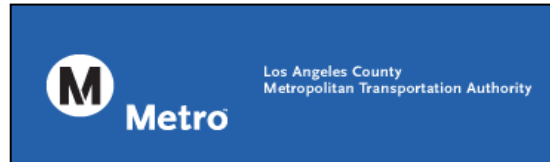




# Blue Line Monthly Report



July 2018



Prepared by: Conduent State and Local Solutions  
Confidential

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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 Blue Line captured a total of 8,027 events. The project recorded 1,206 possible violations and 6,821 non-violations. The LA County Sheriff's Department issued 462 citations reflecting a 38% issuance rate and a controllable issuance rate of 81%. The following controllable non-issued violations occurred for these reasons and are being addressed:

65 Framing of Car/3 Framing of Driver / 1 Framing of Plate

These events 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.

19 Data Entry / 1 Equipment Malfunction

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

19 Dark Interior

Adjustments have been made to the cameras to avoid this error and we have had a 75% improvement since last month.

1 Clarity of Driver

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

### *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.

In recent months, the California Highway Patrol has increased enforcement, assigning dedicated strike teams working overtime shifts to catch the cheats, but the agency has been unable to abate the problem. Lanes created to move at a decent clip are sometimes as sluggish as the regular lanes, triggering rising frustration in drivers legitimately using the carpool lane and in those stuck in the slower lanes watching cheaters pass them by.

"If the system breaks down because there's no trust in the system and everyone's cheating, that's a problem. I don't think we can just sit by and do nothing," said Randy Rentschler, a spokesman for the Metropolitan Transportation Commission, which oversees carpool-lane operations for the Bay Area.

The camera technology being tested comes from one of three firms with systems that MTC has decided to look at. All three claim their automated systems can snap photos of a passing vehicle, accurately count the number of passengers and send citations to violators. All three will be tested in turn. The MTC will review the results for reliability and effectiveness sometime this summer.

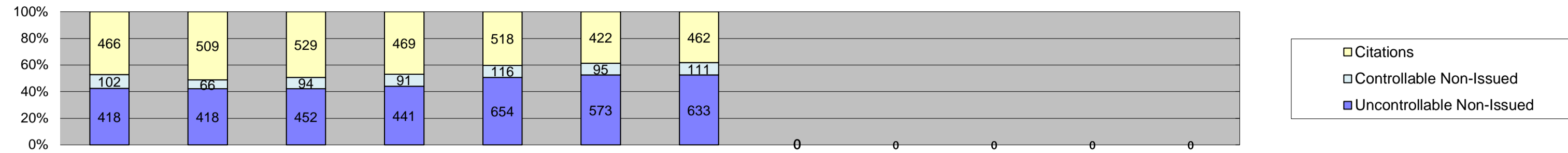
"The goal here is to demonstrate that (the technology) ... can work with a high degree of accuracy," Rentschler said.

Even if the technology proves effective, it could still be a long road to employing the system on Bay Area freeways. The MTC would need state legislation allowing passenger-counting cameras to be used to issue citations. And they'd have to overcome privacy concerns about cameras peering into vehicles, reading license plates and keeping records of the numbers of occupants.

But first, Rentschler said, "We can't even have the political discussions until we prove that we can do it."

Drivers interviewed last week at a Berkeley gas station near Interstate 80, which has the Bay Area's busiest carpool lanes, agreed with the need for better enforcement, but some were leery.

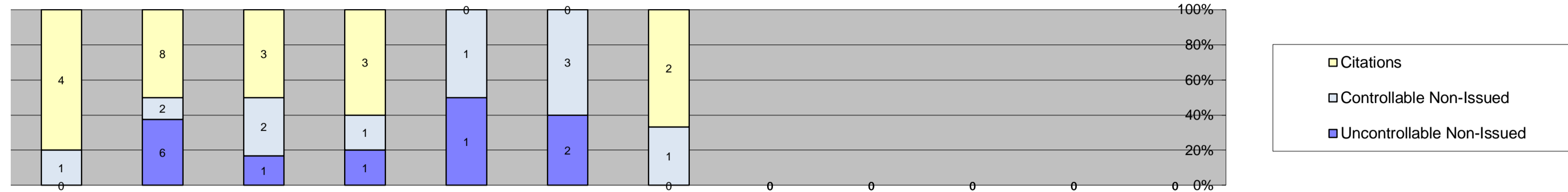
(For full article go to <http://www.govtech.com/transportation/California-Deploys-Cameras-to-Catch-Carpool-Cheaters.html>)



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 Average		
													Quantity	%	
Non-Violations	7,084	5,916	7,244	6,107	6,426	6,168	6,821							6,538	86%
Violations	986	993	1,075	1,001	1,288	1,090	1,206							1,091	14%
<b>Total:</b>	<b>8,070</b>	<b>6,909</b>	<b>8,319</b>	<b>7,108</b>	<b>7,714</b>	<b>7,258</b>	<b>8,027</b>							<b>7,629</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	418	418	452	441	654	573	633							513	47%
Controllable Non-Issued	102	66	94	91	116	95	111							96	9%
Citations	466	509	529	469	518	422	462							482	44%
<b>Total:</b>	<b>986</b>	<b>993</b>	<b>1,075</b>	<b>1,001</b>	<b>1,288</b>	<b>1,090</b>	<b>1,206</b>							<b>1,091</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	20	22	19	24	21	28	24							23	0%
Emergency Vehicle PD	0	1	1	1	2	3	0							2	0%
Intersection Control in Progress- PD	0	0	0	0	1	2	0							2	0%
Gate Down/ No Train	0	0	0	0	0	0	0							0	0%
No Violation Occurred	5,238	4,081	5,153	4,213	4,432	4,064	4,878							4,580	70%
Rear Axle Activation	0	1	1	0	0	1	0							1	0%
Right Turn- No Violation	0	0	0	0	0	0	0							0	0%
Test Shot	1,823	1,810	2,068	1,868	1,966	2,068	1,918							1,932	30%
Amber Time Low	0	0	0	0	1	0	0							1	0%
Vehicle Stopped- PD	3	1	2	1	3	2	1							2	0%
<b>Total:</b>	<b>7,084</b>	<b>5,916</b>	<b>7,244</b>	<b>6,107</b>	<b>6,426</b>	<b>6,168</b>	<b>6,821</b>							<b>6,541</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Car Obstructed	26	28	24	28	27	25	25							26	5%
Conditions Beyond Control	0	0	9	0	0	0	0							9	2%
Driver Identity Unclear	60	53	26	31	55	27	38							41	7%
Driver Obstructed	31	27	34	36	43	40	34							35	6%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	48	31	20	12	17	16	21							24	4%
Glare on Windshield	19	30	28	47	48	65	67							43	8%
Illegible Plate	11	10	14	6	9	12	11							10	2%
Interest of Justice- PD	1	0	0	1	0	0	0							1	0%
Image Quality- PD	3	2	3	11	13	9	7							7	1%
Issuance Criteria Not Met- PD	2	5	11	8	0	0	1							5	1%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	149	176	143	164	183	207	185							172	31%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	23	25	14	22	19	14	19							19	3%
Out of State	17	8	16	15	16	15	17							15	3%
Plate Obstructed	28	23	16	17	25	24	27							23	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	94	43	199	119	181							127	23%
<b>Total:</b>	<b>418</b>	<b>418</b>	<b>452</b>	<b>441</b>	<b>654</b>	<b>573</b>	<b>633</b>							<b>559</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	1							1	1%
Dark Interior	16	4	6	21	14	19	19							14	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	19	8	14	12	31	11	19							16	16%
Emergency Vehicle Issue	0	0	0	0	0	0	0							0	0%
Exposed	0	0	0	0	0	0	0							0	0%
Equipment Malfunction	4	8	7	1	2	0	1							4	4%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	55	43	65	54	67	63	65							59	59%
Framing of Driver	6	2	0	0	1	1	3							3	3%
Operator Error	0	0	0	0	0	0	0							0	0%
Framing of Plate	0	0	0	0	0	0	1							1	1%
Reject Expired	0	0	0	0	0	0	0							0	0%
Speed Not Determined	2	1	2	3	1	1	2							2	2%
<b>Total:</b>	<b>102</b>	<b>66</b>	<b>94</b>	<b>91</b>	<b>116</b>	<b>95</b>	<b>111</b>							<b>99</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	17	17	17	16	16	17	17							17	
Average Issued Red Seconds	48.0	76.0	12.0	110.6	14.1	44.8	44.6							50.0	
Citation / Violation Issuance Rate	47%	51%	49%	47%	40%	39%	38%							45%	
Controllable Issuance Rate	82%	89%	85%	84%	82%	82%	81%							83%	



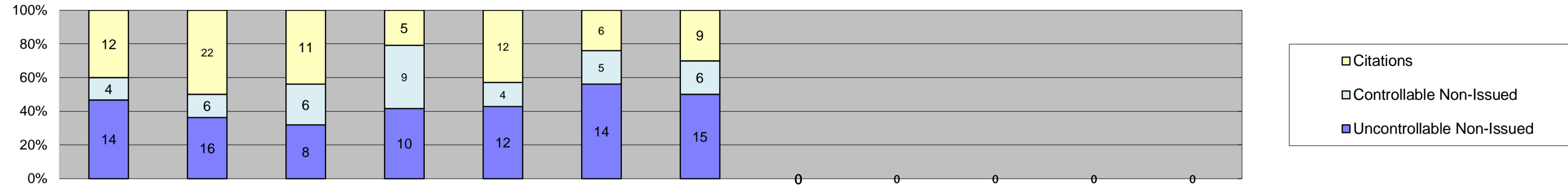
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 322: WB 20th St @ Long Beach Ave  
 Straight Through Movements



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 Average		
													Quantity	%	
Non-Violations	265	286	287	307	327	307	322							300	98%
Violations	5	16	6	5	2	5	3							6	2%
<b>Total:</b>	<b>270</b>	<b>302</b>	<b>293</b>	<b>312</b>	<b>329</b>	<b>312</b>	<b>325</b>							<b>306</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	0	6	1	1	1	2	0							2	28%
Controllable Non-Issued	1	2	2	1	1	3	1							2	20%
Citations	4	8	3	3	0	0	2							4	51%
<b>Total:</b>	<b>5</b>	<b>16</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>3</b>							<b>8</b>	<b>100%</b>
<b>Non-Violations</b>															
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	121	133	119	155	158	138	162							141	47%
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	143	153	168	152	169	169	160							159	53%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	1	0	0	0	0	0	0							1	0%
<b>Total:</b>	<b>265</b>	<b>286</b>	<b>287</b>	<b>307</b>	<b>327</b>	<b>307</b>	<b>322</b>							<b>301</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	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	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	2	0	0	0	0	0							2	30%
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	0	0	0	0	0	0	0							0	0%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	0	2	0	0	1	2	0							2	25%
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	0	0	0	0							1	15%
Plate Obstructed	0	1	0	1	0	0	0							1	15%
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	1	0	0	0	0							1	15%
<b>Total:</b>	<b>0</b>	<b>6</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>0</b>							<b>7</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	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	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	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	1	1	2	1							1	59%
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%
<b>Total:</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>3</b>	<b>1</b>							<b>2</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	8	8	8	0	0	0	12							9	
Average Issued Red Seconds	175.8	555.6	5.5	0.0	0.0	0.0	281.0							254.5	
Citation / Violation Issuance Rate	80%	50%	50%	60%	0%	0%	67%							61%	
Controllable Issuance Rate	80%	80%	60%	75%	0%	0%	67%							72%	



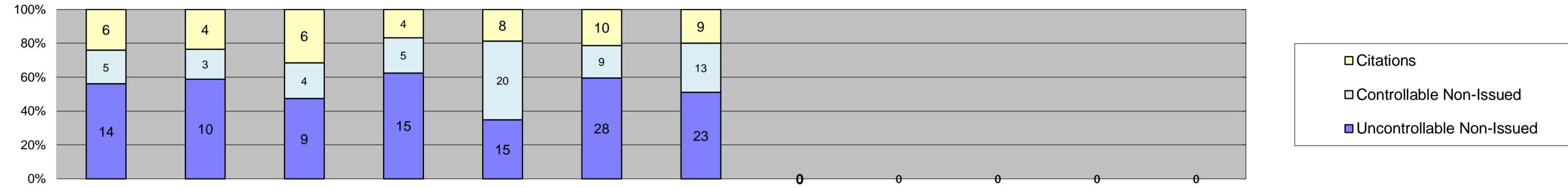
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Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	118	108	127	117	122	150	152						128	81%
Violations	30	44	25	24	28	25	30						29	19%
<b>Total:</b>	<b>148</b>	<b>152</b>	<b>152</b>	<b>141</b>	<b>150</b>	<b>175</b>	<b>182</b>						<b>157</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	14	16	8	10	12	14	15						13	43%
Controllable Non-Issued	4	6	6	9	4	5	6						6	19%
Citations	12	22	11	5	12	6	9						11	37%
<b>Total:</b>	<b>30</b>	<b>44</b>	<b>25</b>	<b>24</b>	<b>28</b>	<b>25</b>	<b>30</b>						<b>29</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	1	0	0	0	0						1	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	29	31	30	28	28	54	47						35	27%
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	87	77	96	89	94	96	105						92	71%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	2	0	0	0	0	0	0						2	2%
<b>Total:</b>	<b>118</b>	<b>108</b>	<b>127</b>	<b>117</b>	<b>122</b>	<b>150</b>	<b>152</b>						<b>130</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	3	2	1	0	2	0						2	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	3	0	0	0	0	0	0						3	12%
Driver Obstructed	2	1	0	1	0	0	2						2	6%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	2	0	0	0	0	0						2	6%
Glare on Windshield	0	0	0	3	0	1	2						2	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	2	0	0	0	0	0	0						2	8%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	1						1	4%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	4	7	2	4	2	3	2						3	14%
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	0	1	1	1						1	4%
Plate Obstructed	2	3	1	1	1	2	3						2	8%
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	0	8	5	4						5	21%
<b>Total:</b>	<b>14</b>	<b>16</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>14</b>	<b>15</b>						<b>24</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	1	0	0	1	1	2	0						1	16%
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	3	6	6	7	3	2	5						5	58%
Framing of Driver	0	0	0	0	0	0	1						1	13%
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	1	0						1	13%
<b>Total:</b>	<b>4</b>	<b>6</b>	<b>6</b>	<b>9</b>	<b>4</b>	<b>5</b>	<b>6</b>						<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	14	16	16	19	19	18						17	
Average Issued Red Seconds	250.1	498.0	7.3	1750.9	6.2	20.8	19.7						364.7	
Citation / Violation Issuance Rate	40%	50%	44%	21%	43%	24%	30%						36%	
Controllable Issuance Rate	75%	79%	65%	36%	75%	55%	60%						63%	



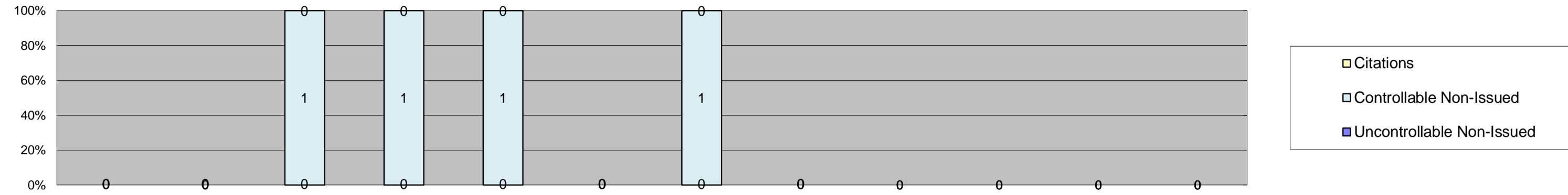
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 821: EB Century Blvd @ Grandee Ave  
 Straight Through Movements



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 Average	
													Quantity	%
Non-Violations	190	134	111	143	166	124	129						142	82%
Violations	25	17	19	24	43	47	45						31	18%
<b>Total:</b>	<b>215</b>	<b>151</b>	<b>130</b>	<b>167</b>	<b>209</b>	<b>171</b>	<b>174</b>						<b>174</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	14	10	9	15	15	28	23						16	52%
Controllable Non-Issued	5	3	4	5	20	9	13						8	27%
Citations	6	4	6	4	8	10	9						7	21%
<b>Total:</b>	<b>25</b>	<b>17</b>	<b>19</b>	<b>24</b>	<b>43</b>	<b>47</b>	<b>45</b>						<b>31</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	2	2	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	100	51	13	51	70	19	35						48	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	87	81	95	90	95	103	93						92	64%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	1	0	0	0	0						1	1%
<b>Total:</b>	<b>190</b>	<b>134</b>	<b>111</b>	<b>143</b>	<b>166</b>	<b>124</b>	<b>129</b>						<b>143</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	3	0	0	2	0						2	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	3	0	1	1	2	1						2	6%
Driver Obstructed	3	1	0	4	3	1	0						2	10%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	1	3	0	0	1	0						2	6%
Glare on Windshield	0	0	0	2	3	2	3						3	10%
Illegible Plate	1	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	1	0	0	0						1	4%
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	4	3	2	2	4	10	11						5	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	0	1	1	2	2	2						2	7%
Out of State	0	0	0	0	0	1	1						1	4%
Plate Obstructed	2	1	0	2	0	4	2						2	9%
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	0	2	1	3	3						2	9%
<b>Total:</b>	<b>14</b>	<b>10</b>	<b>9</b>	<b>15</b>	<b>15</b>	<b>28</b>	<b>23</b>						<b>24</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	0	0	1						1	9%
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	11	1	1						4	32%
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	4	3	4	5	9	8	11						6	58%
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%
<b>Total:</b>	<b>5</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>20</b>	<b>9</b>	<b>13</b>						<b>11</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	22	21	20	22	21	17	20						20	
Average Issued Red Seconds	11.7	51.5	45.9	6.0	5.7	204.6	48.0						53.3	
Citation / Violation Issuance Rate	24%	24%	32%	17%	19%	21%	20%						22%	
Controllable Issuance Rate	55%	57%	60%	44%	29%	53%	41%						48%	



Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 822: WB Century Blvd @ Grandee Ave  
 Straight Through Movements

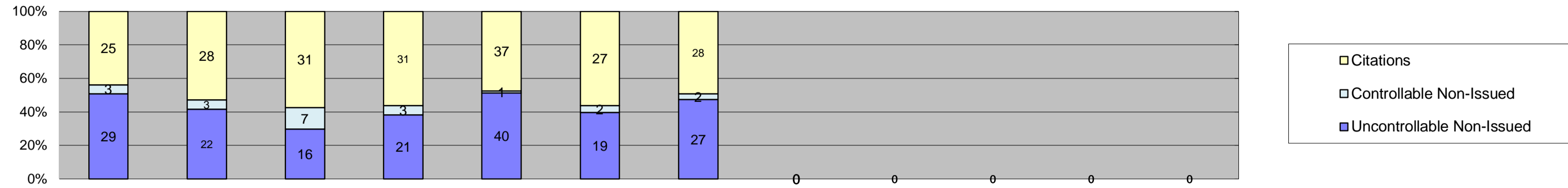


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average		
													Quantity	%	
Non-Violations	87	80	88	86	92	94	84							87	99%
Violations	0	0	1	1	1	0	1							1	1%
<b>Total:</b>	<b>87</b>	<b>80</b>	<b>89</b>	<b>87</b>	<b>93</b>	<b>94</b>	<b>85</b>							<b>88</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	0	0	0	0	0	0	0							0	0%
Controllable Non-Issued	0	0	1	1	1	0	1							1	100%
Citations	0	0	0	0	0	0	0							0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>							<b>1</b>	<b>100%</b>
<b>Non-Violations</b>															
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	0	0	0	0	0	0	0							0	0%
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	87	80	88	86	92	94	84							87	100%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0							0	0%
<b>Total:</b>	<b>87</b>	<b>80</b>	<b>88</b>	<b>86</b>	<b>92</b>	<b>94</b>	<b>84</b>							<b>87</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	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	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	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	0	0	0	0	0	0	0							0	0%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	0	0	0	0	0	0	0							0	0%
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	0	0	0	0							0	0%
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	0	0	0	0	0	0	0							0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>							<b>0</b>	<b>0%</b>
<b>Controllable Non-Issued Violations</b>															
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	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	1	0	1	0	1							1	50%
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	1	0	0	0							1	50%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>							<b>2</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	0	0	0	0	0	0	0							0	
Average Issued Red Seconds	0.0	0.0	0.0	0.0	0.0	0.0	0.0							0.0	
Citation / Violation Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%	
Controllable Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%	





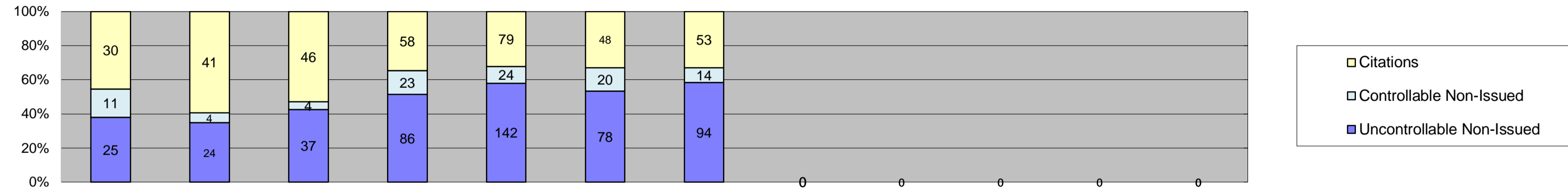
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 841: EB 103rd St @ Grandee Ave  
 Straight Through Movements



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 Average	
													Quantity	%
Non-Violations	135	107	137	144	173	151	157						143	71%
Violations	57	53	54	55	78	48	57						57	29%
<b>Total:</b>	<b>192</b>	<b>160</b>	<b>191</b>	<b>199</b>	<b>251</b>	<b>199</b>	<b>214</b>						<b>201</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	29	22	16	21	40	19	27						25	43%
Controllable Non-Issued	3	3	7	3	1	2	2						3	5%
Citations	25	28	31	31	37	27	28						30	51%
<b>Total:</b>	<b>57</b>	<b>53</b>	<b>54</b>	<b>55</b>	<b>78</b>	<b>48</b>	<b>57</b>						<b>57</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	1	4	1	0	5						3	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	29	37	51	69	54	61						50	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	88	78	99	89	103	97	91						92	64%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>135</b>	<b>107</b>	<b>137</b>	<b>144</b>	<b>173</b>	<b>151</b>	<b>157</b>						<b>145</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	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	4	1	0	0	1	2	0						2	6%
Driver Obstructed	2	0	0	1	2	0	1						2	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	6	5	2	1	4	1	1						3	8%
Glare on Windshield	0	0	0	1	0	0	5						3	8%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	1	0	0	0						1	3%
Image Quality- PD	0	0	0	1	1	0	0						1	3%
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	9	9	8	15	12	8	10						10	28%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	5	4	0	0	2	2	1						3	8%
Out of State	2	0	0	0	0	0	2						2	6%
Plate Obstructed	1	3	0	1	1	1	1						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	6	0	17	5	6						9	24%
<b>Total:</b>	<b>29</b>	<b>22</b>	<b>16</b>	<b>21</b>	<b>40</b>	<b>19</b>	<b>27</b>						<b>36</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	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	0	1	1						1	21%
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	1	0	0	0	0						1	21%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	1	5	3	1	1	1						2	38%
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	1	1	0	0	0	0						1	21%
<b>Total:</b>	<b>3</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>2</b>						<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	18	19	18	19	19	20						18	
Average Issued Red Seconds	28.6	6.1	6.2	8.1	5.8	8.7	18.5						11.7	
Citation / Violation Issuance Rate	44%	53%	57%	56%	47%	56%	49%						52%	
Controllable Issuance Rate	89%	90%	82%	91%	97%	93%	93%						91%	



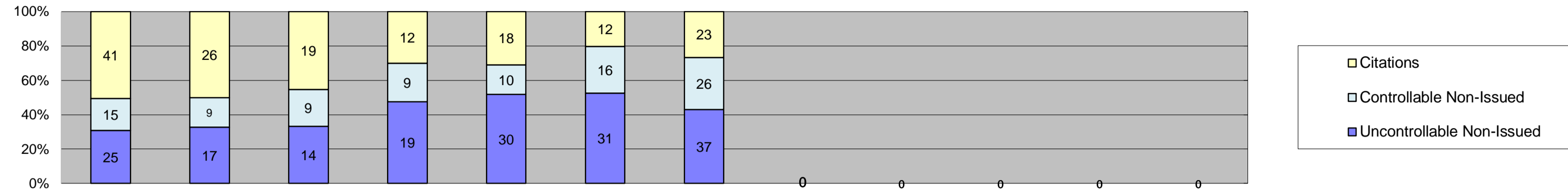
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 981: EB 119th St @ Willowbrook  
 Straight Through Movements



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 Average	
													Quantity	%
Non-Violations	367	192	115	160	240	126	143						192	59%
Violations	66	69	87	167	245	146	161						134	41%
<b>Total:</b>	<b>433</b>	<b>261</b>	<b>202</b>	<b>327</b>	<b>485</b>	<b>272</b>	<b>304</b>						<b>326</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	25	24	37	86	142	78	94						69	52%
Controllable Non-Issued	11	4	4	23	24	20	14						14	11%
Citations	30	41	46	58	79	48	53						51	38%
<b>Total:</b>	<b>66</b>	<b>69</b>	<b>87</b>	<b>167</b>	<b>245</b>	<b>146</b>	<b>161</b>						<b>134</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	5	0	0	2	6	3	2						4	2%
Emergency Vehicle PD	0	0	0	1	1	1	0						1	1%
Intersection Control in Progress- PD	0	0	0	0	0	1	0						1	1%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	269	98	9	67	127	20	47						91	47%
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	93	94	106	90	105	101	94						98	50%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0						1	1%
<b>Total:</b>	<b>367</b>	<b>192</b>	<b>115</b>	<b>160</b>	<b>240</b>	<b>126</b>	<b>143</b>						<b>195</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	2	1	2	2	2	2						2	2%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	10	5	7	11	23	7	10						10	12%
Driver Obstructed	1	0	1	3	5	0	2						2	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	1	0	3	0	0	1						2	2%
Glare on Windshield	0	0	2	20	25	15	19						16	19%
Illegible Plate	1	0	0	0	1	0	0						1	1%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	1	3	5	2	3						3	3%
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	9	8	9	26	31	28	24						19	23%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	6	1	1	1	0	3						2	3%
Out of State	1	0	1	1	2	0	3						2	2%
Plate Obstructed	1	2	5	5	7	4	3						4	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	0	0	9	11	40	20	24						21	25%
<b>Total:</b>	<b>25</b>	<b>24</b>	<b>37</b>	<b>86</b>	<b>142</b>	<b>78</b>	<b>94</b>						<b>84</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	2	0	0	3	2	2	1						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	2	1	0	11	12	1	0						5	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	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	5	3	4	9	10	17	13						9	48%
Framing of Driver	1	0	0	0	0	0	0						1	6%
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%
<b>Total:</b>	<b>11</b>	<b>4</b>	<b>4</b>	<b>23</b>	<b>24</b>	<b>20</b>	<b>14</b>						<b>18</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	19	18	21	21	21	22						20	
Average Issued Red Seconds	97.2	75.7	12.2	6.0	18.0	30.0	29.5						38.4	
Citation / Violation Issuance Rate	45%	59%	53%	35%	32%	33%	33%						42%	
Controllable Issuance Rate	73%	91%	92%	72%	77%	71%	79%						79%	



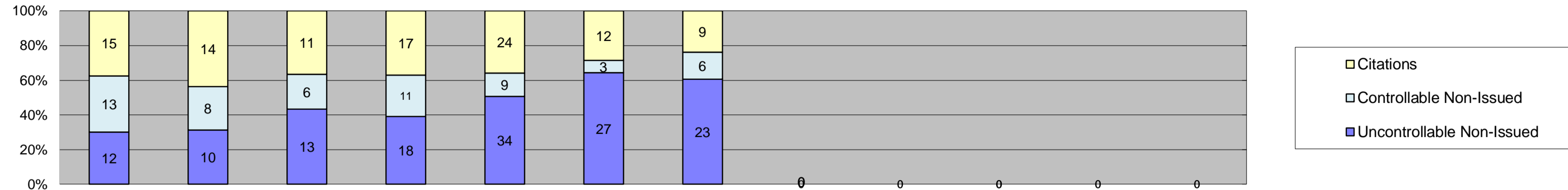
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 982: WB 119th St @ Willowbrook  
 Straight Through Movements



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 Average		
													Quantity	%	
Non-Violations	541	348	448	455	489	513	1,390							598	91%
Violations	81	52	42	40	58	59	86							60	9%
<b>Total:</b>	<b>622</b>	<b>400</b>	<b>490</b>	<b>495</b>	<b>547</b>	<b>572</b>	<b>1,476</b>							<b>657</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	25	17	14	19	30	31	37							25	41%
Controllable Non-Issued	15	9	9	9	10	16	26							13	22%
Citations	41	26	19	12	18	12	23							22	36%
<b>Total:</b>	<b>81</b>	<b>52</b>	<b>42</b>	<b>40</b>	<b>58</b>	<b>59</b>	<b>86</b>							<b>60</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	1	1	3	1	1	0	3							2	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	456	263	353	373	378	417	1,276							502	84%
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	84	84	92	81	110	96	110							94	16%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	1							1	0%
<b>Total:</b>	<b>541</b>	<b>348</b>	<b>448</b>	<b>455</b>	<b>489</b>	<b>513</b>	<b>1,390</b>							<b>599</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Car Obstructed	3	0	1	0	1	1	0							2	5%
Conditions Beyond Control	0	0	0	0	0	0	0							0	0%
Driver Identity Unclear	5	3	4	3	3	3	6							4	12%
Driver Obstructed	0	1	0	1	2	3	3							2	6%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	0	1	1	1	0	0	0							1	3%
Glare on Windshield	1	4	1	0	3	4	3							3	8%
Illegible Plate	1	0	0	0	0	0	1							1	3%
Interest of Justice- PD	0	0	0	0	0	0	0							0	0%
Image Quality- PD	0	1	0	0	0	1	1							1	3%
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	8	5	5	9	7	9	9							7	23%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	0	1	0	3	0	0	0							2	6%
Out of State	1	0	0	0	0	1	0							1	3%
Plate Obstructed	6	1	1	1	2	2	4							2	8%
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	1	1	12	7	10							6	19%
<b>Total:</b>	<b>25</b>	<b>17</b>	<b>14</b>	<b>19</b>	<b>30</b>	<b>31</b>	<b>37</b>							<b>32</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	3	0	2	2	3	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	5	1	0	0	1	0	14							5	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	0	0	0	0	0	0	0							0	0%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	7	6	7	7	6	15	9							8	46%
Framing of Driver	0	2	0	0	0	0	0							2	11%
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%
<b>Total:</b>	<b>15</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>10</b>	<b>16</b>	<b>26</b>							<b>18</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	17	16	14	14	13	16	16							15	
Average Issued Red Seconds	13.6	120.4	21.5	13.7	42.2	94.9	103.5							58.5	
Citation / Violation Issuance Rate	51%	50%	45%	30%	31%	20%	27%							36%	
Controllable Issuance Rate	73%	74%	68%	57%	64%	43%	47%							61%	



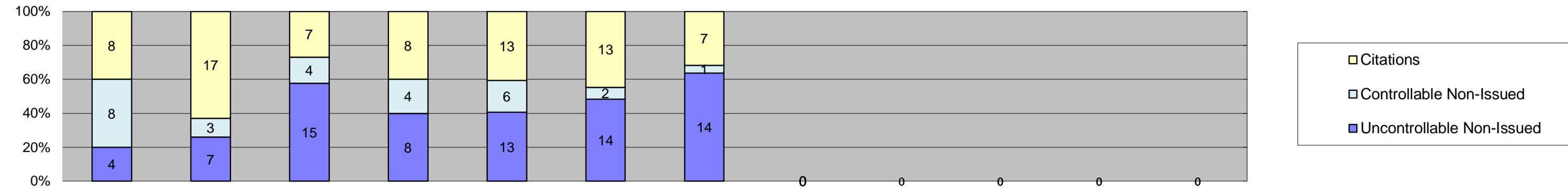
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 1051: EB 130th St @ Willowbrook  
 Straight Through Movements



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 Average		
													Quantity	%	
Non-Violations	262	134	258	119	164	95	108							163	79%
Violations	40	32	30	46	67	42	38							42	21%
<b>Total:</b>	<b>302</b>	<b>166</b>	<b>288</b>	<b>165</b>	<b>231</b>	<b>137</b>	<b>146</b>							<b>205</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	12	10	13	18	34	27	23							20	46%
Controllable Non-Issued	13	8	6	11	9	3	6							8	19%
Citations	15	14	11	17	24	12	9							15	35%
<b>Total:</b>	<b>40</b>	<b>32</b>	<b>30</b>	<b>46</b>	<b>67</b>	<b>42</b>	<b>38</b>							<b>42</b>	<b>100%</b>
<b>Non-Violations</b>															
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	1	0	0							1	1%
Gate Down/ No Train	0	0	0	0	0	0	0							0	0%
No Violation Occurred	180	55	163	32	63	6	25							75	46%
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	82	79	95	87	100	89	83							88	54%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0							0	0%
<b>Total:</b>	<b>262</b>	<b>134</b>	<b>258</b>	<b>119</b>	<b>164</b>	<b>95</b>	<b>108</b>							<b>164</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Car Obstructed	1	0	0	0	0	0	0							1	4%
Conditions Beyond Control	0	0	0	0	0	0	0							0	0%
Driver Identity Unclear	4	3	3	3	1	0	3							3	10%
Driver Obstructed	0	0	0	1	1	3	0							2	6%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	1	1	3	0	0	1	1							1	5%
Glare on Windshield	0	0	0	0	3	4	5							4	14%
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	4%
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	5	6	6	7	8	10	4							7	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	0	0	0	0	0	0	0							0	0%
Plate Obstructed	1	0	0	1	2	1	1							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	1	5	19	8	9							8	30%
<b>Total:</b>	<b>12</b>	<b>10</b>	<b>13</b>	<b>18</b>	<b>34</b>	<b>27</b>	<b>23</b>							<b>28</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	2	0	1	5	0	1	2							2	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	4	1	1	0	4	0	0							3	22%
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	0							1	9%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	6	6	4	6	5	2	4							5	41%
Framing of Driver	1	0	0	0	0	0	0							1	9%
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%
<b>Total:</b>	<b>13</b>	<b>8</b>	<b>6</b>	<b>11</b>	<b>9</b>	<b>3</b>	<b>6</b>							<b>11</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	17	16	19	16	16	14	17							16	
Average Issued Red Seconds	5.3	33.0	5.5	17.3	10.2	129.1	27.3							32.5	
Citation / Violation Issuance Rate	38%	44%	37%	37%	36%	29%	24%							35%	
Controllable Issuance Rate	54%	64%	65%	61%	73%	80%	60%							65%	



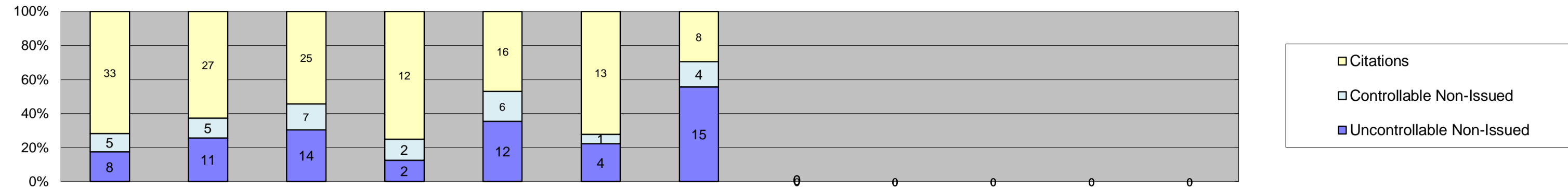
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 1052: WB 130th St @ Willowbrook  
 Straight Through Movements



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 Average		
													Quantity	%	
Non-Violations	287	155	367	150	164	167	198							213	89%
Violations	20	27	26	20	32	29	22							25	11%
<b>Total:</b>	<b>307</b>	<b>182</b>	<b>393</b>	<b>170</b>	<b>196</b>	<b>196</b>	<b>220</b>							<b>238</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	4	7	15	8	13	14	14							11	43%
Controllable Non-Issued	8	3	4	4	6	2	1							4	16%
Citations	8	17	7	8	13	13	7							10	41%
<b>Total:</b>	<b>20</b>	<b>27</b>	<b>26</b>	<b>20</b>	<b>32</b>	<b>29</b>	<b>22</b>							<b>25</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0							0	0%
Emergency Vehicle PD	0	0	1	0	0	0	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	200	72	260	70	64	76	112							122	57%
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	87	83	106	80	100	91	86							90	42%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0							0	0%
<b>Total:</b>	<b>287</b>	<b>155</b>	<b>367</b>	<b>150</b>	<b>164</b>	<b>167</b>	<b>198</b>							<b>213</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Car Obstructed	0	0	1	0	0	1	0							1	6%
Conditions Beyond Control	0	0	0	0	0	0	0							0	0%
Driver Identity Unclear	2	2	0	0	3	0	0							2	13%
Driver Obstructed	0	1	0	0	0	0	0							1	6%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	0	1	0	0	0	0	0							1	6%
Glare on Windshield	0	2	3	1	2	1	0							2	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	0	0	0	0	0	0	0							0	0%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	2	1	3	6	4	6	5							4	22%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	0	0	0	0	1	1	0							1	6%
Out of State	0	0	0	0	0	0	0							0	0%
Plate Obstructed	0	0	1	0	0	0	1							1	6%
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	7	1	3	5	8							5	27%
<b>Total:</b>	<b>4</b>	<b>7</b>	<b>15</b>	<b>8</b>	<b>13</b>	<b>14</b>	<b>14</b>							<b>18</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	1	0	0	1	2	1	1							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	4	1	1	0	1	0	0							2	25%
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	2	0	0	0	0							2	28%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	3	2	1	3	3	1	0							2	30%
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%
<b>Total:</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>2</b>	<b>1</b>							<b>7</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	15	16	15	15	12	14	16							15	
Average Issued Red Seconds	9.1	54.5	5.9	6.3	6.3	206.4	5.4							42.0	
Citation / Violation Issuance Rate	40%	63%	27%	40%	41%	45%	32%							41%	
Controllable Issuance Rate	50%	85%	64%	67%	68%	87%	88%							73%	



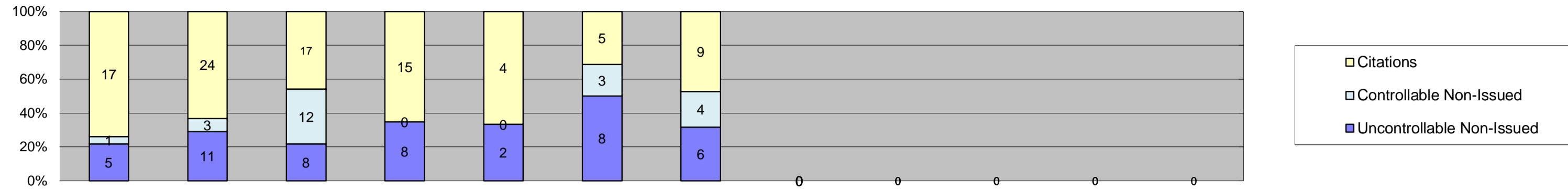
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 1081: EB Stockwell @ Willowbrook  
 Straight Through Movements



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 Average	
													Quantity	%
Non-Violations	160	112	343	95	128	94	82						145	82%
Violations	46	43	46	16	34	18	27						33	18%
<b>Total:</b>	<b>206</b>	<b>155</b>	<b>389</b>	<b>111</b>	<b>162</b>	<b>112</b>	<b>109</b>						<b>178</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	8	11	14	2	12	4	15						9	29%
Controllable Non-Issued	5	5	7	2	6	1	4						4	13%
Citations	33	27	25	12	16	13	8						19	58%
<b>Total:</b>	<b>46</b>	<b>43</b>	<b>46</b>	<b>16</b>	<b>34</b>	<b>18</b>	<b>27</b>						<b>33</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0						0	0%
Emergency Vehicle PD	0	0	0	0	0	1	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	75	32	245	14	37	0	2						68	43%
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	85	80	98	81	90	93	80						87	56%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0						1	1%
<b>Total:</b>	<b>160</b>	<b>112</b>	<b>343</b>	<b>95</b>	<b>128</b>	<b>94</b>	<b>82</b>						<b>156</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	0	0	0	0						1	6%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	6	4	0	0	1	1	1						3	15%
Driver Obstructed	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	0	1	0	0	0	0						2	9%
Glare on Windshield	0	0	0	0	1	0	3						2	12%
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	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	4	7	1	5	1	3						4	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0						1	6%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	2	2	0	0	0	1						2	10%
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	4	1	4	2	7						4	21%
<b>Total:</b>	<b>8</b>	<b>11</b>	<b>14</b>	<b>2</b>	<b>12</b>	<b>4</b>	<b>15</b>						<b>17</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	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	0	1	3	0	1	0	0						2	24%
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	4	4	2	4	1	3						3	47%
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	1						1	14%
<b>Total:</b>	<b>5</b>	<b>5</b>	<b>7</b>	<b>2</b>	<b>6</b>	<b>1</b>	<b>4</b>						<b>7</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	19	18	18	20	26	20						20	
Average Issued Red Seconds	5.6	18.0	6.0	5.6	5.4	5.7	6.1						7.5	
Citation / Violation Issuance Rate	72%	63%	54%	75%	47%	72%	30%						59%	
Controllable Issuance Rate	87%	84%	78%	86%	73%	93%	67%						81%	



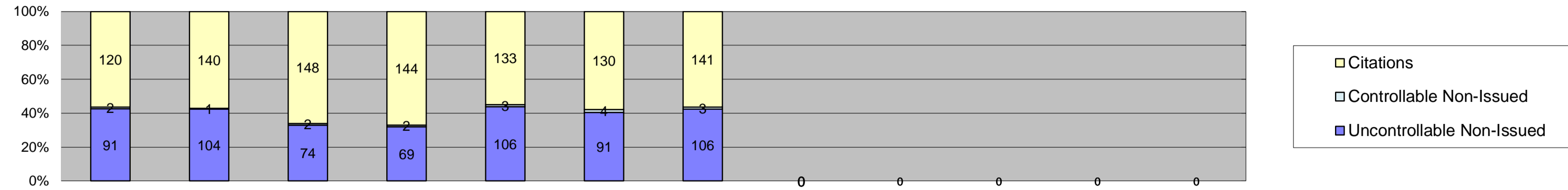
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 1082: WB Stockwell @ Willowbrook  
 Straight Through Movements



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 Average		
													Quantity	%	
Non-Violations	166	125	413	138	69	130	143							169	88%
Violations	23	38	37	23	6	16	19							23	12%
<b>Total:</b>	<b>189</b>	<b>163</b>	<b>450</b>	<b>161</b>	<b>75</b>	<b>146</b>	<b>162</b>							<b>192</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	5	11	8	8	2	8	6							7	28%
Controllable Non-Issued	1	3	12	0	0	3	4							5	19%
Citations	17	24	17	15	4	5	9							13	53%
<b>Total:</b>	<b>23</b>	<b>38</b>	<b>37</b>	<b>23</b>	<b>6</b>	<b>16</b>	<b>19</b>							<b>24</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	1	0	0	0	0							1	1%
Emergency Vehicle PD	0	0	0	0	0	1	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	80	42	313	60	21	37	64							88	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	86	83	99	78	48	92	79							81	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%
<b>Total:</b>	<b>166</b>	<b>125</b>	<b>413</b>	<b>138</b>	<b>69</b>	<b>130</b>	<b>143</b>							<b>171</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	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	0	2	0	1	0	2	0							2	14%
Driver Obstructed	1	1	0	0	0	0	0							1	8%
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	1	1	0	0	0							1	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	0	0	0	0	0	0	0							0	0%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	4	7	4	6	0	5	3							5	40%
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	0	0	0	0							0	0%
Plate Obstructed	0	1	0	0	0	1	0							1	8%
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	0	2	0	3							3	22%
<b>Total:</b>	<b>5</b>	<b>11</b>	<b>8</b>	<b>8</b>	<b>2</b>	<b>8</b>	<b>6</b>							<b>12</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	1	0	0	0	0	0	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	5	0	0	0	0							5	49%
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	3	7	0	0	3	2							4	37%
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%
<b>Total:</b>	<b>1</b>	<b>3</b>	<b>12</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>4</b>							<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	21	18	20	18	22	17	21							20	
Average Issued Red Seconds	5.4	47.4	5.4	162.5	5.9	5.6	6.2							34.1	
Citation / Violation Issuance Rate	74%	63%	46%	65%	67%	31%	47%							56%	
Controllable Issuance Rate	94%	89%	59%	100%	100%	63%	69%							82%	



**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 2003: EB to NB Washington @ Los Angeles  
Left Turn Movements**

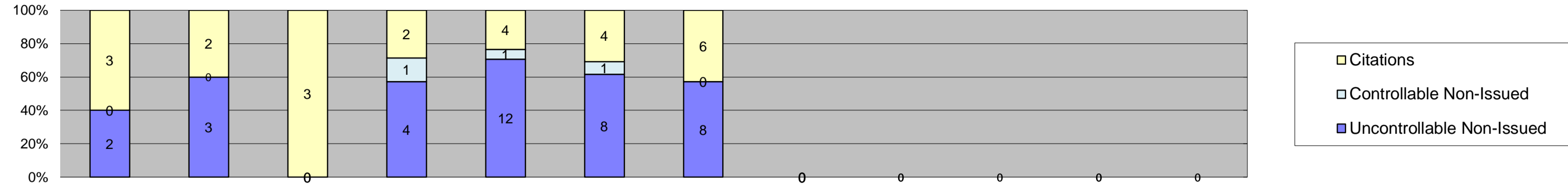


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average		
													Quantity	%	
Non-Violations	522	442	485	469	444	414	416							456	66%
Violations	213	245	224	215	242	225	250							231	34%
<b>Total:</b>	<b>735</b>	<b>687</b>	<b>709</b>	<b>684</b>	<b>686</b>	<b>639</b>	<b>666</b>							<b>687</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	91	104	74	69	106	91	106							92	40%
Controllable Non-Issued	2	1	2	2	3	4	3							2	1%
Citations	120	140	148	144	133	130	141							137	59%
<b>Total:</b>	<b>213</b>	<b>245</b>	<b>224</b>	<b>215</b>	<b>242</b>	<b>225</b>	<b>250</b>							<b>231</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	2	1	1	6	4	3	2							3	1%
Emergency Vehicle PD	0	1	0	0	0	0	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	430	354	386	375	350	313	328							362	79%
Rear Axle Activation	0	1	0	0	0	0	0							1	0%
Right Turn- No Violation	0	0	0	0	0	0	0							0	0%
Test Shot	90	85	97	87	90	97	86							90	20%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	1	1	0	1	0							1	0%
<b>Total:</b>	<b>522</b>	<b>442</b>	<b>485</b>	<b>469</b>	<b>444</b>	<b>414</b>	<b>416</b>							<b>458</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Car Obstructed	5	5	2	2	3	1	1							3	2%
Conditions Beyond Control	0	0	9	0	0	0	0							9	8%
Driver Identity Unclear	10	13	0	4	9	4	3							7	7%
Driver Obstructed	0	3	2	4	4	0	3							3	3%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	5	4	0	0	0	0	2							4	3%
Glare on Windshield	6	7	2	2	2	16	8							6	6%
Illegible Plate	4	5	7	4	6	7	4							5	5%
Interest of Justice- PD	0	0	0	0	0	0	0							0	0%
Image Quality- PD	0	1	0	2	4	3	1							2	2%
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	43	52	26	32	32	33	40							37	33%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	6	3	4	5	5	1	5							4	4%
Out of State	8	6	5	4	8	2	4							5	5%
Plate Obstructed	4	5	1	2	2	4	3							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	0	0	16	8	31	20	32							21	19%
<b>Total:</b>	<b>91</b>	<b>104</b>	<b>74</b>	<b>69</b>	<b>106</b>	<b>91</b>	<b>106</b>							<b>110</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
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	2	1	0	1	1	2	3							2	33%
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	1	0							1	20%
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	1	2	1	0							1	27%
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	20%
<b>Total:</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>3</b>							<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	19	19	19	18	19	19	18							19	
Average Issued Red Seconds	6.0	10.0	11.2	13.8	13.3	12.0	9.2							10.8	
Citation / Violation Issuance Rate	56%	57%	66%	67%	55%	58%	56%							59%	
Controllable Issuance Rate	98%	99%	99%	99%	98%	97%	98%							98%	





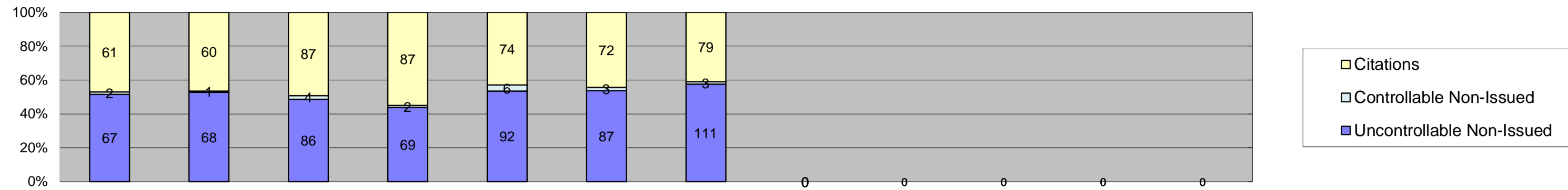
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 2008 WB to SB Washington @ Los Angeles  
Left Turn Movements**



Events	Year to Date Average													
	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	%
Non-Violations	325	285	312	313	331	323	291						311	97%
Violations	5	5	3	7	17	13	14						9	3%
<b>Total:</b>	<b>330</b>	<b>290</b>	<b>315</b>	<b>320</b>	<b>348</b>	<b>336</b>	<b>305</b>						<b>321</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	2	3	0	4	12	8	8						6	58%
Controllable Non-Issued	0	0	0	1	1	1	0						1	9%
Citations	3	2	3	2	4	4	6						3	32%
<b>Total:</b>	<b>5</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>17</b>	<b>13</b>	<b>14</b>						<b>11</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	2	1	3	1	1	1						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	250	214	231	235	252	241	214						234	75%
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	74	69	80	75	78	81	76						76	24%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>325</b>	<b>285</b>	<b>312</b>	<b>313</b>	<b>331</b>	<b>323</b>	<b>291</b>						<b>311</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	2	0	0	0	0	0						2	16%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	0	0	1	1	0						1	8%
Driver Obstructed	1	0	0	0	1	4	0						2	16%
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	1	0	0						1	8%
Illegible Plate	0	0	0	0	0	1	0						1	8%
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	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	1	0	3	4	1	4						2	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	0	0	0	0	1	0	0						1	8%
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	0	0	0	1	4	1	4						3	19%
<b>Total:</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>12</b>	<b>8</b>	<b>8</b>						<b>13</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	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	1	0	1	0						1	50%
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%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>						<b>2</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	18	20	20	22	18	21	18						20	
Average Issued Red Seconds	251.7	0.6	0.5	0.5	139.4	93.2	7.3						70.5	
Citation / Violation Issuance Rate	60%	40%	100%	29%	24%	31%	43%						47%	
Controllable Issuance Rate	100%	100%	100%	67%	80%	80%	100%						90%	



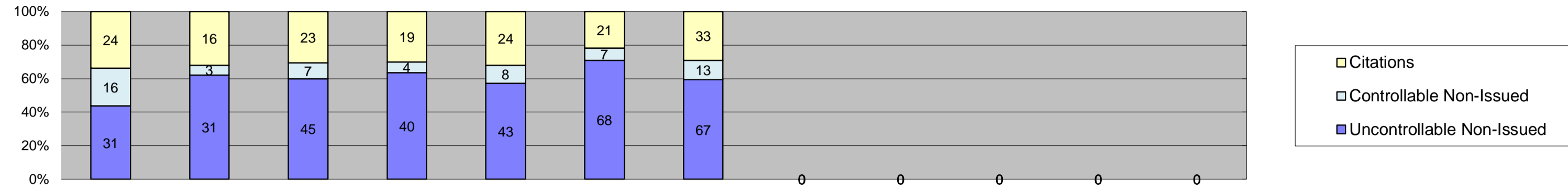
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 2017: EB to NB Washington @ San Pedro  
Left Turn Movements**



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 Average	
													Quantity	%
Non-Violations	489	506	516	473	491	446	447						481	75%
Violations	130	129	177	158	172	162	193						160	25%
<b>Total:</b>	<b>619</b>	<b>635</b>	<b>693</b>	<b>631</b>	<b>663</b>	<b>608</b>	<b>640</b>						<b>641</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	67	68	86	69	92	87	111						83	52%
Controllable Non-Issued	2	1	4	2	6	3	3						3	2%
Citations	61	60	87	87	74	72	79						74	46%
<b>Total:</b>	<b>130</b>	<b>129</b>	<b>177</b>	<b>158</b>	<b>172</b>	<b>162</b>	<b>193</b>						<b>160</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	4	2	2	4	3	1						3	1%
Emergency Vehicle PD	0	0	0	0	1	0	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	1	0						1	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	395	412	417	381	400	352	365						389	80%
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	92	90	97	90	85	90	81						89	18%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0						1	0%
<b>Total:</b>	<b>489</b>	<b>506</b>	<b>516</b>	<b>473</b>	<b>491</b>	<b>446</b>	<b>447</b>						<b>484</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	11	10	12	11	18	13	17						13	14%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	3	9	7	5	3	1	8						5	6%
Driver Obstructed	3	5	8	7	8	8	3						6	7%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	7	3	3	3	0	2	3						4	4%
Glare on Windshield	6	11	9	6	2	5	11						7	8%
Illegible Plate	2	1	3	1	0	0	3						2	2%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	3	2	3	2						3	3%
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	25	26	23	18	25	24	24						24	26%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	3	2	2	5	3	3	1						3	3%
Out of State	2	0	1	4	0	6	3						3	3%
Plate Obstructed	5	1	1	2	2	3	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 Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	17	4	29	19	34						21	22%
<b>Total:</b>	<b>67</b>	<b>68</b>	<b>86</b>	<b>69</b>	<b>92</b>	<b>87</b>	<b>111</b>						<b>92</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	1	2	3	2						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	1	1	0	0	0	0						1	13%
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	1	0	4	0	0						3	31%
Framing of Driver	2	0	0	0	0	0	1						2	19%
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	13%
<b>Total:</b>	<b>2</b>	<b>1</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>3</b>						<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	18	19	19	19	19	18						19	
Average Issued Red Seconds	8.1	3.0	6.1	10.2	3.1	3.1	1.7						5.0	
Citation / Violation Issuance Rate	47%	47%	49%	55%	43%	44%	41%						47%	
Controllable Issuance Rate	97%	98%	96%	98%	93%	96%	96%						96%	



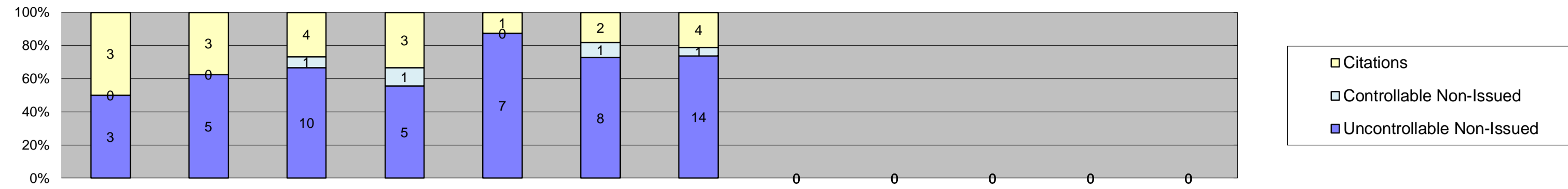
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2018: WB to SB Washington @ San Pedro  
 Left Turn Movements



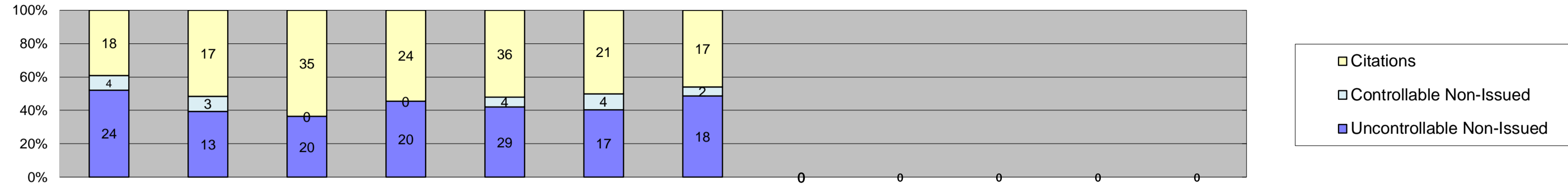
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	336	322	358	284	293	340	299						319	80%
Violations	71	50	75	63	75	96	113						78	20%
<b>Total:</b>	<b>407</b>	<b>372</b>	<b>433</b>	<b>347</b>	<b>368</b>	<b>436</b>	<b>412</b>						<b>396</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	31	31	45	40	43	68	67						46	60%
Controllable Non-Issued	16	3	7	4	8	7	13						8	11%
Citations	24	16	23	19	24	21	33						23	29%
<b>Total:</b>	<b>71</b>	<b>50</b>	<b>75</b>	<b>63</b>	<b>75</b>	<b>96</b>	<b>113</b>						<b>78</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	4	5	2	2	4	4						4	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	249	205	233	194	205	246	215						221	69%
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	83	113	120	88	86	89	80						94	29%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0						1	0%
<b>Total:</b>	<b>336</b>	<b>322</b>	<b>358</b>	<b>284</b>	<b>293</b>	<b>340</b>	<b>299</b>						<b>320</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	3	2	1	6	1	1	2						2	4%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	6	3	1	2	2	4	3						3	6%
Driver Obstructed	6	6	7	8	4	8	10						7	13%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	2	2	1	5	6	8						4	8%
Glare on Windshield	4	5	6	6	3	11	7						6	11%
Illegible Plate	2	2	1	0	1	2	1						2	3%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	1	0	1	0	0						1	2%
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	6	8	13	7	6	16	10						9	18%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	1	2	3	3	5	5						3	6%
Out of State	0	0	0	2	1	0	0						2	3%
Plate Obstructed	2	2	1	1	2	2	2						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	0	0	10	4	14	13	19						12	23%
<b>Total:</b>	<b>31</b>	<b>31</b>	<b>45</b>	<b>40</b>	<b>43</b>	<b>68</b>	<b>67</b>						<b>52</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	4	0	0	2	0	3	4						3	26%
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	2	0	1	0	0	0						2	12%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	11	1	7	1	8	4	8						6	46%
Framing of Driver	1	0	0	0	0	0	0						1	8%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	1						1	8%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>16</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>8</b>	<b>7</b>	<b>13</b>						<b>12</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	18	18	19	18	18	18						18	
Average Issued Red Seconds	0.7	7.1	12.3	11.9	4.3	6.6	7.3						7.2	
Citation / Violation Issuance Rate	34%	32%	31%	30%	32%	22%	29%						30%	
Controllable Issuance Rate	60%	84%	77%	83%	75%	75%	72%						75%	



Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2027: EB to NB Washington @ Broadway  
 Left Turn Movements



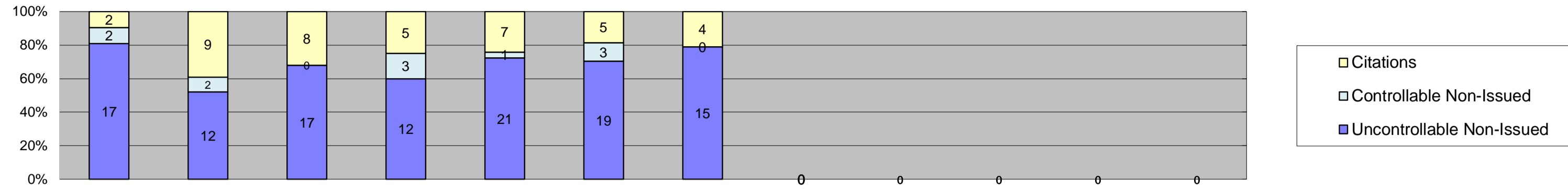
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	524	472	580	508	562	478	441						509	98%
Violations	6	8	15	9	8	11	19						11	2%
<b>Total:</b>	<b>530</b>	<b>480</b>	<b>595</b>	<b>517</b>	<b>570</b>	<b>489</b>	<b>460</b>						<b>520</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	3	5	10	5	7	8	14						7	66%
Controllable Non-Issued	0	0	1	1	0	1	1						1	9%
Citations	3	3	4	3	1	2	4						3	25%
<b>Total:</b>	<b>6</b>	<b>8</b>	<b>15</b>	<b>9</b>	<b>8</b>	<b>11</b>	<b>19</b>						<b>11</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	2	1	0	1	3	2						2	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	442	391	490	431	480	383	362						426	84%
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	80	79	89	77	81	92	77						82	16%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>524</b>	<b>472</b>	<b>580</b>	<b>508</b>	<b>562</b>	<b>478</b>	<b>441</b>						<b>510</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	1						1	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	1	0	0	0	0	1						1	8%
Driver Obstructed	0	0	1	0	1	0	1						1	8%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	1	2	0	1	0	0						2	12%
Glare on Windshield	0	0	1	0	0	1	0						1	8%
Illegible Plate	0	2	3	1	0	2	2						2	15%
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	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	1	2	3	5	3	7						3	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	0	0	0	1	0	0	1						1	8%
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	0	0	1	0	0	2	1						1	10%
<b>Total:</b>	<b>3</b>	<b>5</b>	<b>10</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>14</b>						<b>13</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	1	0	0	0						1	33%
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	1						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	0	0	0	0	0	1	0						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	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>						<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	18	15	21	16	0	17	17						17	
Average Issued Red Seconds	31.7	14.5	24.3	173.2	0.0	53.8	214.9						85.4	
Citation / Violation Issuance Rate	50%	38%	27%	33%	13%	18%	21%						28%	
Controllable Issuance Rate	100%	100%	80%	75%	100%	67%	80%						86%	



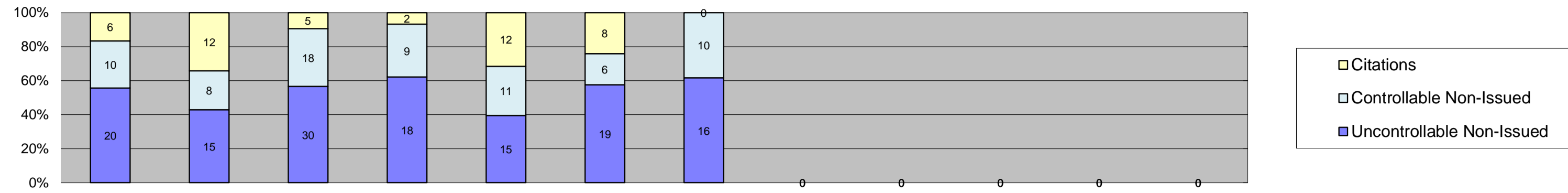
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	1,034	969	1,024	980	1,002	1,029	942						997	96%
Violations	46	33	55	44	69	42	37						47	4%
<b>Total:</b>	<b>1,080</b>	<b>1,002</b>	<b>1,079</b>	<b>1,024</b>	<b>1,071</b>	<b>1,071</b>	<b>979</b>						<b>1,044</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	24	13	20	20	29	17	18						20	42%
Controllable Non-Issued	4	3	0	0	4	4	2						3	7%
Citations	18	17	35	24	36	21	17						24	50%
<b>Total:</b>	<b>46</b>	<b>33</b>	<b>55</b>	<b>44</b>	<b>69</b>	<b>42</b>	<b>37</b>						<b>48</b>	<b>100%</b>
<b>Non-Violations</b>														
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	915	840	889	827	869	880	783						858	86%
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	119	129	134	153	133	149	159						139	14%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1,034</b>	<b>969</b>	<b>1,024</b>	<b>980</b>	<b>1,002</b>	<b>1,029</b>	<b>942</b>						<b>998</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	1	1	0						1	3%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	0	1	1	1	0	0						1	4%
Driver Obstructed	1	0	6	2	5	4	3						4	12%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	13	1	1	0	0	0	0						5	17%
Glare on Windshield	0	0	0	2	0	0	0						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	0	0	0	0	0	0						0	0%
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	7	9	6	11	10	9	7						8	29%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	2	0	1	1	0	0						1	4%
Out of State	0	0	1	0	2	1	2						2	5%
Plate Obstructed	0	1	1	0	2	0	1						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	4	3	7	2	5						4	14%
<b>Total:</b>	<b>24</b>	<b>13</b>	<b>20</b>	<b>20</b>	<b>29</b>	<b>17</b>	<b>18</b>						<b>29</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	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	0	1	0	0	0	2	0						2	17%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	3	2	0	0	0	0	0						3	28%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	2	0	0						2	22%
Framing of Driver	1	0	0	0	1	1	1						1	11%
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	1						1	11%
<b>Total:</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>4</b>	<b>2</b>						<b>9</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	15	15	16	16	15	16	17						16	
Average Issued Red Seconds	2.4	5.0	3.9	3.7	7.5	4.7	3.0						4.3	
Citation / Violation Issuance Rate	39%	52%	64%	55%	52%	50%	46%						51%	
Controllable Issuance Rate	82%	85%	100%	100%	90%	84%	89%						90%	



Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2046: SB to EB Flower @ 10 Fwy Onramp  
 Left Turn Movements



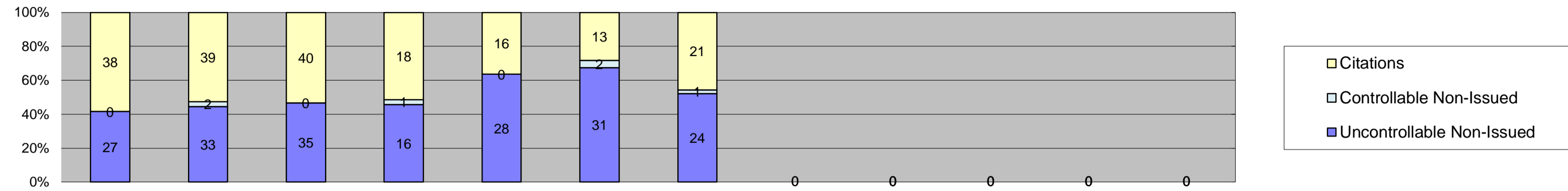
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	631	556	654	575	649	678	569						616	96%
Violations	21	23	25	20	29	27	19						23	4%
<b>Total:</b>	<b>652</b>	<b>579</b>	<b>679</b>	<b>595</b>	<b>678</b>	<b>705</b>	<b>588</b>						<b>639</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	17	12	17	12	21	19	15						16	67%
Controllable Non-Issued	2	2	0	3	1	3	0						2	9%
Citations	2	9	8	5	7	5	4						6	24%
<b>Total:</b>	<b>21</b>	<b>23</b>	<b>25</b>	<b>20</b>	<b>29</b>	<b>27</b>	<b>19</b>						<b>24</b>	<b>100%</b>
<b>Non-Violations</b>														
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	548	470	563	491	551	560	482						524	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	83	85	91	84	98	118	87						92	15%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	1	0	0	0	0	0						1	0%
<b>Total:</b>	<b>631</b>	<b>556</b>	<b>654</b>	<b>575</b>	<b>649</b>	<b>678</b>	<b>569</b>						<b>617</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	6	1	0	0						4	14%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	0	2	0	2	0	0						2	7%
Driver Obstructed	6	5	7	0	7	6	6						6	24%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	1	0	0	0	0	1						1	5%
Glare on Windshield	1	0	1	1	1	0	0						1	4%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	1	0	0	0	0	0	0						1	4%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
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	4	4	4	3	9	11	6						6	23%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	2	1	0	0	0	1						2	6%
Out of State	0	0	1	2	0	1	0						1	5%
Plate Obstructed	0	0	0	0	0	0	1						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	1	0	1	1	0						1	4%
<b>Total:</b>	<b>17</b>	<b>12</b>	<b>17</b>	<b>12</b>	<b>21</b>	<b>19</b>	<b>15</b>						<b>25</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	2	0	3	0	3	0						3	47%
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	0	0	0	0	0	0						2	35%
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	1	0	0						1	18%
<b>Total:</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>0</b>						<b>6</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	17	19	21	20	17	18						18	
Average Issued Red Seconds	1.3	3.6	2.4	0.9	0.8	2.8	0.9						1.8	
Citation / Violation Issuance Rate	10%	39%	32%	25%	24%	19%	21%						24%	
Controllable Issuance Rate	50%	82%	100%	63%	88%	63%	100%						78%	



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 Average	
													Quantity	%
Non-Violations	128	121	133	139	142	161	137						137	79%
Violations	36	35	53	29	38	33	26						36	21%
<b>Total:</b>	<b>164</b>	<b>156</b>	<b>186</b>	<b>168</b>	<b>180</b>	<b>194</b>	<b>163</b>						<b>173</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	20	15	30	18	15	19	16						19	52%
Controllable Non-Issued	10	8	18	9	11	6	10						10	28%
Citations	6	12	5	2	12	8	0						8	20%
<b>Total:</b>	<b>36</b>	<b>35</b>	<b>53</b>	<b>29</b>	<b>38</b>	<b>33</b>	<b>26</b>						<b>37</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	2	0	2	0	5	3						3	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	40	44	48	50	40	43						45	32%
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	81	79	89	89	92	115	91						91	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%
<b>Total:</b>	<b>128</b>	<b>121</b>	<b>133</b>	<b>139</b>	<b>142</b>	<b>161</b>	<b>137</b>						<b>139</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	1	0	0	1	1						1	3%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	2	0	0	2	0	2						2	7%
Driver Obstructed	1	0	1	0	0	0	0						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	1	1	1	1						1	3%
Glare on Windshield	1	1	1	2	2	5	1						2	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	1	0	0	0	0	0	0						1	3%
Issuance Criteria Not Met- PD	2	5	11	8	0	0	0						7	23%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	8	6	6	5	4	9	6						6	22%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0						1	3%
Out of State	0	0	3	0	1	1	0						2	6%
Plate Obstructed	4	0	2	0	4	0	1						3	10%
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	5	1	1	2	4						3	9%
<b>Total:</b>	<b>20</b>	<b>15</b>	<b>30</b>	<b>18</b>	<b>15</b>	<b>19</b>	<b>16</b>						<b>29</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	1						1	8%
Dark Interior	0	1	1	0	0	0	0						1	8%
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	1	0						1	8%
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	1	4	0	2	0	1						2	14%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	9	6	13	9	9	5	8						8	64%
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%
<b>Total:</b>	<b>10</b>	<b>8</b>	<b>18</b>	<b>9</b>	<b>11</b>	<b>6</b>	<b>10</b>						<b>13</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	25	25	23	20	26	24	22						24	
Average Issued Red Seconds	0.5	2.6	0.6	0.3	0.5	2.1	20.2						3.8	
Citation / Violation Issuance Rate	17%	34%	9%	7%	32%	24%	0%						21%	
Controllable Issuance Rate	38%	60%	22%	18%	52%	57%	0%						41%	



Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2056: SB to EB Flower @ Venice  
 Left Turn Movements



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 Average	
													Quantity	%
Non-Violations	517	462	488	452	378	348	371						431	89%
Violations	65	74	75	35	44	46	46						55	11%
<b>Total:</b>	<b>582</b>	<b>536</b>	<b>563</b>	<b>487</b>	<b>422</b>	<b>394</b>	<b>417</b>						<b>486</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	27	33	35	16	28	31	24						28	50%
Controllable Non-Issued	0	2	0	1	0	2	1						2	3%
Citations	38	39	40	18	16	13	21						26	47%
<b>Total:</b>	<b>65</b>	<b>74</b>	<b>75</b>	<b>35</b>	<b>44</b>	<b>46</b>	<b>46</b>						<b>56</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	4	1	0	0	4	0						3	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	405	349	358	330	260	228	255						312	72%
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	112	109	129	122	117	116	116						117	27%
Amber Time Low	0	0	0	0	1	0	0						1	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>517</b>	<b>462</b>	<b>488</b>	<b>452</b>	<b>378</b>	<b>348</b>	<b>371</b>						<b>433</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	2	0	0	0	0	1						1	4%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	2	1	0	2	0	0						2	4%
Driver Obstructed	4	3	1	4	0	3	0						3	9%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	7	4	2	2	6	4	3						4	11%
Glare on Windshield	0	0	1	0	0	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	1	0	0	0	0						1	3%
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	9	17	17	6	14	19	10						13	37%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	4	3	2	0	0	1						2	7%
Out of State	3	1	4	1	0	1	0						2	6%
Plate Obstructed	0	0	0	0	0	0	1						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	0	0	5	1	6	4	8						5	14%
<b>Total:</b>	<b>27</b>	<b>33</b>	<b>35</b>	<b>16</b>	<b>28</b>	<b>31</b>	<b>24</b>						<b>35</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
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	1	0	0	0						1	30%
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	0	0	0	2	1						1	40%
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	0						1	30%
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%
<b>Total:</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>1</b>						<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	18	19	18	20	19	20	18						19	
Average Issued Red Seconds	54.7	12.9	56.8	21.2	7.2	11.5	81.5						35.1	
Citation / Violation Issuance Rate	58%	53%	53%	51%	36%	28%	46%						47%	
Controllable Issuance Rate	100%	95%	100%	95%	100%	87%	95%						96%	



Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
WB	20th St @ Long Beach Blvd.	322	Straight	31	325	3	2	0.06
EB	Vernon Ave @ Long Beach	421	Straight	31	182	30	9	0.29
EB	Century Blvd. @ Grandee	821	Straight	31	174	45	9	0.29
WB	Century Blvd. @ Grandee	822	Straight	31	85	1	0	0.00
EB	103rd St @ Grandee	841	Straight	31	214	57	28	0.90
EB	119th St @ Willowbrook	981	Straight	31	304	161	53	1.71
WB	119th St @ Willowbrook	982	Straight	31	1476	86	23	0.74
EB	130th @ Willowbrook	1051	Straight	31	146	38	9	0.29
WB	130th @ Willowbrook	1052	Straight	31	220	22	7	0.23
EB	Stockwell @ Willowbrook	1081	Straight	31	109	27	8	0.26
WB	Stockwell @ Willowbrook	1082	Straight	31	162	19	9	0.29
EB	Washington to NB Los Angeles	2003	Left	31	666	250	141	4.55
WB	Washington to SB Los Angeles	2008	Left	31	305	14	6	0.19
EB	Washington to NB San Pedro	2017	Left	31	640	193	79	2.55
WB	Washington to SB San Pedro	2018	Left	31	412	113	33	1.06
EB	Washington to NB Broadway	2027	Left	31	460	19	4	0.13
SB	Flower to EB 18th Street	2036	Left	31	979	37	17	0.55
SB	Flower to EB 10 Fwy On Ramp	2046	Left	31	588	19	4	0.13
WB	Venice @ Flower	2054	Left	31	163	26	0	0.00
SB	Flower to EB Venice	2056	Left	31	417	46	21	0.68
<b>Totals</b>				<b>31</b>	<b>8,027</b>	<b>1,206</b>	<b>462</b>	<b>14.90</b>

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