation Issuance Rate	8%	16%	0%	12%	60%	52%	54%						34%	
Controllable Issuance Rate	56%	82%	0%	58%	88%	91%	94%						78%	



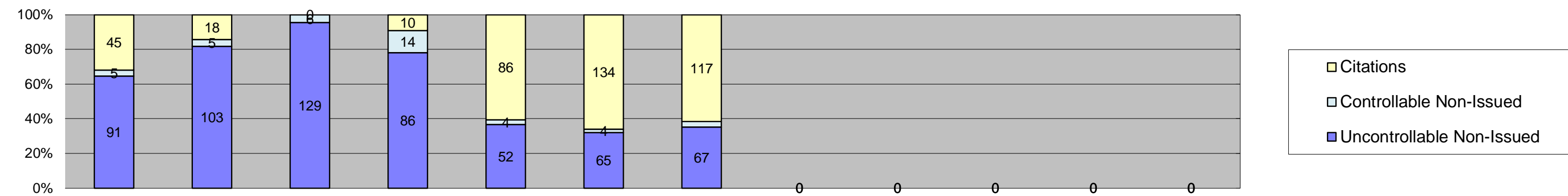
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1321: NB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	141	136	150	146	156	156	135						146	79%
Violations	48	30	34	42	27	47	49						40	21%
Total:	189	166	184	188	183	203	184						185	100%
Violations														
Uncontrollable Non-Issued	37	24	32	34	7	16	13						23	56%
Controllable Non-Issued	2	2	2	2	1	3	2						2	5%
Citations	9	4	0	6	19	28	34						17	40%
Total:	48	30	34	42	27	47	49						42	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	7	7	6	4	10	3						6	4%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	23	26	22	24	34	31	15						25	17%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	1	0	0	0	0						1	1%
Test Shot	116	103	120	116	118	115	117						115	78%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	141	136	150	146	156	156	135						147	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	1	1	0	0	1						1	3%
Conditions Beyond Control	1	0	2	1	0	0	0						1	4%
Driver Identity Unclear	0	1	0	0	0	0	0						1	3%
Driver Obstructed	0	0	1	0	0	1	0						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	1	0	0	0	1	0	0						1	3%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	22	16	20	19	0	0	0						19	52%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	8	7	6	12	6	12	7						8	22%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	1	0	0	1	0	0	0						1	3%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	2	0	0	3	5						4	9%
Total:	37	24	32	34	7	16	13						37	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	1						1	19%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	2	2	2	2	0	3	0						2	42%
Emergency Vehicle Issue	0	0	0	0	0	0	1						1	19%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	1	0	0						1	19%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	2	2	2	2	1	3	2						5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	24	25	25	25	28	27	28						26	
Average Issued Red Seconds	5.5	3.9	5.8	8.4	5.5	4.9	6.6						6	
Citation / Violation Issuance Rate	19%	13%	0%	14%	70%	60%	69%						41%	
Controllable Issuance Rate	82%	67%	0%	75%	95%	90%	94%						84%	



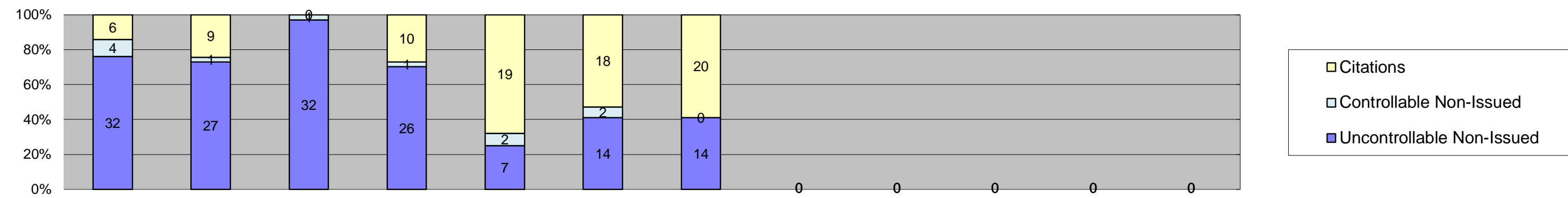
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1322: SB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	186	151	183	203	170	134	168						171	53%
Violations	141	126	135	110	142	203	190						150	47%
Total:	327	277	318	313	312	337	358						320	100%
Violations														
Uncontrollable Non-Issued	91	103	129	86	52	65	67						85	53%
Controllable Non-Issued	5	5	6	14	4	4	6						6	4%
Citations	45	18	0	10	86	134	117						68	43%
Total:	141	126	135	110	142	203	190						159	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	1	2	0	1						1	1%
Emergency Vehicle PD	0	0	0	0	0	0	1						1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	62	44	56	57	50	34	45						50	29%
Rear Axle Activation	0	0	0	0	0	1	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	124	106	127	145	118	99	121						120	69%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	186	151	183	203	170	134	168						173	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	0	1	1	3						2	1%
Conditions Beyond Control	0	1	3	3	0	0	0						2	2%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	1	0	1	0	0	0						1	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	2	0	0	0	0	0						2	1%
Glare on Windshield	0	0	0	0	2	0	2						2	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	61	69	96	55	0	0	0						70	55%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	21	26	20	23	43	32	33						28	22%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	3	0						3	2%
Out of State	0	3	0	0	0	2	4						3	2%
Plate Obstructed	1	0	2	1	6	3	2						3	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	7	0	8	3	0	24	23						13	10%
Total:	91	103	129	86	52	65	67						128	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	1	0	0	0	0						1	12%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	4	4	13	4	4	5						5	61%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	0	0	1	0	0	1						1	15%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	1	0	0	0	0						1	12%
Total:	5	5	6	14	4	4	6						9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	28	28	27	28	29	29	29						28	
Average Issued Red Seconds	3.6	2.4	2.5	2.9	2.3	2.6	1.5						3	
Citation / Violation Issuance Rate	32%	14%	0%	9%	61%	66%	62%						41%	
Controllable Issuance Rate	90%	78%	0%	42%	96%	97%	95%						83%	



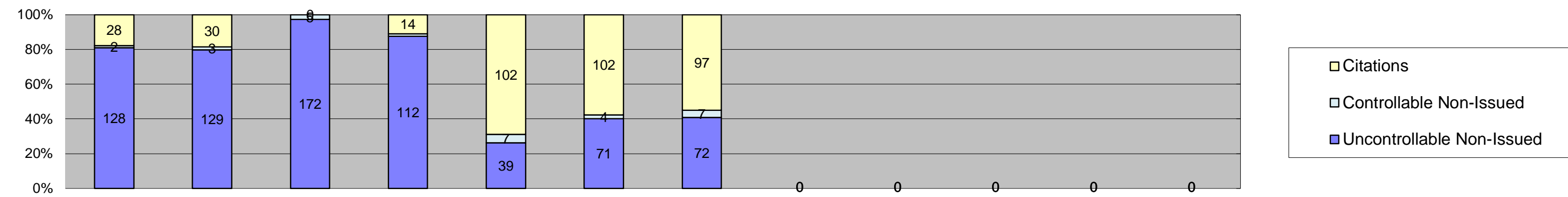
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1331: NB Kester Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	151	148	167	154	169	188	222						171	83%
Violations	42	37	33	37	28	34	34						35	17%
Total:	193	185	200	191	197	222	256						206	100%
Violations														
Uncontrollable Non-Issued	32	27	32	26	7	14	14						22	58%
Controllable Non-Issued	4	1	1	1	2	2	0						2	5%
Citations	6	9	0	10	19	18	20						14	37%
Total:	42	37	33	37	28	34	34						37	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	4	1	2	0	1	1						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	20	22	23	24	20	31	31						24	14%
Rear Axle Activation	0	1	0	0	0	1	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	130	121	143	128	149	155	190						145	84%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	151	148	167	154	169	188	222						172	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	1	2	4	2	0	0	0						2	7%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	1	0	0	0	0	0						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	0	0	0	0						1	3%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	19	15	19	13	0	0	0						17	48%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	7	8	6	9	7	8	7						7	22%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1						1	3%
Out of State	1	0	1	0	0	1	1						1	3%
Plate Obstructed	0	0	0	1	0	1	0						1	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	2	1	0	4	5						3	9%
Total:	32	27	32	26	7	14	14						34	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	1	1	0	1	1	0						1	41%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	1	0	0	0	0	0	0						1	29%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	1	1	1	0						1	29%
Total:	4	1	1	1	2	2	0						3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	31	32	33	29	31	30	34						31	
Average Issued Red Seconds	1.5	0.5	1.2	2.3	4.3	3.2	1.7						2	
Citation / Violation Issuance Rate	14%	24%	0%	27%	68%	53%	59%						41%	
Controllable Issuance Rate	60%	90%	0%	91%	90%	90%	100%						87%	



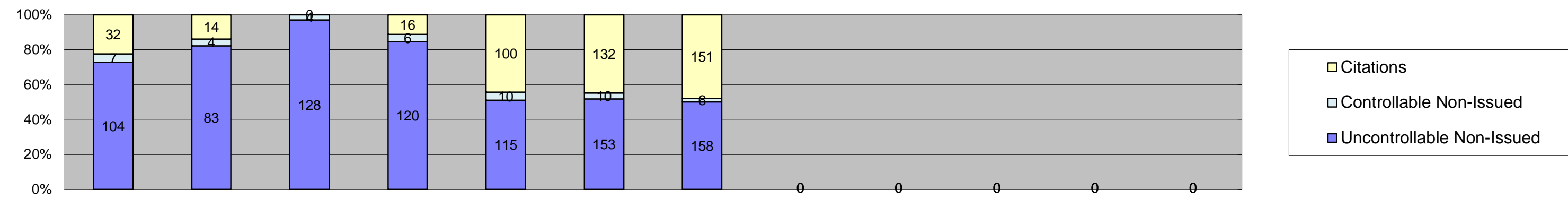
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1332: SB Kester Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	145	125	133	127	139	138	146						136	46%
Violations	158	162	177	128	148	177	176						161	54%
Total:	303	287	310	255	287	315	322						297	100%
Violations														
Uncontrollable Non-Issued	128	129	172	112	39	71	72						103	61%
Controllable Non-Issued	2	3	5	2	7	4	7						4	3%
Citations	28	30	0	14	102	102	97						62	37%
Total:	158	162	177	128	148	177	176						170	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	1	0	0						1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	1	0	0	0	0	0						1	1%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	13	9	10	9	12	19	25						14	10%
Rear Axle Activation	3	6	4	3	5	4	0						4	3%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	128	109	119	115	121	115	121						118	86%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	145	125	133	127	139	138	146						138	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	5	4	5	0	0	0						5	3%
Driver Identity Unclear	0	1	0	0	0	0	1						1	1%
Driver Obstructed	1	1	0	1	0	1	1						1	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	44	12	0	0	0	1	0						19	12%
Glare on Windshield	0	0	0	0	1	0	0						1	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	45	73	121	73	0	0	0						78	50%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	28	29	32	26	33	40	40						33	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	1	1	1	0						1	1%
Out of State	7	5	4	3	2	7	6						5	3%
Plate Obstructed	0	2	0	0	2	0	2						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	11	3	0	21	22						12	8%
Total:	128	129	172	112	39	71	72						157	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	2	2	4	2	7	4	7						4	80%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	1	0	0	0	0						1	20%
Total:	2	3	5	2	7	4	7						5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	31	33	32	33	33	33	34						33	
Average Issued Red Seconds	1.0	0.8	1.0	1.0	0.6	0.8	0.8						1	
Citation / Violation Issuance Rate	18%	19%	0%	11%	69%	58%	55%						38%	
Controllable Issuance Rate	93%	91%	0%	88%	94%	96%	93%						92%	



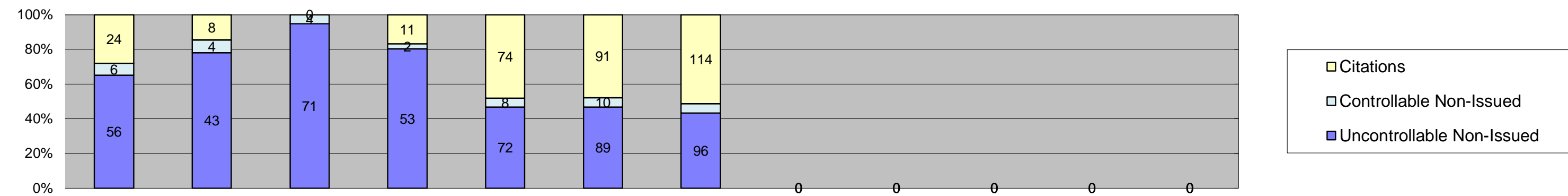
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1341: NB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	174	156	175	153	171	162	166						165	46%
Violations	143	101	132	142	225	295	315						193	54%
Total:	317	257	307	295	396	457	481						359	100%
Violations														
Uncontrollable Non-Issued	104	83	128	120	115	153	158						123	60%
Controllable Non-Issued	7	4	4	6	10	10	6						7	3%
Citations	32	14	0	16	100	132	151						74	36%
Total:	143	101	132	142	225	295	315						204	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	5	8	4	4	8	1						5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	48	43	40	39	41	38	44						42	25%
Rear Axle Activation	1	0	0	0	2	0	0						2	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	118	108	127	110	124	116	121						118	71%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	174	156	175	153	171	162	166						166	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	3	0	2	7	8	9	12						7	4%
Conditions Beyond Control	4	0	0	2	0	0	0						3	2%
Driver Identity Unclear	0	0	0	0	1	4	2						2	1%
Driver Obstructed	1	1	1	1	0	2	3						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	0	0	2	2	3	1						2	1%
Glare on Windshield	0	6	5	11	28	22	21						16	10%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	65	48	81	55	0	0	0						62	38%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	21	22	23	32	61	66	65						41	25%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	1						1	1%
Out of State	1	4	4	4	3	6	9						4	3%
Plate Obstructed	2	2	1	2	11	10	8						5	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	6	0	11	4	0	31	36						18	11%
Total:	104	83	128	120	115	153	158						163	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	3	0	2	2	3	4	3						3	35%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	4	2	4	5	6	3						4	47%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	2	0	0						2	18%
Total:	7	4	4	6	10	10	6						8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	35	35	34	35	33	35	35						35	
Average Issued Red Seconds	0.6	0.8	0.6	1.1	0.7	0.7	0.7						1	
Citation / Violation Issuance Rate	22%	14%	0%	11%	44%	45%	48%						31%	
Controllable Issuance Rate	82%	78%	0%	73%	91%	93%	96%						85%	



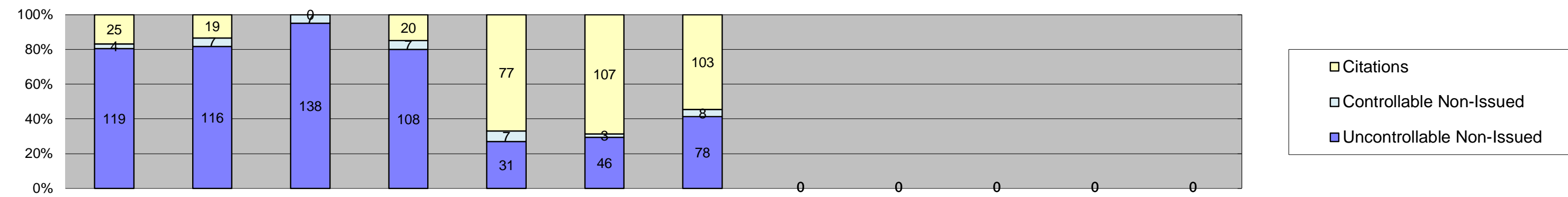
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1342: SB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	217	202	197	190	192	183	203						198	62%
Violations	86	55	75	66	154	190	222						121	38%
Total:	303	257	272	256	346	373	425						319	100%
Violations														
Uncontrollable Non-Issued	56	43	71	53	72	89	96						69	53%
Controllable Non-Issued	6	4	4	2	8	10	12						7	5%
Citations	24	8	0	11	74	91	114						54	42%
Total:	86	55	75	66	154	190	222						129	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	3	4	3	3	0	5						4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	90	89	65	64	60	59	71						71	36%
Rear Axle Activation	0	0	1	2	2	2	0						2	1%
Right Turn- No Violation	4	5	0	6	5	3	2						4	2%
Test Shot	118	105	127	115	122	119	125						119	59%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	217	202	197	190	192	183	203						200	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	1	0	1	4	4	5						3	3%
Conditions Beyond Control	1	0	1	3	0	0	0						2	2%
Driver Identity Unclear	0	0	0	0	1	0	1						1	1%
Driver Obstructed	0	1	0	0	1	0	2						1	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	0	0	2	0						2	2%
Glare on Windshield	0	1	4	1	23	11	6						8	8%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	32	25	40	26	0	0	0						31	32%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	14	13	17	19	38	37	44						26	27%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	2	1	2	2	2	1	2						2	2%
Plate Obstructed	1	0	1	1	3	5	5						3	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	6	0	0	29	31						18	19%
Total:	56	43	71	53	72	89	96						95	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	1	0	0	1	1	0						1	11%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	2	2	1	2	4	8						3	31%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	5	0	2	1	5	3	4						3	36%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	1	0						1	11%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	0	0	0	1	0						1	11%
Total:	6	4	4	2	8	10	12						9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	34	34	33	36	33	34	34						34	
Average Issued Red Seconds	2.5	0.8	1.4	2.2	1.0	1.4	1.2						2	
Citation / Violation Issuance Rate	28%	15%	0%	17%	48%	48%	51%						34%	
Controllable Issuance Rate	80%	67%	0%	85%	90%	90%	90%						84%	



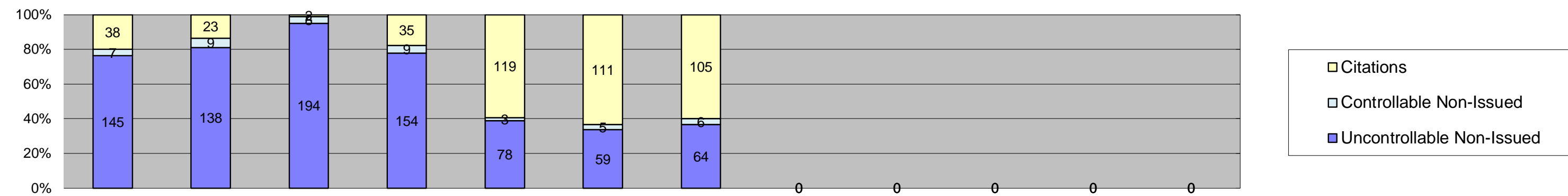
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1351: NB Woodley @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	146	110	162	163	157	150	182						153	51%
Violations	148	142	145	135	115	156	189						147	49%
Total:	294	252	307	298	272	306	371						300	100%
Violations														
Uncontrollable Non-Issued	119	116	138	108	31	46	78						91	58%
Controllable Non-Issued	4	7	0	7	7	3	8						6	4%
Citations	25	19	0	20	77	107	103						59	38%
Total:	148	142	145	135	115	156	189						156	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	2	4	0	2	2						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	23	8	32	39	29	34	64						33	21%
Rear Axle Activation	2	3	4	5	5	1	0						3	2%
Right Turn- No Violation	0	0	0	1	0	0	0						1	1%
Test Shot	120	97	124	114	123	113	116						115	75%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	146	110	162	163	157	150	182						155	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	1	4	4	6	0	0	0						4	3%
Driver Identity Unclear	0	1	0	0	0	0	0						1	1%
Driver Obstructed	2	2	1	0	3	2	2						2	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	1	0	0	0	1						1	1%
Glare on Windshield	2	2	1	2	1	0	0						2	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	86	73	83	58	0	0	0						75	57%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	23	32	30	27	23	23	37						28	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1						1	1%
Out of State	1	1	4	6	4	1	7						3	3%
Plate Obstructed	0	1	3	3	0	1	0						2	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	11	6	0	19	30						14	11%
Total:	119	116	138	108	31	46	78						133	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	1	0	0	0						1	11%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	4	6	6	6	7	2	7						5	58%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	11%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	1	0	0	1	0						1	11%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	0	0	0	0	0						1	11%
Total:	4	7	7	7	7	3	8						9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	23	23	24	24	24	23	22						23	
Average Issued Red Seconds	14.0	11.6	10.2	8.2	10.4	11.6	13.6						11	
Citation / Violation Issuance Rate	17%	13%	0%	15%	67%	69%	54%						39%	
Controllable Issuance Rate	86%	73%	0%	74%	92%	97%	93%						86%	



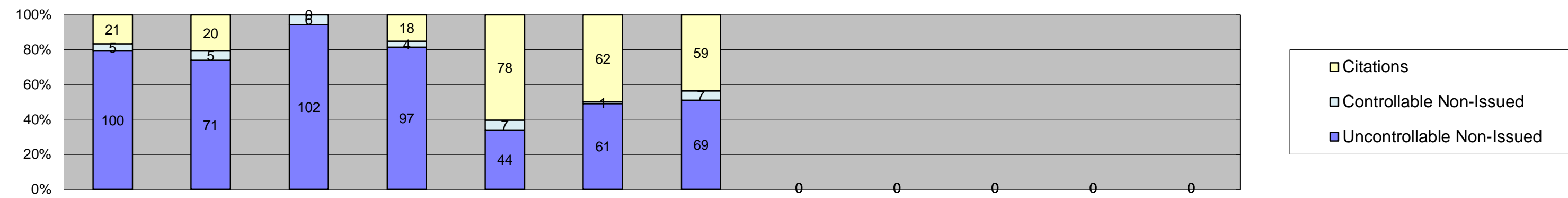
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1352: SB Woodley @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	141	126	169	141	147	147	153						146	44%
Violations	190	170	204	198	200	175	175						187	56%
Total:	331	296	373	339	347	322	328						334	100%
Violations														
Uncontrollable Non-Issued	145	138	194	154	78	59	64						119	63%
Controllable Non-Issued	7	9	8	9	3	5	6						7	4%
Citations	38	23	2	35	119	111	105						62	33%
Total:	190	170	204	198	200	175	175						187	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	1	2	2	1	1						1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	1	0	0	0	0	0	0						1	1%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	12	15	9	19	16	28	31						19	12%
Rear Axle Activation	17	11	9	9	11	6	0						11	7%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	111	99	150	111	118	112	121						117	79%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	141	126	169	141	147	147	153						149	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	1	1	1	0	4						2	1%
Conditions Beyond Control	2	8	5	4	0	0	0						5	3%
Driver Identity Unclear	1	0	0	0	1	0	0						1	1%
Driver Obstructed	0	2	2	0	0	0	0						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	5	8	0	1	0	0	0						5	3%
Glare on Windshield	0	4	1	0	2	0	0						2	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	92	79	128	104	0	0	0						101	57%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	34	29	40	33	64	31	21						36	20%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0						1	1%
Out of State	4	2	1	3	6	4	5						4	2%
Plate Obstructed	2	5	6	1	4	0	1						3	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	10	7	0	24	33						16	9%
Total:	145	138	194	154	78	59	64						177	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	2	0	0	0	0	0						2	19%
Dark Interior	2	1	0	0	0	0	0						2	14%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	4	6	8	9	3	5	6						6	57%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	0						1	10%
Total:	7	9	8	9	3	5	6						10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	20	20	19	19	19	19						19	
Average Issued Red Seconds	2.9	2.1	2.3	2.5	1.9	2.7	3.1						3	
Citation / Violation Issuance Rate	20%	14%	1%	18%	60%	63%	60%						34%	
Controllable Issuance Rate	84%	72%	20%	80%	98%	96%	95%						78%	



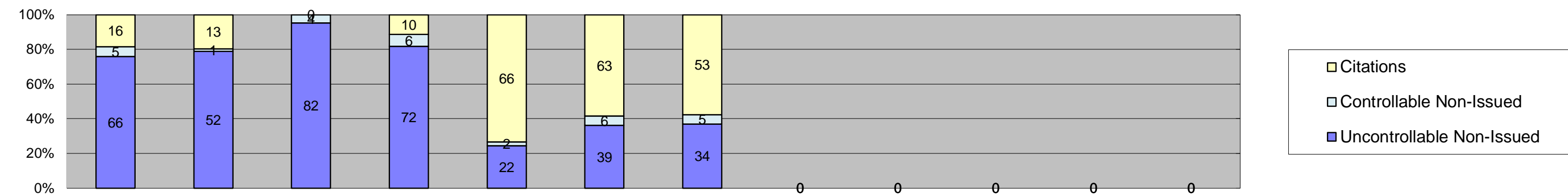
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1361: NB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	162	159	175	174	175	158	173						168	58%
Violations	126	96	108	119	129	124	135						120	42%
Total:	288	255	283	293	304	282	308						288	100%
Violations														
Uncontrollable Non-Issued	100	71	102	97	44	61	69						78	62%
Controllable Non-Issued	5	5	6	4	7	1	7						5	4%
Citations	21	20	0	18	78	62	59						43	34%
Total:	126	96	108	119	129	124	135						126	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	4	8	8	6	5	5						6	4%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	28	44	44	49	39	37	39						40	24%
Rear Axle Activation	0	1	1	1	2	2	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	127	110	122	116	128	114	129						121	72%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	162	159	175	174	175	158	173						168	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	1	1	3	0	0	1						1	1%
Conditions Beyond Control	0	3	4	4	0	0	0						4	3%
Driver Identity Unclear	0	0	0	0	0	2	2						2	2%
Driver Obstructed	0	1	2	1	4	1	1						2	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	2	4	1	6	8	5	8						5	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	66	38	63	48	0	0	0						54	49%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	24	16	22	28	29	28	24						24	22%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	3	6	1	4	1	2	4						3	3%
Plate Obstructed	0	2	1	2	2	1	2						2	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	7	1	0	22	27						12	11%
Total:	100	71	102	97	44	61	69						109	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	2	1	1	1	2	0	0						1	14%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	4	5	3	3	1	4						3	34%
Emergency Vehicle Issue	0	0	0	0	2	0	0						2	21%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	3						3	31%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	5	5	6	4	7	1	7						10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	29	29	29	30	30	28	30						29	
Average Issued Red Seconds	5.8	5.9	6.5	5.0	6.1	5.4	5.2						6	
Citation / Violation Issuance Rate	17%	21%	0%	15%	60%	50%	44%						34%	
Controllable Issuance Rate	81%	80%	0%	82%	92%	98%	89%						87%	



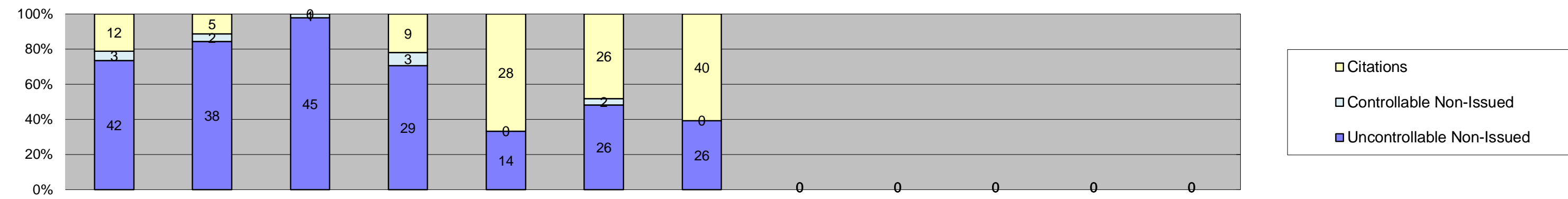
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1362: SB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	136	119	135	137	133	142	135						134	60%
Violations	87	66	86	88	90	108	92						88	40%
Total:	223	185	221	225	223	250	227						222	100%
Violations														
Uncontrollable Non-Issued	66	52	82	72	22	39	34						52	56%
Controllable Non-Issued	5	1	4	6	2	6	5						4	4%
Citations	16	13	0	10	66	63	53						37	39%
Total:	87	66	86	88	90	108	92						93	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	1	0	1	4	2						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	7	8	11	18	14	21	14						13	10%
Rear Axle Activation	0	0	2	0	0	2	0						2	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	127	110	121	119	118	115	119						118	87%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	136	119	135	137	133	142	135						136	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	0	0	0	1						1	1%
Conditions Beyond Control	2	0	4	2	0	0	0						3	3%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	0	0	0	0	1	0						1	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	0	0	0	1						1	1%
Glare on Windshield	0	0	1	1	4	1	1						2	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	47	39	51	46	0	0	0						46	58%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	13	11	13	16	15	18	15						14	18%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	1	0	4	1	2	3	1						2	3%
Plate Obstructed	1	1	2	2	1	0	0						1	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	1	0	7	4	0	16	15						9	11%
Total:	66	52	82	72	22	39	34						79	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	4	1	4	3	2	6	5						4	59%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	1	0	0	2	0	0	0						2	25%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	1	0	0	0						1	16%
Total:	5	1	4	6	2	6	5						6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	29	29	28	28	29	30	29						29	
Average Issued Red Seconds	1.7	1.8	2.0	1.8	1.5	1.6	1.7						2	
Citation / Violation Issuance Rate	18%	20%	0%	11%	73%	58%	58%						40%	
Controllable Issuance Rate	76%	93%	0%	63%	97%	91%	91%						85%	



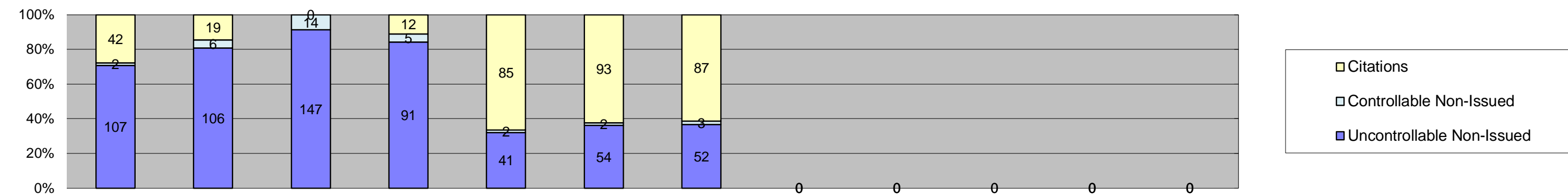
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1371:NB White Oak Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	125	110	126	179	128	148	127						135	75%
Violations	57	45	46	9	42	54	66						46	25%
Total:	182	155	172	188	170	202	193						180	100%
Violations														
Uncontrollable Non-Issued	42	38	45	29	14	26	26						31	59%
Controllable Non-Issued	3	2	1	3	0	2	0						2	4%
Citations	12	5	0	9	28	26	40						20	37%
Total:	57	45	46	41	42	54	66						54	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	1	2	2	3	2						2	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	1	1	6	52	7	8	7						12	9%
Rear Axle Activation	0	0	0	1	2	1	0						1	1%
Right Turn- No Violation	0	0	1	0	0	0	0						1	1%
Test Shot	120	107	118	124	117	136	118						120	88%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	125	110	126	179	128	148	127						136	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	2	1	0	0	0	2	2						2	3%
Conditions Beyond Control	0	0	1	2	0	0	0						2	3%
Driver Identity Unclear	0	0	0	0	0	0	1						1	2%
Driver Obstructed	1	0	0	1	0	1	0						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	2						2	4%
Glare on Windshield	3	3	3	2	10	5	6						5	9%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	1	0	0	0						1	2%
Issuance Criteria Not Met- PD	22	26	29	19	0	0	0						24	47%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	8	8	9	3	3	11	9						7	14%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0						1	2%
Out of State	0	0	0	0	0	1	0						1	2%
Plate Obstructed	2	0	1	1	0	0	1						1	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	2	0	0	6	5						4	8%
Total:	42	38	45	29	14	26	26						52	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	1	0	0	0	0	0	0						1	17%
Data Entry Error	1	2	1	3	0	0	0						2	30%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	1	0	0	0	0	0	0						1	17%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	1	0						1	17%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	17%
Total:	3	2	1	3	0	2	0						6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	17	16	18	17	17						17	
Average Issued Red Seconds	5.8	7.9	4.9	6.4	6.7	8.1	7.5						7	
Citation / Violation Issuance Rate	21%	11%	0%	22%	67%	48%	61%						38%	
Controllable Issuance Rate	80%	71%	0%	75%	100%	93%	100%						87%	



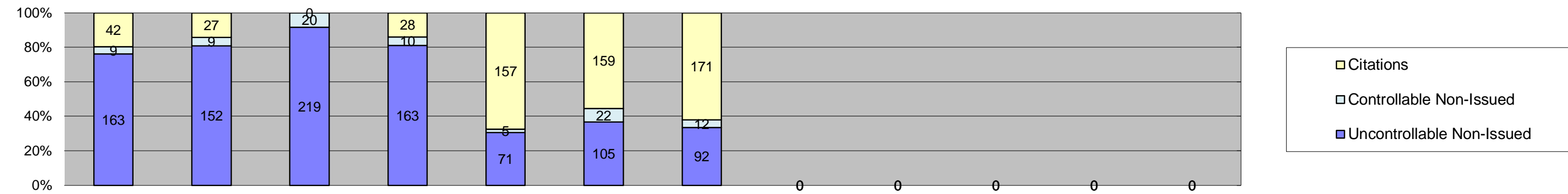
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1372: SB White Oak Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	182	173	178	169	182	243	224						193	58%
Violations	151	131	161	108	128	149	142						139	42%
Total:	333	304	339	277	310	392	366						332	100%
Violations														
Uncontrollable Non-Issued	107	106	147	91	41	54	52						85	58%
Controllable Non-Issued	2	6	14	5	2	2	3						5	3%
Citations	42	19	0	12	85	93	87						56	38%
Total:	151	131	161	108	128	149	142						147	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	7	2	1	3	5	4						4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	54	59	56	53	62	120	104						73	37%
Rear Axle Activation	0	2	1	0	1	3	0						2	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	124	105	119	115	116	115	116						116	60%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	182	173	178	169	182	243	224						194	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	3						3	2%
Conditions Beyond Control	5	3	7	4	0	0	0						5	4%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	1	0	0	3	0	1						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	6	6	1	1	1	0	0						3	2%
Glare on Windshield	0	0	0	1	0	0	0						1	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	67	69	98	50	0	0	0						71	55%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	20	24	29	22	32	34	31						27	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	2	2	2	1	3	2	3						2	2%
Plate Obstructed	1	1	0	3	2	2	0						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	3	0	0	0						3	2%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	6	0	10	6	0	16	14						10	8%
Total:	107	106	147	91	41	54	52						129	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	6	2	5	2	2	3						3	19%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	12	0	0	0	0						12	75%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	0						1	6%
Total:	2	6	14	5	2	2	3						16	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	33	34	33	35	37	35	35						35	
Average Issued Red Seconds	2.0	1.3	10.3	2.2	1.1	1.6	1.3						3	
Citation / Violation Issuance Rate	28%	15%	0%	11%	66%	62%	61%						41%	
Controllable Issuance Rate	95%	76%	0%	71%	98%	98%	97%						89%	



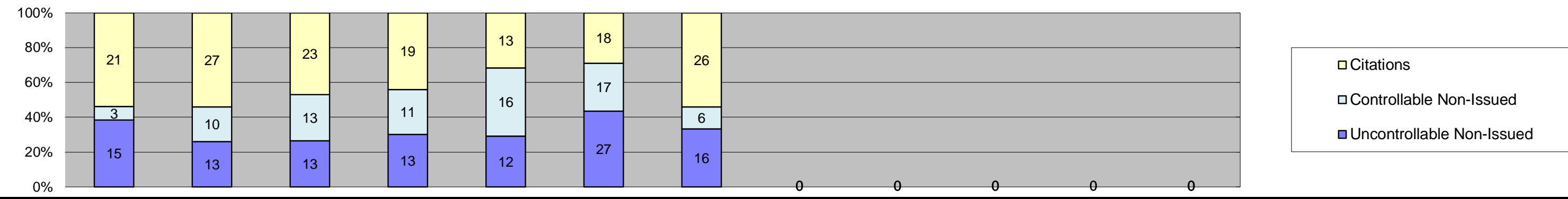
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1382 SB Lindley Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	182	143	203	175	189	183	181						179	43%
Violations	214	188	239	201	233	286	275						234	57%
Total:	396	331	442	376	422	469	456						413	100%
Violations														
Uncontrollable Non-Issued	163	152	219	163	71	105	92						138	56%
Controllable Non-Issued	9	9	20	10	5	22	12						12	5%
Citations	42	27	0	28	157	159	171						97	39%
Total:	214	188	239	201	233	286	275						248	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	1	6	2	7	7	7						5	3%
Emergency Vehicle PD	0	0	1	0	0	0	0						1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	58	39	78	59	63	60	56						59	32%
Rear Axle Activation	0	0	0	0	0	1	0						1	1%
Right Turn- No Violation	1	1	0	0	1	2	0						1	1%
Test Shot	120	102	118	114	118	113	118						115	63%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	182	143	203	175	189	183	181						182	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	3	5	2	1	3	1						2	1%
Conditions Beyond Control	3	6	8	6	0	0	0						6	3%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	1	0	1	0	5	2	1						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	26	20	7	2	1	1	3						9	4%
Glare on Windshield	0	0	0	0	0	2	1						2	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	1	0	0	0	0	0						1	1%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	91	74	140	100	0	0	0						101	53%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	29	39	39	41	52	54	56						44	23%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	3	4	5	4	6	7	2						4	2%
Plate Obstructed	4	5	3	3	6	4	2						4	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	11	5	0	32	26						16	8%
Total:	163	152	219	163	71	105	92						191	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	1	0	3	1	2	1	3						2	13%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	6	7	15	7	3	16	4						8	59%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	2	2	2	0	5	5						3	20%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	0						1	7%
Total:	9	9	20	10	5	22	12						14	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	33	34	32	34	32	33	33						33	
Average Issued Red Seconds	1.5	1.0	1.6	1.9	1.8	2.0	1.0						2	
Citation / Violation Issuance Rate	20%	14%	0%	14%	67%	56%	62%						39%	
Controllable Issuance Rate	82%	75%	0%	74%	97%	88%	93%						85%	



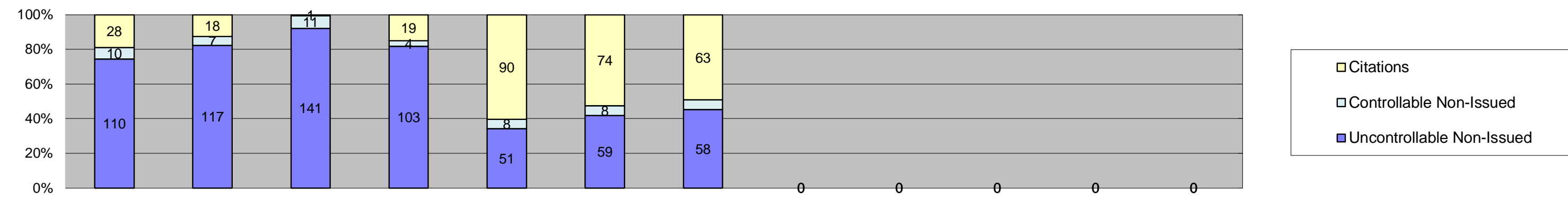
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1385: WB to NB Lindley Ave @ Oxnard St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	351	277	333	350	379	452	284						347	88%
Violations	39	50	49	43	41	62	48						47	12%
Total:	390	327	382	393	420	514	332						394	100%
Violations														
Uncontrollable Non-Issued	15	13	13	13	12	27	16						16	33%
Controllable Non-Issued	3	10	13	11	16	17	6						11	23%
Citations	21	27	23	19	13	18	26						21	44%
Total:	39	50	49	43	41	62	48						47	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	0	0	1	0						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	254	194	249	272	286	358	196						258	74%
Rear Axle Activation	0	0	1	0	0	0	0						1	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	97	83	83	78	93	93	88						88	25%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	351	277	333	350	379	452	284						348	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	2	1	0	0	0	1						1	6%
Driver Obstructed	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	1	0	1	1						1	5%
Glare on Windshield	0	0	1	0	3	1	1						2	7%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	1	0	0	0	0	0						1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	10	6	10	12	8	21	9						11	50%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	1	0	0	0	0	1						1	6%
Out of State	0	2	0	0	1	2	0						2	8%
Plate Obstructed	0	1	0	0	0	0	0						1	5%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	2	0	1	0	0	2	3						2	9%
Total:	15	13	13	13	12	27	16						22	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	10	12	11	16	17	6						11	91%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	1	0	0	0	0						1	9%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	3	10	13	11	16	17	6						12	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	14	14	15	15	14	13	14						14	
Average Issued Red Seconds	68.4	48.6	43.0	67.3	47.6	70.7	41.0						55	
Citation / Violation Issuance Rate	54%	54%	47%	44%	32%	29%	54%						45%	
Controllable Issuance Rate	88%	73%	64%	63%	45%	51%	81%						66%	



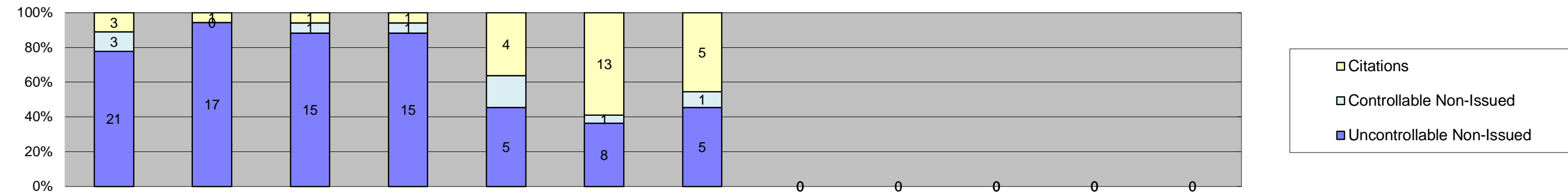
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1391: NB Reseda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	187	140	181	156	159	145	169						162	54%
Violations	148	142	153	126	149	141	128						141	46%
Total:	335	282	334	282	308	286	297						303	100%
Violations														
Uncontrollable Non-Issued	110	117	141	103	51	59	58						91	65%
Controllable Non-Issued	10	7	11	4	8	8	7						8	6%
Citations	28	18	1	19	90	74	63						42	30%
Total:	148	142	153	126	149	141	128						141	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	5	5	5	8	4	6						5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	26	20	43	27	26	16	26						26	16%
Rear Axle Activation	1	3	4	1	2	3	0						2	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	156	112	129	123	123	122	137						129	79%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	187	140	181	156	159	145	169						163	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	1	5	2	3	1						2	2%
Conditions Beyond Control	1	3	1	2	0	0	0						2	1%
Driver Identity Unclear	0	0	0	0	0	1	2						2	1%
Driver Obstructed	1	3	0	2	0	0	0						2	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	1	0	0	0	0	0						1	1%
Glare on Windshield	4	7	6	5	12	7	9						7	5%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	1	0	0	0	0						1	1%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	67	64	90	61	0	0	0						71	54%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	20	35	31	22	31	22	21						26	20%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0						1	1%
Out of State	4	2	3	1	2	1	2						2	2%
Plate Obstructed	8	2	0	4	3	1	3						4	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	8	1	0	24	20						11	9%
Total:	110	117	141	103	51	59	58						131	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	2	1	7	2	0						3	20%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	5	6	7	0	0	5	2						5	33%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	1	0	0	0	0	0	4						3	17%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	1	1	3	1	1	1						1	10%
Framing of Driver	0	0	1	0	0	0	0						1	7%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	2	0	0	0	0	0	0						2	13%
Total:	10	7	11	4	8	8	7						15	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	19	19	19	19	18	19						19	
Average Issued Red Seconds	3.5	4.3	3.3	3.3	3.0	3.4	4.2						4	
Citation / Violation Issuance Rate	19%	13%	1%	15%	60%	52%	49%						30%	
Controllable Issuance Rate	74%	72%	8%	83%	92%	90%	90%						73%	



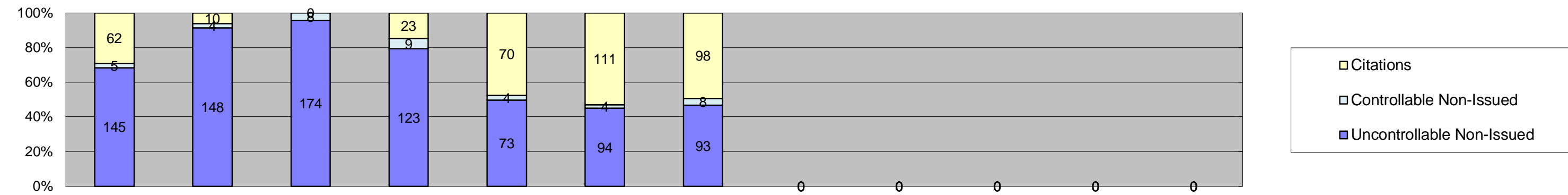
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1392: SB Reseda Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	135	117	141	127	131	131	137						131	88%
Violations	27	18	17	17	11	22	11						18	12%
Total:	162	135	158	144	142	153	148						149	100%
Violations														
Uncontrollable Non-Issued	21	17	15	15	5	8	5						12	69%
Controllable Non-Issued	3	0	1	1	2	1	1						2	8%
Citations	3	1	1	1	4	13	5						4	22%
Total:	27	18	17	17	11	22	11						18	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	2						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	4	1	6	1	0	5	2						3	2%
Rear Axle Activation	0	1	0	1	1	0	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	129	115	135	125	130	126	133						128	95%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	135	117	141	127	131	131	137						134	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	3	1	0	1	2	1	3						2	7%
Conditions Beyond Control	0	0	0	1	0	0	0						1	4%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	0	0	1	0	0	0						1	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	4	3	0	0	0	0	0						4	14%
Glare on Windshield	0	0	0	1	0	0	0						1	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	12	7	9	7	0	0	0						9	35%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	2	6	4	3	3	2	0						3	13%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	1	0	0	0						1	4%
Plate Obstructed	0	0	0	0	0	1	0						1	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	2	0	0	4	2						3	11%
Total:	21	17	15	15	5	8	5						25	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	0	0	0	1	1	0						1	33%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	0	0	1	1	0	1						1	33%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	1	0	0	0	0						1	33%
Total:	3	0	1	1	2	1	1						3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	17	18	18	19	17	17						18	
Average Issued Red Seconds	14.9	16.2	12.3	16.5	21.6	16.3	17.8						17	
Citation / Violation Issuance Rate	11%	6%	6%	6%	36%	59%	45%						24%	
Controllable Issuance Rate	50%	100%	50%	50%	67%	93%	83%						70%	



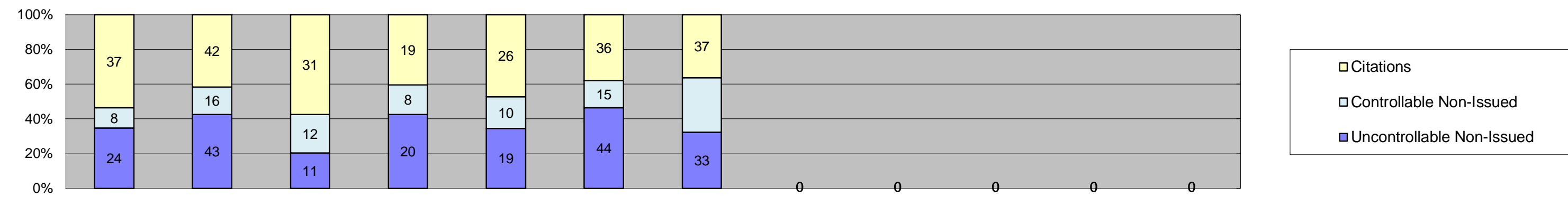
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1402: SB Mason Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	165	160	159	156	166	156	135						157	46%
Violations	212	162	182	155	147	209	199						181	54%
Total:	377	322	341	311	313	365	334						338	100%
Violations														
Uncontrollable Non-Issued	145	148	174	123	73	94	93						121	64%
Controllable Non-Issued	5	4	8	9	4	4	8						6	3%
Citations	62	10	0	23	70	111	98						62	33%
Total:	212	162	182	155	147	209	199						190	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	3	1	2	1	2	1						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	44	46	37	48	48	35	26						41	26%
Rear Axle Activation	2	6	5	4	5	2	0						4	3%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	118	105	116	102	112	117	108						111	71%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	165	160	159	156	166	156	135						157	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	0	0	0	0						1	1%
Conditions Beyond Control	6	4	7	4	0	0	0						5	3%
Driver Identity Unclear	0	0	0	1	1	3	2						2	1%
Driver Obstructed	1	1	3	0	3	2	2						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	2	4	13	8	23	21	14						12	7%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	92	99	101	70	0	0	0						91	53%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	32	38	39	31	42	48	51						40	24%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1						1	1%
Out of State	5	1	2	4	4	1	2						3	2%
Plate Obstructed	0	0	0	1	0	1	0						1	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	7	0	9	4	0	18	21						12	7%
Total:	145	148	174	123	73	94	93						169	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	5	2	7	8	3	3	7						5	69%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	14%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	2	1	1	1	1	0						1	17%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	5	4	8	9	4	4	8						7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	20	20	20	20	19	19	19						20	
Average Issued Red Seconds	48.6	41.2	41.2	35.4	63.3	32.4	37.7						43	
Citation / Violation Issuance Rate	29%	6%	0%	15%	48%	53%	49%						33%	
Controllable Issuance Rate	93%	71%	0%	72%	95%	97%	92%						87%	



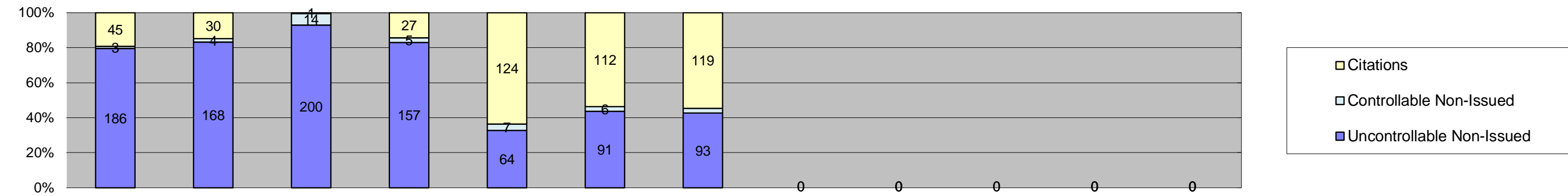
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1405: WB to NB Mason Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	541	617	539	556	512	860	998						660	90%
Violations	69	101	54	47	55	95	102						75	10%
Total:	610	718	593	603	567	955	1,100						735	100%
Violations														
Uncontrollable Non-Issued	24	43	11	20	19	44	33						28	37%
Controllable Non-Issued	8	16	12	8	10	15	32						14	19%
Citations	37	42	31	19	26	36	37						33	44%
Total:	69	101	54	47	55	95	102						75	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	0	1	0	0						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	419	509	412	436	385	738	871						539	81%
Rear Axle Activation	0	0	0	1	0	0	0						1	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	122	107	127	119	126	122	127						121	18%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	541	617	539	556	512	860	998						662	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	2	0	0	0	1	0						2	4%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	5	6	1	0	0	0	0						4	10%
Driver Obstructed	0	0	1	0	0	2	1						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	1						1	3%
Glare on Windshield	1	4	2	0	0	8	3						4	9%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	1	1	0	0	0	0	0						1	3%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	1	0	0	0	0	0						1	3%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	12	25	6	18	17	23	17						17	43%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	1	0	0	0						1	3%
Out of State	2	3	0	0	2	1	2						2	5%
Plate Obstructed	2	0	0	0	0	1	0						2	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	1	0	1	1	0	8	9						4	10%
Total:	24	43	11	20	19	44	33						39	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	1	0	0	0	0						1	5%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	1	0	0	0	0	0						1	5%
Data Entry Error	7	14	11	8	10	14	30						13	71%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	1	0	0	0	0	2						2	8%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	0	0	0	0	0	0						1	5%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	5%
Total:	8	16	12	8	10	15	32						19	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	17	16	15	17	16	17						16	
Average Issued Red Seconds	13.1	12.9	9.6	10.4	9.6	12.9	13.0						12	
Citation / Violation Issuance Rate	54%	42%	57%	40%	47%	38%	36%						45%	
Controllable Issuance Rate	82%	72%	72%	70%	72%	71%	54%						71%	



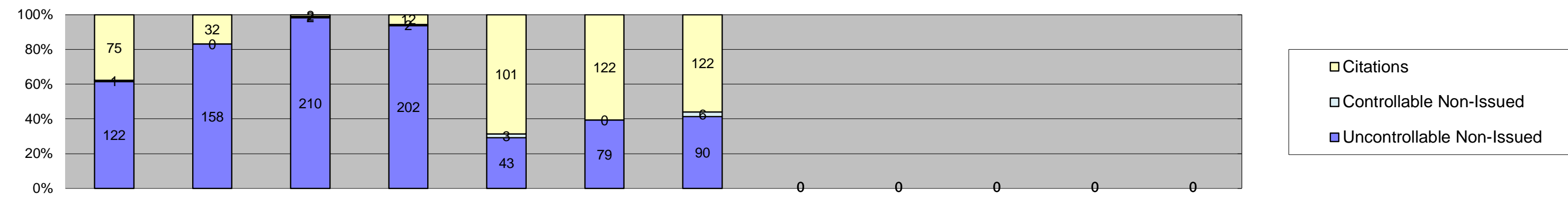
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1412: SB De Soto Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	186	153	170	186	185	173	171						175	46%
Violations	234	202	215	189	195	209	218						209	54%
Total:	420	355	385	375	380	382	389						384	100%
Violations														
Uncontrollable Non-Issued	186	168	200	157	64	91	93						137	66%
Controllable Non-Issued	3	4	14	5	7	6	6						6	3%
Citations	45	30	1	27	124	112	119						65	31%
Total:	234	202	215	189	195	209	218						209	100%
Non-Violations														
Emergency Vehicle Non-Issuable	17	12	16	14	16	12	19						15	9%
Emergency Vehicle PD	0	0	0	0	0	0	1						1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	46	33	31	53	36	35	27						37	21%
Rear Axle Activation	3	4	8	3	5	6	1						4	2%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	120	104	115	116	128	120	123						118	67%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	186	153	170	186	185	173	171						176	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	3	0	0	2	1	4						3	1%
Conditions Beyond Control	2	2	10	6	0	0	0						5	3%
Driver Identity Unclear	0	0	0	0	0	0	1						1	1%
Driver Obstructed	2	4	0	2	4	6	1						3	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	2	0	0	0	0	0						2	1%
Glare on Windshield	1	0	0	0	0	0	0						1	1%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	112	118	130	97	0	0	0						114	58%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	52	34	40	40	53	45	51						45	23%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	0	1	1	1						1	1%
Out of State	6	1	4	5	2	6	8						5	2%
Plate Obstructed	1	3	2	0	2	2	1						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	8	0	14	7	0	30	26						17	9%
Total:	186	168	200	157	64	91	93						198	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	1	0	1	0	0	1						1	7%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	2	7	4	6	5	4						4	33%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	7	0	0	0	0						7	52%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	1	0	0	1	1	1						1	7%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	3	4	14	5	7	6	6						13	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	28	28	29	30	29	28	30						29	
Average Issued Red Seconds	4.9	4.1	4.1	1.8	4.0	7.0	4.3						4	
Citation / Violation Issuance Rate	19%	15%	0%	14%	64%	55%	53%						32%	
Controllable Issuance Rate	94%	88%	7%	84%	95%	95%	95%						80%	



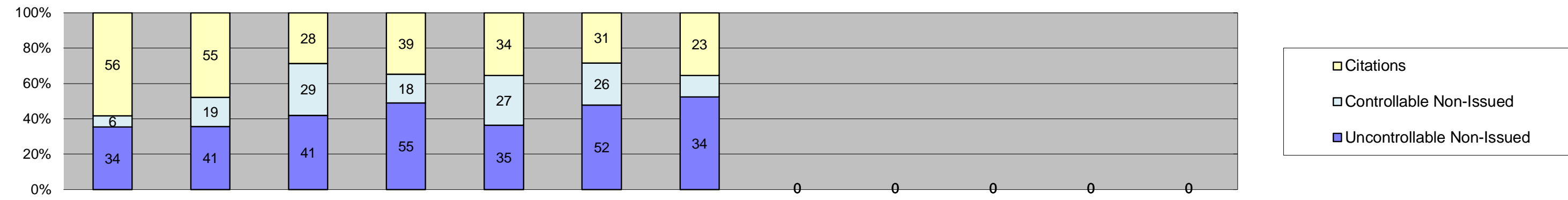
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1414: WB Van Owen St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	207	139	175	174	181	177	187						177	47%
Violations	198	190	214	216	147	201	218						198	53%
Total:	405	329	389	390	328	378	405						375	100%
Violations														
Uncontrollable Non-Issued	122	158	210	202	43	79	90						129	65%
Controllable Non-Issued	1	0	2	2	3	0	6						3	1%
Citations	75	32	2	12	101	122	122						67	34%
Total:	198	190	214	216	147	201	218						199	100%
Non-Violations														
Emergency Vehicle Non-Issuable	22	17	26	20	25	20	17						21	12%
Emergency Vehicle PD	0	0	0	0	0	0	3						3	2%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	128	73	87	86	99	100	105						97	54%
Rear Axle Activation	0	1	0	0	0	0	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	57	48	62	68	57	57	62						59	33%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	207	139	175	174	181	177	187						181	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	3	2	7	0	1	1						3	1%
Conditions Beyond Control	0	2	2	11	0	0	0						5	3%
Driver Identity Unclear	0	0	0	1	0	3	1						2	1%
Driver Obstructed	2	1	4	2	0	3	1						2	1%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	0	0	0	1	0	0						1	1%
Glare on Windshield	0	0	6	9	6	8	6						7	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	83	116	144	134	0	0	0						119	61%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	18	29	28	24	25	9	46						26	13%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0						1	1%
Out of State	9	6	8	7	11	12	6						8	4%
Plate Obstructed	2	1	0	0	0	0	0						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	16	7	0	43	29						20	10%
Total:	122	158	210	202	43	79	90						195	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	2	0	0						2	33%
Dark Interior	0	0	0	1	0	0	0						1	17%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	1	0	0	0	0						1	17%
Emergency Vehicle Issue	1	0	1	1	1	0	6						2	33%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	1	0	2	2	3	0	6						6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	30	28	30	28	27	30	30						29	
Average Issued Red Seconds	2.8	2.9	2.0	1.6	2.2	1.4	3.0						2	
Citation / Violation Issuance Rate	38%	17%	1%	6%	69%	61%	56%						35%	
Controllable Issuance Rate	99%	100%	50%	86%	97%	100%	95%						90%	



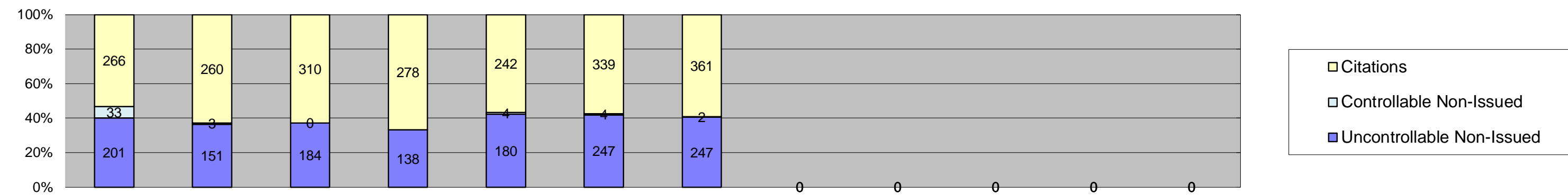
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1415: WB to NB De Soto Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	252	263	323	307	323	289	333						299	75%
Violations	96	115	98	112	96	109	65						99	25%
Total:	348	378	421	419	419	398	398						397	100%
Violations														
Uncontrollable Non-Issued	34	41	41	55	35	52	34						42	42%
Controllable Non-Issued	6	19	29	18	27	26	8						19	19%
Citations	56	55	28	39	34	31	23						38	38%
Total:	96	115	98	112	96	109	65						99	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	0	0	0						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	139	164	218	204	204	180	228						191	64%
Rear Axle Activation	0	1	2	0	3	1	0						2	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	112	98	103	103	116	108	105						106	35%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	252	263	323	307	323	289	333						300	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	1	0	1	1	1						1	2%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	9	0	2	1	0	0						4	6%
Driver Obstructed	0	1	0	0	2	3	2						2	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	1	3	0	0	0						2	4%
Glare on Windshield	0	1	6	7	9	12	4						7	12%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	2	0	0	0	0	0	0						2	4%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	3	0	0	0	0	0						3	6%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	20	20	24	38	21	29	19						24	45%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	2	2	1	0	0	0						2	3%
Out of State	2	4	3	3	0	1	1						2	4%
Plate Obstructed	1	0	1	0	1	0	0						1	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	5	0	3	1	0	6	7						4	8%
Total:	34	41	41	55	35	52	34						54	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	1	0						1	5%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	6	18	29	18	27	24	6						18	86%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	1	0	0	0	1	1						1	5%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	1						1	5%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	6	19	29	18	27	26	8						21	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	15	15	14	14	15	15	15						15	
Average Issued Red Seconds	14.1	11.8	11.1	13.2	12.4	12.8	11.4						12	
Citation / Violation Issuance Rate	58%	48%	29%	35%	35%	28%	35%						38%	
Controllable Issuance Rate	90%	74%	49%	68%	56%	54%	74%						67%	



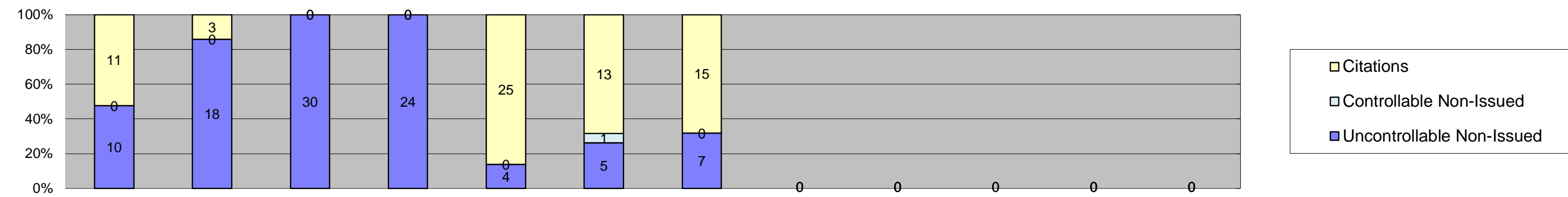
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1419: NB to EB Canoga Ave @ Vanowen St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	572	479	641	625	626	662	686						613	55%
Violations	500	414	494	416	426	590	610						493	45%
Total:	1,072	893	1,135	1,041	1,052	1,252	1,296						1,106	100%
Violations														
Uncontrollable Non-Issued	201	151	184	138	180	247	247						193	39%
Controllable Non-Issued	33	3	0	0	4	4	2						9	2%
Citations	266	260	310	278	242	339	361						294	59%
Total:	500	414	494	416	426	590	610						495	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	2	0	0	2	1						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	1	0	0	0	0						1	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	571	479	636	623	626	660	684						611	99%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	2	2	0	0	1						2	0%
Total:	572	479	641	625	626	662	686						615	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	1	1	0						1	0%
Car Obstructed	2	0	0	0	3	1	0						2	1%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	12	21	4	2	0	4	4						8	4%
Driver Obstructed	4	2	5	3	7	5	5						4	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	3	8	3	3	6	11	10						6	3%
Glare on Windshield	0	1	0	1	0	0	1						1	0%
Illegible Plate	0	0	1	0	1	0	0						1	0%
Interest of Justice- PD	0	1	0	0	0	0	0						1	0%
Image Quality- PD	0	0	0	0	1	1	4						2	1%
Issuance Criteria Not Met- PD	0	0	2	1	0	0	0						2	1%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	117	78	96	85	115	99	115						101	48%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	32	31	26	22	28	37	28						29	14%
Out of State	18	9	16	13	16	21	13						15	7%
Plate Obstructed	2	0	0	0	2	1	2						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	1	0	0	0	0	1	4						2	1%
TSB No Hit	10	0	31	8	0	65	61						35	17%
Total:	201	151	184	138	180	247	247						212	100%
Controllable Non-Issued Violations														
Cnduent Expire	31	0	0	0	0	0	0						31	78%
Clarity of Plate	0	0	0	0	0	2	1						2	4%
Clarity of Driver	0	0	0	0	1	0	0						1	3%
Dark Interior	1	0	0	0	0	1	1						1	3%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	2	0	0						2	5%
Equipment Malfunction	0	2	0	0	0	1	0						2	4%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	1	0	0	0	1	0	0						1	3%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	1	0	0	0	0	0						1	3%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	33	3	0	0	4	4	2						40	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	13	13	12	13	12	11	12						12	
Average Issued Red Seconds	19.4	16.1	17.1	13.9	14.6	15.5	16.0						16	
Citation / Violation Issuance Rate	53%	63%	63%	67%	57%	57%	59%						60%	
Controllable Issuance Rate	89%	99%	100%	100%	98%	99%	99%						98%	



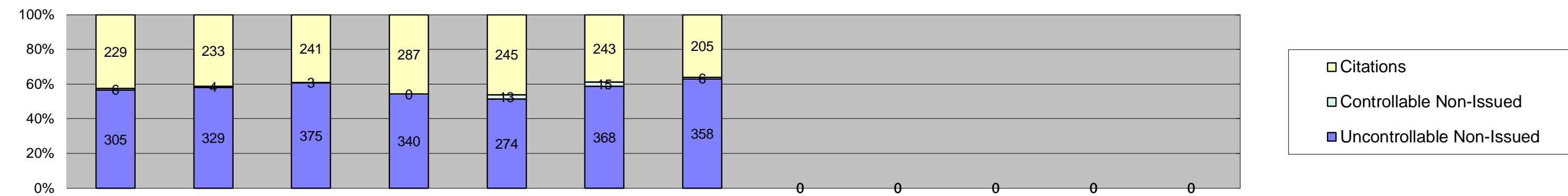
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1424: WB Sherman Way @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	91	70	95	94	81	87	77						85	78%
Violations	21	21	30	24	29	19	22						24	22%
Total:	112	91	125	118	110	106	99						109	100%
Violations														
Uncontrollable Non-Issued	10	18	30	24	4	5	7						14	49%
Controllable Non-Issued	0	0	0	0	0	1	0						1	4%
Citations	11	3	0	0	25	13	15						13	47%
Total:	21	21	30	24	29	19	22						28	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	1	4	5	6	1	5						4	4%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	36	22	32	38	18	33	21						29	34%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	52	47	59	51	57	53	51						53	62%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	91	70	95	94	81	87	77						85	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	2	0	0	0	0	0						2	7%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	0	0	0	0	0	1						1	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	0	0	0	0						1	4%
Glare on Windshield	0	1	1	0	0	0	0						1	4%
Illegible Plate	0	0	0	0	1	0	0						1	4%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	6	13	15	19	0	0	0						13	47%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	0	6	2	0	1	3						3	9%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	1	1	0	2	2	1	0						1	5%
Plate Obstructed	0	0	0	1	1	0	0						1	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	2	0	8	0	0	3	3						4	14%
Total:	10	18	30	24	4	5	7						28	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0						1	100%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	0	0	0	1	0						1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	20	17	23	17	19	17						19	
Average Issued Red Seconds	18.0	21.4	23.7	20.4	19.5	23.6	21.7						21	
Citation / Violation Issuance Rate	52%	14%	0%	0%	86%	68%	68%						58%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	93%	100%						99%	



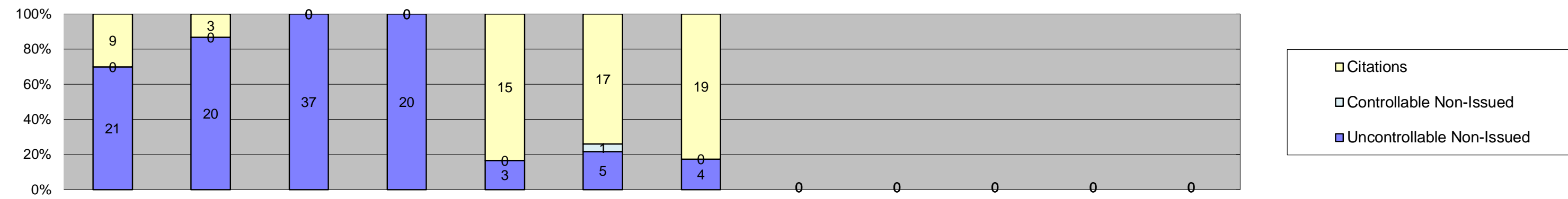
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1429: NB to EB Canoga Ave @ Sherman Way



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	953	889	1,073	1,149	1,117	1,019	966						1,024	64%
Violations	540	566	619	627	532	626	569						583	36%
Total:	1,493	1,455	1,692	1,776	1,649	1,645	1,535						1,606	100%
Violations														
Uncontrollable Non-Issued	305	329	375	340	274	368	358						336	57%
Controllable Non-Issued	6	4	3	0	13	15	6						8	1%
Citations	229	233	241	287	245	243	205						240	41%
Total:	540	566	619	627	532	626	569						584	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	0	1	2	3	3	5						3	0%
Emergency Vehicle PD	0	0	1	1	1	1	0						1	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0						1	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	944	885	1,060	1,142	1,108	1,015	953						1,015	99%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	5	4	10	4	5	0	8						6	1%
Total:	953	889	1,073	1,149	1,117	1,019	966						1,026	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	1	0	0						1	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1						1	0%
Car Obstructed	11	4	5	12	12	8	6						8	2%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	21	17	14	5	5	8	2						10	3%
Driver Obstructed	21	19	16	29	19	20	16						20	6%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	9	14	4	10	14	14	21						12	3%
Glare on Windshield	1	0	3	2	5	1	9						4	1%
Illegible Plate	0	1	4	0	0	1	0						2	1%
Interest of Justice- PD	1	1	0	0	0	0	0						1	0%
Image Quality- PD	1	2	0	3	3	0	0						2	1%
Issuance Criteria Not Met- PD	0	0	2	0	0	0	0						2	1%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	102	111	112	123	102	116	119						112	32%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	104	135	131	114	88	102	95						110	31%
Out of State	14	15	27	9	18	15	11						16	4%
Plate Obstructed	7	10	8	13	7	8	10						9	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	13	0	49	20	0	75	68						45	13%
Total:	305	329	375	340	274	368	358						355	100%
Controllable Non-Issued Violations														
Cnduent Expire	3	0	0	0	0	0	0						3	13%
Clarity of Plate	0	0	0	0	3	5	2						3	14%
Clarity of Driver	0	0	0	0	0	3	0						3	13%
Dark Interior	2	4	0	0	2	0	0						3	11%
Data Box Related- PD	0	0	0	0	0	1	0						1	4%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	1	0	0	0	0						1	4%
Exposed	0	0	0	0	7	4	0						6	24%
Equipment Malfunction	0	0	1	0	0	1	2						1	6%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	1	0	0	0	2						2	6%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	1	0	0	0	1	1	0						1	4%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	6	4	3	0	13	15	6						23	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	13	13	14	14	15	13	13						14	
Average Issued Red Seconds	26.0	24.4	21.1	25.7	23.4	25.2	24.3						24	
Citation / Violation Issuance Rate	42%	41%	39%	46%	46%	39%	36%						41%	
Controllable Issuance Rate	97%	98%	99%	100%	95%	94%	97%						97%	



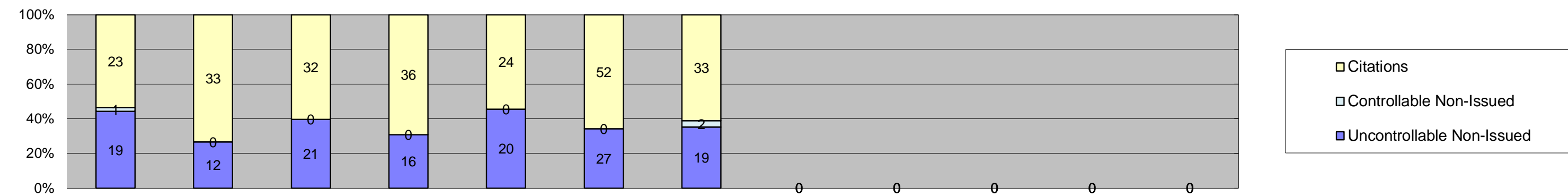
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1434: WB Valerio St @ Busway



Events	Month												Year to Date	
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Quantity	Average %
Non-Violations	152	202	105	93	94	88	90						118	83%
Violations	30	23	37	20	18	23	23						25	17%
Total:	182	225	142	113	112	111	113						143	100%
Violations														
Uncontrollable Non-Issued	21	20	37	20	3	5	4						16	54%
Controllable Non-Issued	0	0	0	0	0	1	0						1	3%
Citations	9	3	0	0	15	17	19						13	43%
Total:	30	23	37	20	18	23	23						29	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	0	1	0						1	1%
Emergency Vehicle PD	0	1	0	0	0	0	0						1	1%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	101	148	49	39	38	33	32						63	52%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	50	52	56	54	56	54	58						54	45%
Amber Time Low	0	1	0	0	0	0	0						1	1%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	152	202	105	93	94	88	90						120	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	0	0	0	0						1	3%
Conditions Beyond Control	0	0	1	2	0	0	0						2	5%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	1	0	1	0	0	1	0						1	3%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	15	16	32	13	0	0	0						19	65%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	3	2	4	3	0	1						2	8%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	1	0	0	1						1	3%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	1	0	0	0	0	0						1	3%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	1	0	0	4	2						3	9%
Total:	21	20	37	20	3	5	4						29	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	1	0						1	100%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	0	0	0	1	0						1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	25	24	24	24	27	23	21						24	
Average Issued Red Seconds	15.3	1.0	2.5	42.5	6.7	1.9	9.7						11	
Citation / Violation Issuance Rate	30%	13%	0%	0%	83%	74%	83%						57%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	94%	100%						99%	



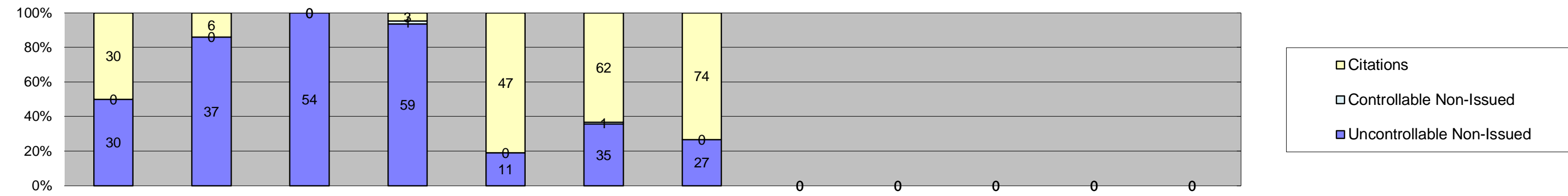
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1439: NB to EB Canoga Ave @ Valerio St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	30	31	38	44	34	38	30						35	40%
Violations	43	45	53	52	44	79	54						53	60%
Total:	73	76	91	96	78	117	84						88	100%
Violations														
Uncontrollable Non-Issued	19	12	21	16	20	27	19						19	35%
Controllable Non-Issued	1	0	0	0	0	0	2						2	3%
Citations	23	33	32	36	24	52	33						33	62%
Total:	43	45	53	52	44	79	54						54	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0						0	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	30	31	38	44	34	38	30						35	100%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	30	31	38	44	34	38	30						35	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	3	1	0	0	0	0	1						2	6%
Driver Obstructed	0	0	0	1	0	1	1						1	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	0	0	0	0	0	0	1						1	4%
Illegible Plate	0	0	0	0	1	0	0						1	4%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	1	0	0	0						1	4%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	10	8	10	13	18	13	7						11	40%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	2	4	0	0	4	1						3	9%
Out of State	0	1	2	1	1	2	2						2	5%
Plate Obstructed	2	0	0	0	0	0	0						2	7%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	2	0	5	0	0	7	6						5	18%
Total:	19	12	21	16	20	27	19						28	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	2						2	67%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	1	0	0	0	0	0	0						1	33%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	1	0	0	0	0	0	2						3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	9	10	10	11	11	10	11						10	
Average Issued Red Seconds	18.8	15.7	13.8	12.5	12.3	14.5	9.4						14	
Citation / Violation Issuance Rate	53%	73%	60%	69%	55%	66%	61%						63%	
Controllable Issuance Rate	96%	100%	100%	100%	100%	100%	94%						99%	



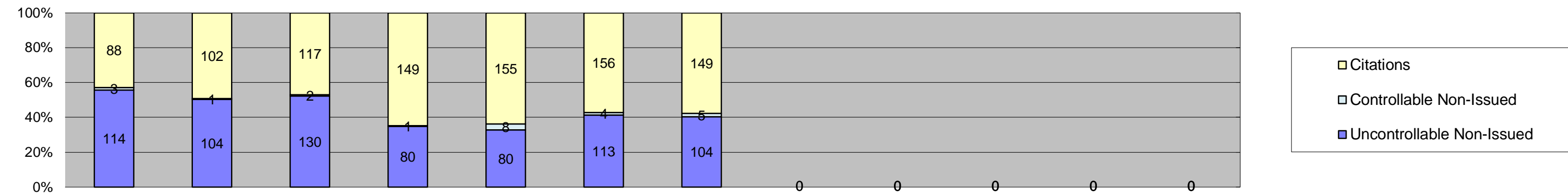
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1444: WB Saticoy St @ Busway



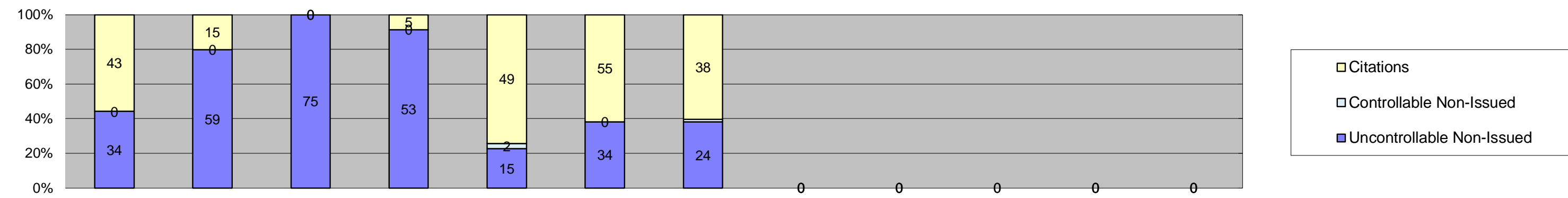
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	136	98	146	129	154	162	186						144	68%
Violations	60	43	54	63	58	98	101						68	32%
Total:	196	141	200	192	212	260	287						213	100%
Violations														
Uncontrollable Non-Issued	30	37	54	59	11	35	27						36	49%
Controllable Non-Issued	0	0	0	1	0	1	0						1	1%
Citations	30	6	0	3	47	62	74						37	50%
Total:	60	43	54	63	58	98	101						74	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	9	6	4	7	3						5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0						1	1%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	81	51	80	71	95	106	131						88	60%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	51	45	56	52	55	49	52						51	35%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	136	98	146	129	154	162	186						145	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	1	1	0	0	0						1	2%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	1	0	1	0	0	1	0						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	0	0	0	1	0	0	1						1	2%
Illegible Plate	0	0	1	0	0	0	0						1	2%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	21	34	37	46	0	0	0						35	60%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	5	2	7	8	6	12	10						7	12%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	1	0	2	5	2	1						2	4%
Plate Obstructed	0	0	2	0	0	0	1						2	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	5	1	0	20	14						9	15%
Total:	30	37	54	59	11	35	27						58	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	1	0	0	0						1	50%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0						1	50%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	0	1	0	1	0						2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	30	27	29	28	26	28	28						28	
Average Issued Red Seconds	5.3	3.3	4.0	5.8	7.8	5.5	6.9						6	
Citation / Violation Issuance Rate	50%	14%	0%	5%	81%	63%	73%						48%	
Controllable Issuance Rate	100%	100%	0%	75%	100%	98%	100%						96%	



Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1449: NB to EB Canoga Ave @ Saticoy St



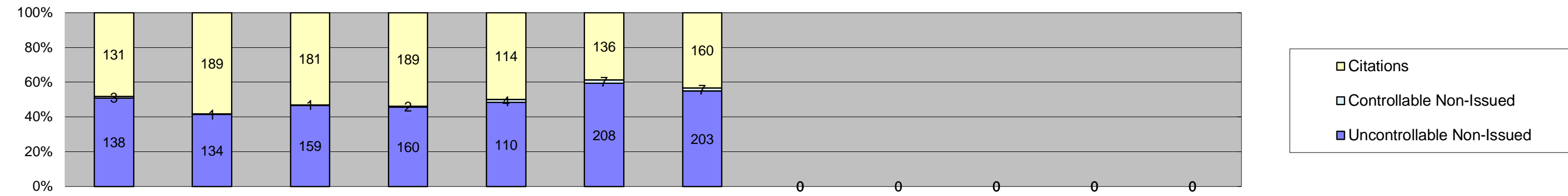
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	391	434	373	271	293	267	240						324	58%
Violations	205	207	249	230	243	273	258						238	42%
Total:	596	641	622	501	536	540	498						562	100%
Violations														
Uncontrollable Non-Issued	114	104	130	80	80	113	104						104	44%
Controllable Non-Issued	3	1	2	1	8	4	5						3	1%
Citations	88	102	117	149	155	156	149						131	55%
Total:	205	207	249	230	243	273	258						238	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	5	2	0	1	0						2	1%
Emergency Vehicle PD	0	3	1	0	0	3	1						2	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	389	430	367	269	293	263	239						321	99%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	391	434	373	271	293	267	240						326	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	2	0	1	0	1	1	0						1	1%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	20	17	27	8	5	3	4						12	10%
Driver Obstructed	3	2	2	1	3	1	6						3	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	6	6	10	3	0	0	1						5	5%
Glare on Windshield	7	14	28	2	4	7	3						9	8%
Illegible Plate	0	0	0	0	1	0	0						1	1%
Interest of Justice- PD	0	1	0	0	0	0	0						1	1%
Image Quality- PD	12	13	5	2	3	4	6						6	6%
Issuance Criteria Not Met- PD	0	0	2	0	1	0	0						2	1%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	45	40	30	45	47	41	47						42	37%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	5	7	10	6	8	11	9						8	7%
Out of State	6	4	4	5	5	3	6						5	4%
Plate Obstructed	1	0	1	2	2	6	0						2	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	1	0	0	0	0	0	0						1	1%
TSB No Hit	6	0	10	6	0	36	22						16	14%
Total:	114	104	130	80	80	113	104						114	100%
Controllable Non-Issued Violations														
Cnduent Expire	2	0	0	0	0	0	0						2	18%
Clarity of Plate	0	0	0	0	3	0	1						2	18%
Clarity of Driver	0	0	0	0	3	1	0						2	18%
Dark Interior	0	1	1	0	2	3	2						2	16%
Data Box Related- PD	1	0	0	0	0	0	0						1	9%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	1	0	0	2						2	13%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	1	0	0	0	0						1	9%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	3	1	2	1	8	4	5						11	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	11	11	11	11	11	11	11						11	
Average Issued Red Seconds	20.1	17.4	20.5	18.6	17.9	20.8	18.9						19	
Citation / Violation Issuance Rate	43%	49%	47%	65%	64%	57%	58%						55%	
Controllable Issuance Rate	97%	99%	98%	99%	95%	98%	97%						98%	



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	637	184	609	764	245	231	242						416	85%
Violations	77	74	75	58	66	89	63						72	15%
Total:	714	258	684	822	311	320	305						488	100%
Violations														
Uncontrollable Non-Issued	34	59	75	53	15	34	24						42	54%
Controllable Non-Issued	0	0	0	0	2	0	1						2	2%
Citations	43	15	0	5	49	55	38						34	44%
Total:	77	74	75	58	66	89	63						78	100%
Non-Violations														
Emergency Vehicle Non-Issuable	14	3	7	5	18	5	10						9	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	568	135	549	704	171	173	179						354	85%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	55	46	53	55	56	53	53						53	13%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	637	184	609	764	245	231	242						416	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	4	1	0	0	0						3	4%
Driver Identity Unclear	0	1	0	0	0	1	1						1	2%
Driver Obstructed	0	0	0	0	1	1	1						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	5	1	0	0	0	1						2	4%
Glare on Windshield	1	3	6	0	1	1	3						3	4%
Illegible Plate	0	1	0	0	0	0	0						1	2%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	17	40	44	45	0	0	0						37	55%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	6	7	10	3	11	9	5						7	11%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	6	2	1	2	2	5	4						3	5%
Plate Obstructed	0	0	1	0	0	0	0						1	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	0	0	0	0	0	0	0						0	0%
TSB No Hit	4	0	8	2	0	17	9						8	12%
Total:	34	59	75	53	15	34	24						66	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	1	0	0						1	50%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	1	0	1						1	50%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	0	0	2	0	1						2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	34	30	31	35	36	37	32						34	
Average Issued Red Seconds	3.9	5.8	3.1	2.8	4.8	3.1	4.8						4	
Citation / Violation Issuance Rate	56%	20%	0%	9%	74%	62%	60%						47%	
Controllable Issuance Rate	100%	100%	0%	100%	96%	100%	97%						99%	



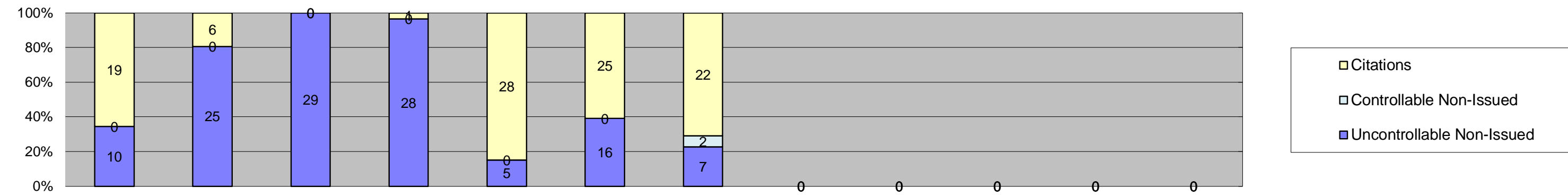
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1459: NB to EB Canoga Ave @ Roscoe Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	451	431	441	431	551	498	421						461	59%
Violations	272	324	341	351	228	351	370						320	41%
Total:	723	755	782	782	779	849	791						780	100%
Violations														
Uncontrollable Non-Issued	138	134	159	160	110	208	203						159	50%
Controllable Non-Issued	3	1	1	2	4	7	7						4	1%
Citations	131	189	181	189	114	136	160						157	49%
Total:	272	324	341	351	228	351	370						320	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	2	3	2	1	2						2	0%
Emergency Vehicle PD	0	0	0	1	0	1	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	450	426	432	422	548	494	419						456	98%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	1	0	0						1	0%
Vehicle Stopped- PD	0	3	7	5	0	2	0						4	1%
Total:	451	431	441	431	551	498	421						464	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	1	0	0	0						1	1%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	19	19	11	8	1	15	15						13	7%
Driver Obstructed	11	5	5	17	7	16	11						10	6%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	9	3	5	6	3	1	0						5	3%
Glare on Windshield	1	1	5	7	4	15	14						7	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	1	0	0	0	0	0	0						1	1%
Image Quality- PD	3	6	5	9	9	11	13						8	5%
Issuance Criteria Not Met- PD	0	0	0	1	1	0	0						1	1%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	43	43	50	50	54	62	68						53	31%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	36	49	46	46	24	36	33						39	23%
Out of State	2	6	4	3	5	11	13						6	4%
Plate Obstructed	3	2	5	2	2	4	1						3	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	1	0	0	0	1						1	1%
TSB No Hit	10	0	22	10	0	37	34						23	13%
Total:	138	134	159	160	110	208	203						169	100%
Controllable Non-Issued Violations														
Cnduent Expire	1	0	0	0	0	0	0						1	10%
Clarity of Plate	0	0	0	0	1	4	3						3	26%
Clarity of Driver	0	0	0	0	1	0	0						1	10%
Dark Interior	1	0	0	1	0	2	2						2	15%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	1	1	0						1	10%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	1	0	1	1	0	0						1	10%
Framing of Driver	0	0	0	0	0	0	1						1	10%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	1	0	1	0	0	0	1						1	10%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	3	1	1	2	4	7	7						10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	11	11	11	10	11	11	11						11	
Average Issued Red Seconds	21.3	20.1	20.0	20.0	20.2	20.1	19.9						20	
Citation / Violation Issuance Rate	48%	58%	53%	54%	50%	39%	43%						49%	
Controllable Issuance Rate	98%	99%	99%	99%	97%	95%	96%						98%	



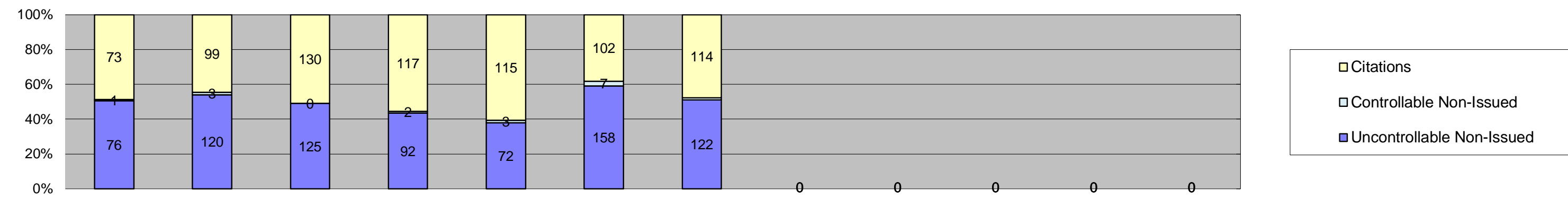
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1464: WB Parthenia St @ Canoga Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	98	100	114	117	125	107	105						109	77%
Violations	29	31	29	29	33	41	31						32	23%
Total:	127	131	143	146	158	148	136						141	100%
Violations														
Uncontrollable Non-Issued	10	25	29	28	5	16	7						17	48%
Controllable Non-Issued	0	0	0	0	0	0	2						2	6%
Citations	19	6	0	1	28	25	22						17	47%
Total:	29	31	29	29	33	41	31						36	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	3	4	2	2	3						2	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	47	51	55	63	69	55	53						56	51%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	50	48	56	50	54	50	49						51	47%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
Total:	98	100	114	117	125	107	105						109	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	1	0						1	3%
Conditions Beyond Control	1	0	0	1	0	0	0						1	3%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	0	1	0	1	0	0	1						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	1	0	0	0	1						1	3%
Glare on Windshield	0	1	1	1	2	1	1						1	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	3	20	25	19	0	0	0						17	55%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	3	3	0	2	2	5	2						3	9%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	1	1	0	2	0						1	4%
Plate Obstructed	0	0	0	0	1	0	0						1	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	1	3	0	7	2						3	11%
Total:	10	25	29	28	5	16	7						30	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	1						1	50%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1						1	50%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	0	0	0	0	2						2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	33	37	36	37	34	32	33						35	
Average Issued Red Seconds	7.0	2.6	1.1	4.5	4.0	5.0	7.0						4	
Citation / Violation Issuance Rate	66%	19%	0%	3%	85%	61%	71%						51%	
Controllable Issuance Rate	100%	100%	0%	100%	100%	100%	92%						99%	



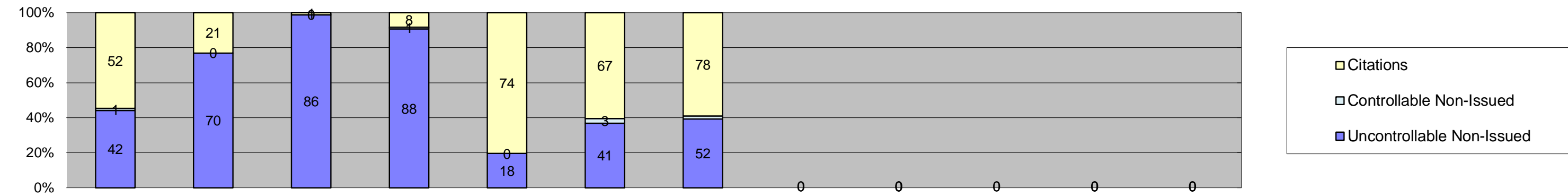
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1469: NB to EB Canoga Ave @ Parthenia St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	135	163	196	196	206	159	160						174	44%
Violations	150	222	255	211	190	267	239						219	56%
Total:	285	385	451	407	396	426	399						393	100%
Violations														
Uncontrollable Non-Issued	76	120	125	92	72	158	122						109	50%
Controllable Non-Issued	1	3	0	2	3	7	3						3	1%
Citations	73	99	130	117	115	102	114						107	49%
Total:	150	222	255	211	190	267	239						220	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	1	2	1	4	1	0						2	1%
Emergency Vehicle PD	0	0	1	0	0	0	0						1	1%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	131	160	190	194	200	158	159						170	97%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	1	2	3	1	2	0	1						2	1%
Total:	135	163	196	196	206	159	160						175	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	1	0	0	0	0						1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1						1	1%
Car Obstructed	0	1	0	0	0	0	1						1	1%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	6	5	8	2	3	2	2						4	3%
Driver Obstructed	9	11	12	18	1	3	8						9	7%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	2	0	0	1	0	0						1	1%
Glare on Windshield	1	0	1	2	0	2	9						3	2%
Illegible Plate	0	1	0	2	0	0	0						2	1%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	1	3	1	1	3	6	4						3	2%
Issuance Criteria Not Met- PD	0	0	1	1	0	0	0						1	1%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	27	35	41	23	29	51	41						35	29%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	21	54	33	35	30	49	28						36	29%
Out of State	7	5	2	3	3	1	4						4	3%
Plate Obstructed	0	3	1	0	2	2	1						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	3	0	24	5	0	42	23						19	16%
Total:	76	120	125	92	72	158	122						121	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	2	3	3						3	39%
Clarity of Driver	0	0	0	0	1	2	0						2	22%
Dark Interior	1	2	0	2	0	2	0						2	25%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	1	0	0	0	0	0						1	14%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	1	3	0	2	3	7	3						7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	10	11	11	11	11	10	10						11	
Average Issued Red Seconds	15.0	14.5	12.7	13.7	14.6	13.3	13.6						14	
Citation / Violation Issuance Rate	49%	45%	51%	55%	61%	38%	48%						49%	
Controllable Issuance Rate	99%	97%	100%	98%	97%	94%	97%						97%	



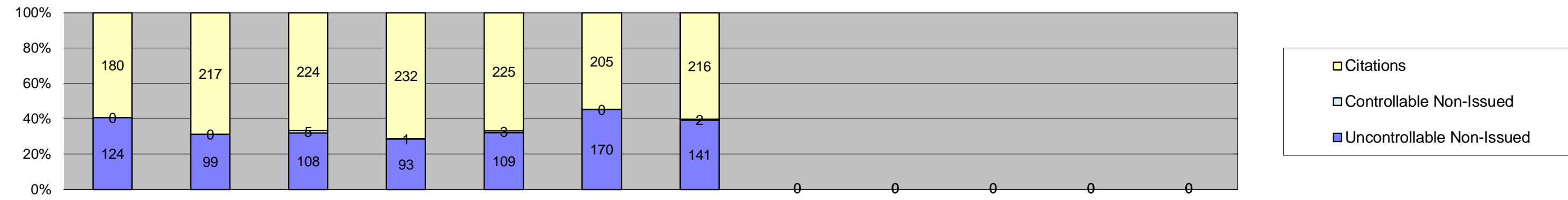
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1474: WB Nordhoff St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	187	160	211	259	243	268	263						227	69%
Violations	95	91	87	97	92	111	132						101	31%
Total:	282	251	298	356	335	379	395						328	100%
Violations														
Uncontrollable Non-Issued	42	70	86	88	18	41	52						57	56%
Controllable Non-Issued	1	0	0	1	0	3	2						2	2%
Citations	52	21	1	8	74	67	78						43	42%
Total:	95	91	87	97	92	111	132						101	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	3	4	4	3	1	3						3	1%
Emergency Vehicle PD	1	0	0	0	0	0	0						1	0%
Intersection Control in Progress-PD	1	0	0	0	0	0	0						1	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	132	107	147	196	184	215	208						170	74%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	51	50	59	59	56	52	52						54	24%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	1	0	0	0	0						1	0%
Total:	187	160	211	259	243	268	263						230	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	1	0	1	2	2						1	2%
Conditions Beyond Control	2	6	0	5	0	0	0						4	5%
Driver Identity Unclear	0	0	0	0	1	2	0						2	2%
Driver Obstructed	2	2	3	1	1	0	0						2	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	1	4	0	4	3	5	14						5	6%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	26	49	71	69	0	0	0						54	61%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	7	2	4	6	10	9	14						7	8%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	1	5	1	1	2	3	4						2	3%
Plate Obstructed	0	2	0	0	0	1	0						2	2%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	2	0	6	2	0	19	18						9	11%
Total:	42	70	86	88	18	41	52						89	100%
Controllable Non-Issued Violations														
Cnduent Expire	1	0	0	0	0	0	0						1	20%
Clarity of Plate	0	0	0	0	0	1	0						1	20%
Clarity of Driver	0	0	0	1	0	1	0						1	20%
Dark Interior	0	0	0	0	0	1	1						1	20%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1						1	20%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	1	0	0	1	0	3	2						5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	35	36	34	30	30	29	34						33	
Average Issued Red Seconds	4.7	2.3	5.3	6.4	10.9	15.7	9.7						8	
Citation / Violation Issuance Rate	55%	23%	1%	8%	80%	60%	59%						41%	
Controllable Issuance Rate	98%	100%	100%	89%	100%	96%	98%						97%	



Los Angeles County MTA Orange Line
Approach Summary Report
Location 1479: NB to EB Canoga Ave @ Nordhoff



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	351	351	309	350	331	357	340						341	50%
Violations	304	316	337	326	337	375	359						336	50%
Total:	655	667	646	676	668	732	699						678	100%
Violations														
Uncontrollable Non-Issued	124	99	108	93	109	170	141						121	36%
Controllable Non-Issued	0	0	5	1	3	0	2						3	1%
Citations	180	217	224	232	225	205	216						214	63%
Total:	304	316	337	326	337	375	359						337	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	3	1	0	3	0						2	1%
Emergency Vehicle PD	0	0	0	0	0	1	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	350	351	304	346	331	353	339						339	98%
Rear Axle Activation	0	0	0	1	0	0	0						1	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	0	0	0	0	0	0	0						0	0%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	1	0	2	2	0	0	1						2	0%
Total:	351	351	309	350	331	357	340						345	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	1	0	0	0	0						1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	0	0	0	1						1	1%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	11	9	1	2	1	7	6						5	4%
Driver Obstructed	5	1	0	3	4	5	1						3	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	3	0	1	0	1	0						2	1%
Glare on Windshield	1	1	0	0	2	3	4						2	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	1	0	0	1	2	1	0						1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	62	55	54	54	72	76	65						63	47%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	30	25	16	20	14	15	13						19	14%
Out of State	7	4	10	6	12	9	7						8	6%
Plate Obstructed	0	1	0	1	2	3	2						2	1%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	1						1	1%
TSB No Hit	5	0	26	5	0	50	41						25	19%
Total:	124	99	108	93	109	170	141						133	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	1	0	0						1	15%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	1	0	2	0	0						2	23%
Dark Interior	0	0	1	1	0	0	1						1	15%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	2	0	0	0	0						2	31%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	1	0	0	0	1						1	15%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
Total:	0	0	5	1	3	0	2						7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	10	10	11	11	12	11	11						11	
Average Issued Red Seconds	17.1	15.0	16.8	15.3	16.7	15.8	14.8						16	
Citation / Violation Issuance Rate	59%	69%	66%	71%	67%	55%	60%						64%	
Controllable Issuance Rate	100%	100%	98%	100%	99%	100%	99%						99%	



Los Angeles County MTA Orange Line
Monthly Citation Yield - By Location
July 2018

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Daily Yield*
NB	Tujunga Ave @ Busway	1301	Straight	31	313	130	67	2.16
SB	Tujunga Ave @ Busway	1302	Straight	31	182	29	14	0.45
EB	Oxnard St @ Buffalo Ave	1313	Straight	31	299	110	53	1.71
WB	Oxnard St @ Buffalo Ave	1314	Straight	31	364	92	50	1.61
NB	Woodman Ave @ Busway	1321	Straight	31	184	49	34	1.10
SB	Woodman Ave @ Busway	1322	Straight	31	358	190	117	3.77
NB	Kester Ave @ Busway	1331	Straight	31	256	34	20	0.65
SB	Kester Ave @ Busway	1332	Straight	31	322	176	97	3.13
NB	Sepulveda Blvd @ Busway	1341	Straight	31	481	315	151	4.87
SB	Sepulveda Blvd @ Busway	1342	Straight	31	425	222	114	3.68
NB	Woodley @ Busway	1351	Straight	31	371	189	103	3.32
SB	Woodley @ Busway	1352	Straight	31	328	175	105	3.39
NB	Balboa Blvd @ Busway	1361	Straight	31	308	135	59	1.90
SB	Balboa Blvd @ Busway	1362	Straight	31	227	92	53	1.71
NB	White Oak Ave @ Busway	1371	Straight	31	193	66	40	1.29
SB	White Oak Ave @ Busway	1372	Straight	31	366	142	87	2.81
SB	Lindley Ave @ Busway	1382	Straight	31	456	275	171	5.52
WB to NB	Lindley Ave @ Oxnard St	1385	Right	31	332	48	26	0.84
NB	Reseda Blvd @ Busway	1391	Right	31	297	128	63	2.03
SB	Reseda Blvd @ Busway	1392	Straight	31	148	11	5	0.16
SB	Mason Ave @ Busway	1402	Straight	31	334	199	98	3.16
WB to NB	Mason Ave @ Victory Blvd	1405	Right	31	1,100	102	37	1.19
SB	De Soto Ave @ Busway	1412	Straight	31	389	218	119	3.84
WB to NB	De Soto Ave @ Victory Blvd	1415	Right	31	398	65	23	0.74
WB	Van Owen St @ Busway	1414	Straight	31	405	218	122	3.94
NB to EB	Canoga Ave @ Vanowen St	1419	Right	31	1,296	610	361	11.65
WB	Sherman Way @ Busway	1424	Straight	31	99	22	15	0.48
NB to EB	Canoga Ave @ Sherman Way	1429	Right	31	1,535	569	205	6.61
WB	Valerio St @ Busway	1434	Straight	31	113	23	19	0.61
NB to EB	Canoga Ave @ Valerio St	1439	Right	31	84	54	33	1.06
WB	Saticoy St @ Busway	1444	Straight	31	287	101	74	2.39
NB to EB	Canoga Ave @ Saticoy St	1449	Right	31	498	258	149	4.81
WB	Roscoe Blvd @ Busway	1454	Straight	31	305	63	38	1.23
NB to EB	Canoga Ave @ Roscoe Blvd	1459	Right	31	791	370	160	5.16
WB	Parthenia St @ Busway	1464	Straight	31	136	31	22	0.71
NB to EB	Canoga Ave @ Parthenia St	1469	Right	31	399	239	114	3.68
WB	Nordhoff St @ Busway	1474	Straight	31	395	132	78	2.52
NB to EB	Canoga Ave @ Nordhoff St	1479	Right	31	699	359	216	6.97
Totals				31	15,473	6,241	3,312	106.84

*Yield is the number of citations issued per day of enforcement