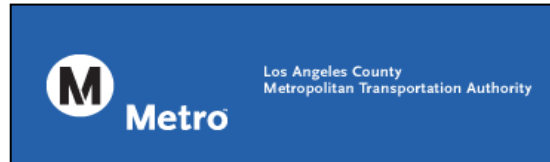




## Blue Line Monthly Report



August 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. The report covers a detailed activity profile for the active intersections where the automated traffic enforcement systems are installed.

In August 2018, the photo enforcement project for MTA Blue Line captured a total of 3,796 events. The project recorded 906 possible violations and 2,890 non-violations. The LA County Sheriff's Department issued 616 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:

10 Framing of Car/3 Framing of Driver

These events are caused by vehicle movement not allowing the image to be framed as needed for evidence; these events **decreased by 83% in one month.**

4 Data Entry

This event occurs when a photo does not display; this issue has been addressed with a firmware update; these events **decreased by 79% in one month.**

4 Dark Interior

Adjustments have been made to the cameras to avoid this error and we have had a **79% improvement since last month.**

### *In the News - Conduent White Paper*

#### **Improving Infrastructure through Public-Private Partnerships**

August 21, 2018 PUBLIC TRANSPORTATION AND MOBILITY

#### **Improving infrastructure and maximizing revenue through transportation public-private partnerships**

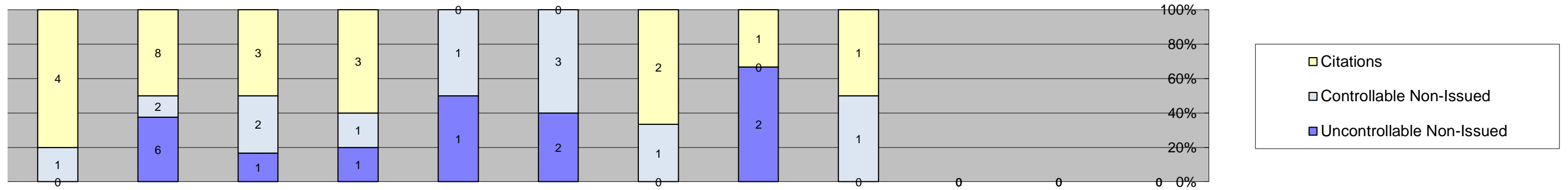
With U.S. congressional bipartisan support for investing in America's neglected infrastructure, Public-Private Partnerships (P3s) have been in the news like never before. Most experts believe any plan that will reduce the historical federal, state and local government investment burden in infrastructure will require a focus on the ability of P3s to help address the nation's crumbling roads, bridges and other public works.

<https://insights.conduent.com/white-papers/improving-infrastructure-through-public-private-partnerships>





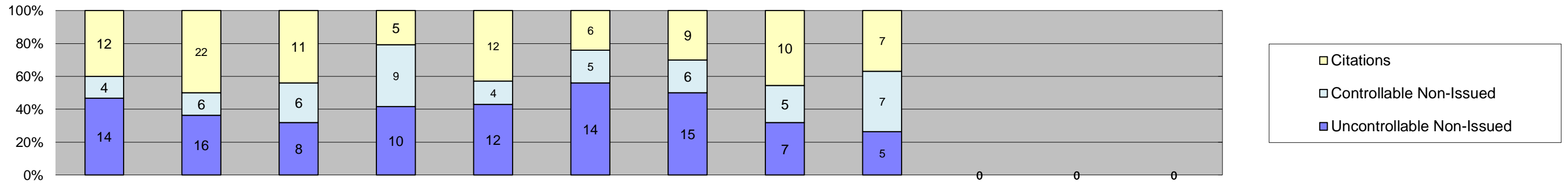
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 322: WB 20th St @ Long Beach Ave  
Straight Through Movements**



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	473	471					338	98%
Violations	5	16	6	5	2	5	3	3	2					5	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>476</b>	<b>473</b>					<b>344</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	0	6	1	1	1	2	0	2	0					2	32%
Controllable Non-Issued	1	2	2	1	1	3	1	0	1					2	22%
Citations	4	8	3	3	0	0	2	1	1					3	46%
<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>3</b>	<b>2</b>					<b>7</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	1	0					1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	121	133	119	155	158	138	162	286	290					174	51%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	143	153	168	152	169	169	160	186	181					165	48%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	1	0	0	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>473</b>	<b>471</b>					<b>340</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB/Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0					0	0%
Driver Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	2	0	0	0	0	0	2	0					2	30%
Glare on Windshield	0	0	0	0	0	0	0	0	0					0	0%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	2	0	0	1	2	0	0	0					2	25%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	1	0	0	0	0	0	0	0					1	15%
Plate Obstructed	0	1	0	1	0	0	0	0	0					1	15%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	1	0	0	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>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					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	0	0	0	1	0	0	0					1	42%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	1	2	2	1	1	2	1	0	1					1	58%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	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>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	0					0	
Average Issued Speed	8	8	8	0	0	0	12	13	12					10	
Average Issued Red Seconds	175.8	555.6	5.5	0.0	0.0	0.0	281.0	6.9	6.2					171.8	
Citation / Violation Issuance Rate	80%	50%	50%	60%	0%	0%	67%	33%	50%					56%	
Controllable Issuance Rate	80%	80%	60%	75%	0%	0%	67%	100%	50%					73%	



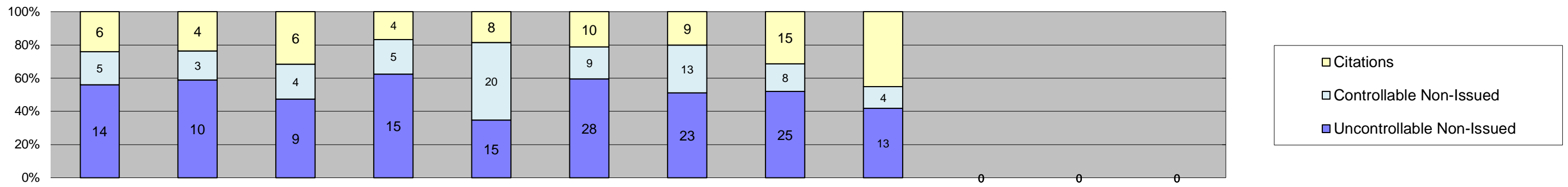
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 421: EB Vernon Ave @ Long Beach Ave  
Straight Through Movements**



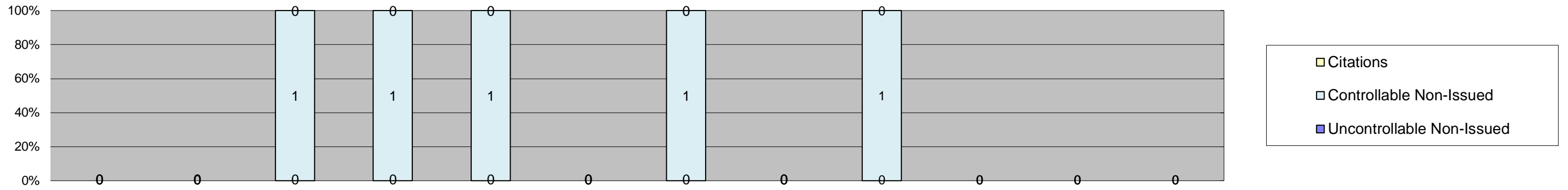
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	118	108	127	117	122	150	152	135	120				128	82%
Violations	30	44	25	24	28	25	30	22	19				27	18%
<b>Total:</b>	<b>148</b>	<b>152</b>	<b>152</b>	<b>141</b>	<b>150</b>	<b>175</b>	<b>182</b>	<b>157</b>	<b>139</b>				<b>155</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	14	16	8	10	12	14	15	7	5				11	41%
Controllable Non-Issued	4	6	6	9	4	5	6	5	7				6	21%
Citations	12	22	11	5	12	6	9	10	7				10	38%
<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>22</b>	<b>19</b>				<b>27</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	1	0	0	0	0	1	1				1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	29	31	30	28	28	54	47	33	36				35	27%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	87	77	96	89	94	96	105	101	83				92	71%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	2	0	0	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>135</b>	<b>120</b>				<b>130</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/DOB/VIOLATION	0	0	0	0	0	0	0	0	0				0	0%
Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	3	2	1	0	2	0	1	0				2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	3	0	0	0	0	0	0	0	0				3	13%
Driver Obstructed	2	1	0	1	0	0	2	0	1				1	6%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	2	0	0	0	0	0	2	0				2	7%
Glare on Windshield	0	0	0	3	0	1	2	0	0				2	9%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	2	0	0	0	0	0	0	0	0				2	9%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	1	0	0				1	4%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	4	7	2	4	2	3	2	0	2				3	14%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0				0	0%
Out of State	0	0	0	0	1	1	1	0	0				1	4%
Plate Obstructed	2	3	1	1	1	2	3	2	2				2	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	3	0	8	5	4	2	0				4	19%
<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>7</b>	<b>5</b>				<b>23</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	1	0	0	1	1	2	0	1	0				1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	0	0	0	0	1				1	10%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0				1	10%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	3	6	6	7	3	2	5	3	6				5	47%
Framing of Driver	0	0	0	0	0	0	1	0	0				1	10%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	1	0	1	0	0	0				1	10%
<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>5</b>	<b>7</b>				<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	16	14	16	16	19	19	18	17	16				17	
Average Issued Red Seconds	250.1	498.0	7.3	1750.9	6.2	20.8	19.7	135.1	5.7				299.3	
Citation / Violation Issuance Rate	40%	50%	44%	21%	43%	24%	30%	45%	37%				37%	
Controllable Issuance Rate	75%	79%	65%	36%	75%	55%	60%	67%	50%				62%	



**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	116	137				139	81%
Violations	25	17	19	24	43	47	45	48	31				33	19%
<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>164</b>	<b>168</b>				<b>172</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	14	10	9	15	15	28	23	25	13				17	51%
Controllable Non-Issued	5	3	4	5	20	9	13	8	4				8	24%
Citations	6	4	6	4	8	10	9	15	14				8	25%
<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>48</b>	<b>31</b>				<b>33</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	2	2	2	1	2	1	2	0				2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	100	51	13	51	70	19	35	24	48				46	33%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	87	81	95	90	95	103	93	90	89				91	65%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	1	0	0	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>116</b>	<b>137</b>				<b>140</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/Driver/ID	0	0	0	0	0	0	0	0	0				0	0%
Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	1	3	0	0	2	0	0	0				2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	3	0	1	1	2	1	1	0				1	6%
Driver Obstructed	3	1	0	4	3	1	0	0	0				2	10%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	1	3	0	0	1	0	4	1				2	7%
Glare on Windshield	0	0	0	2	3	2	3	2	2				2	9%
Illegible Plate	1	0	0	0	1	0	0	4	1				2	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0				1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	4	3	2	2	4	10	11	9	5				6	22%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	0	1	1	2	2	2	1	1				2	6%
Out of State	0	0	0	0	0	1	1	1	1				1	4%
Plate Obstructed	2	1	0	2	0	4	2	0	1				2	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	0	2	1	3	3	3	1				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>25</b>	<b>13</b>				<b>25</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	0	0	1	0	0				1	10%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	1	0	0	0	11	1	1	1	0				3	30%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	4	3	4	5	9	8	11	7	4				6	60%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>8</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	0				0	
Average Issued Speed	22	21	20	22	21	17	20	16	23				20	
Average Issued Red Seconds	11.7	51.5	45.9	6.0	5.7	204.6	48.0	274.6	9.7				73.1	
Citation / Violation Issuance Rate	24%	24%	32%	17%	19%	21%	20%	31%	45%				26%	
Controllable Issuance Rate	55%	57%	60%	44%	29%	53%	41%	65%	78%				53%	



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	88	82					87	99%
Violations	0	0	1	1	1	0	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>83</b>					<b>88</b>	<b>100%</b>

Violations															
Uncontrollable Non-Issued	0	0	0	0	0	0	0	0	0					0	0%
Controllable Non-Issued	0	0	1	1	1	0	1	0	1					1	100%
Citations	0	0	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>0</b>	<b>1</b>					<b>1</b>	<b>100%</b>

Non-Violations															
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	0					0	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	0	0	0	0	0	0	0	0	0					0	0%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	87	80	88	86	92	94	84	88	82					87	100%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	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>88</b>	<b>82</b>					<b>87</b>	<b>100%</b>

Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/DOB/Driver/Alt	0	0	0	0	0	0	0	0	0					0	0%
Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0					0	0%
Driver Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	0	0	0	0	0	0	0	0	0					0	0%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	0	0	0	0	0	0	0	0					0	0%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	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>0</b>	<b>0%</b>

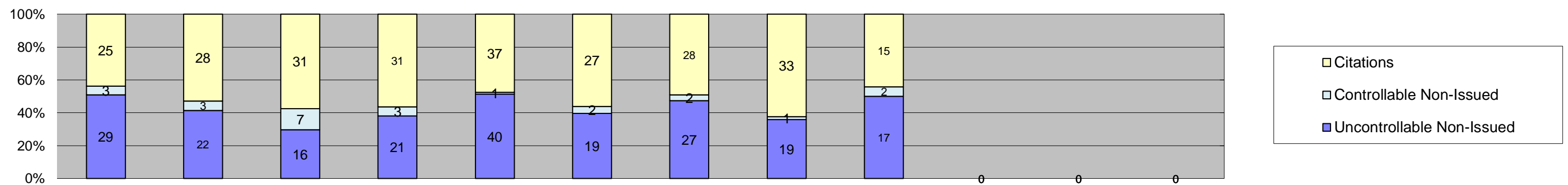
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	1	0	1	0	1	0	1					1	50%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	1	0	0	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>0</b>	<b>1</b>					<b>2</b>	<b>100%</b>

Summary Metrics														Year to Date Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	0	0	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	0.0					0.0	
Citation / Violation Issuance Rate	0%	0%	0%	0%	0%	0%	0%	0%	0%					0%	
Controllable Issuance Rate	0%	0%	0%	0%	0%	0%	0%	0%	0%					0%	





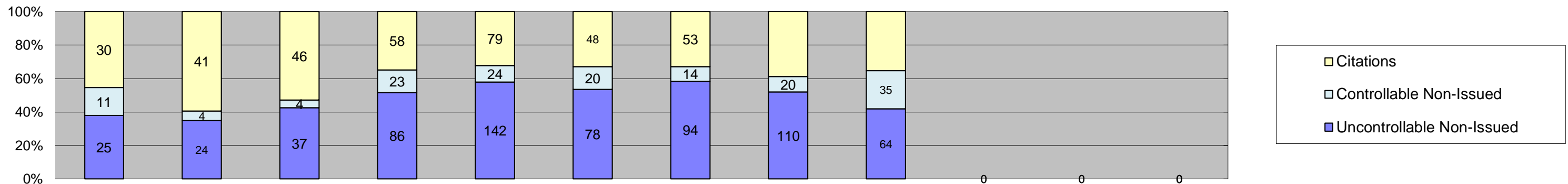
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 841: EB 103rd St @ Grandee Ave  
Straight Through Movements**



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	151	126					142	72%
Violations	57	53	54	55	78	48	57	53	34					54	28%
<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>204</b>	<b>160</b>					<b>197</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	29	22	16	21	40	19	27	19	17					23	43%
Controllable Non-Issued	3	3	7	3	1	2	2	1	2					3	5%
Citations	25	28	31	31	37	27	28	33	15					28	52%
<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>53</b>	<b>34</b>					<b>54</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	1	4	1	0	5	0	0					3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	47	29	37	51	69	54	61	61	44					50	35%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	88	78	99	89	103	97	91	90	82					91	63%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	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>151</b>	<b>126</b>					<b>144</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/DOB/Driver's License	0	0	0	0	0	0	0	0	3					3	8%
Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	4	1	0	0	1	2	0	3	0					2	6%
Driver Obstructed	2	0	0	1	2	0	1	0	0					2	4%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	6	5	2	1	4	1	1	0	1					3	7%
Glare on Windshield	0	0	0	1	0	0	5	0	0					3	8%
Illegible Plate	0	0	0	0	0	0	0	1	0					1	3%
Interest of Justice- PD	0	0	0	1	0	0	0	0	0					1	3%
Image Quality- PD	0	0	0	1	1	0	0	1	0					1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	9	9	8	15	12	8	10	4	10					9	24%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	5	4	0	0	2	2	1	2	1					2	6%
Out of State	2	0	0	0	0	0	2	0	0					2	5%
Plate Obstructed	1	3	0	1	1	1	1	2	2					2	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	6	0	17	5	6	6	0					8	21%
<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>19</b>	<b>17</b>					<b>39</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	1	0	0	0	0	1	1	0	0					1	21%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	1	1	0	0	0	0	0	0					1	21%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	1	1	5	3	1	1	1	1	2					2	37%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	1	1	1	0	0	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>1</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	0					0	
Average Issued Speed	16	18	19	18	19	19	20	19	19					19	
Average Issued Red Seconds	28.6	6.1	6.2	8.1	5.8	8.7	18.5	11.0	7.5					11.2	
Citation / Violation Issuance Rate	44%	53%	57%	56%	47%	56%	49%	62%	44%					52%	
Controllable Issuance Rate	89%	90%	82%	91%	97%	93%	93%	97%	88%					91%	



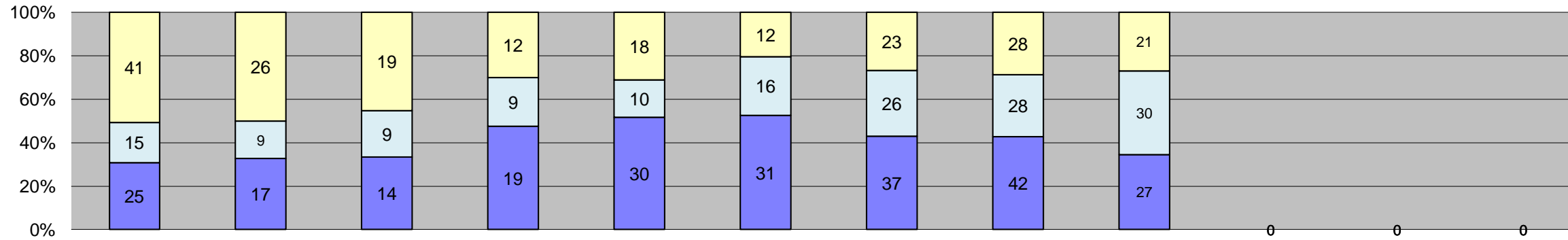
**Los Angeles County MTA Blue Line**  
**Approach Summary Report**  
**Location 981: EB 119th St @ Willowbrook**  
*Straight Through Movements*



Events	Month									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	367	192	115	160	240	126	143	138	162				183	56%			
Violations	66	69	87	167	245	146	161	212	153				145	44%			
<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>350</b>	<b>315</b>				<b>328</b>	<b>100%</b>			
<b>Violations</b>																	
Uncontrollable Non-Issued	25	24	37	86	142	78	94	110	64				73	51%			
Controllable Non-Issued	11	4	4	23	24	20	14	20	35				17	12%			
Citations	30	41	46	58	79	48	53	82	54				55	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>212</b>	<b>153</b>				<b>145</b>	<b>100%</b>			
<b>Non-Violations</b>																	
Emergency Vehicle Non-Issuable	5	0	0	2	6	3	2	1	1				3	2%			
Emergency Vehicle PD	0	0	0	1	1	1	0	2	0				1	1%			
Intersection Control in Progress- PD	0	0	0	0	0	1	0	1	0				1	1%			
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%			
No Violation Occurred	269	98	9	67	127	20	47	46	64				83	45%			
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%			
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%			
Test Shot	93	94	106	90	105	101	94	88	97				96	52%			
Train Activation	0	0	0	0	0	0	0	0	0				0	0%			
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%			
Vehicle Stopped- PD	0	0	0	0	1	0	0	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>138</b>	<b>162</b>				<b>186</b>	<b>100%</b>			
<b>Uncontrollable Non-Issued Violations</b>																	
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%			
Address/CPU/DOB/Immater	0	0	0	0	0	0	0	0	3				3	3%			
Fail	1	2	1	2	2	2	2	2	1				2	2%			
Car Obstructed	0	0	0	0	0	0	0	0	0				0	0%			
Conditions Beyond Control	10	5	7	11	23	7	10	16	6				11	12%			
Driver Identity Unclear	1	0	1	3	5	0	2	0	4				3	3%			
Driver Obstructed	0	0	0	0	0	0	0	0	0				0	0%			
Exposed	1	1	0	3	0	0	1	5	3				2	3%			
Glare on Plate	0	0	2	20	25	15	19	23	11				16	18%			
Glare on Windshield	1	0	0	0	1	0	0	0	0				1	1%			
Illegible Plate	0	0	0	0	0	0	0	1	0				1	1%			
Interest of Justice- PD	0	0	0	0	0	0	0	1	0				1	1%			
Image Quality- PD	0	0	1	3	5	2	3	7	0				4	4%			
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%			
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%			
No Plate	9	8	9	26	31	28	24	36	25				22	24%			
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%			
Obstruction In Photo- PD	0	6	1	1	1	0	3	3	0				3	3%			
Out of State	1	0	1	1	2	0	3	2	1				2	2%			
Plate Obstructed	1	2	5	5	7	4	3	5	9				5	5%			
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%			
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%			
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%			
TSB No Hit	0	0	9	11	40	20	24	10	1				16	18%			
<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>110</b>	<b>64</b>				<b>89</b>	<b>100%</b>			
<b>Controllable Non-Issued Violations</b>																	
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%			
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%			
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%			
Dark Interior	2	0	0	3	2	2	1	7	1				3	7%			
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%			
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%			
Data Entry Error	2	1	0	11	12	1	0	4	3				5	13%			
Emergency Vehicle Issue	0	0	0	0	0	0	0	2	2				2	5%			
Exposed	0	0	0	0	0	0	0	0	0				0	0%			
Equipment Malfunction	0	0	0	0	0	0	0	0	17				17	46%			
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%			
Framing of Car	5	3	4	9	10	17	13	7	12				9	24%			
Framing of Driver	1	0	0	0	0	0	0	0	0				1	3%			
Operator Error	0	0	0	0	0	0	0	0	0				0	0%			
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%			
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%			
Speed Not Determined	1	0	0	0	0	0	0	0	0				1	3%			
<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>20</b>	<b>35</b>				<b>37</b>	<b>100%</b>			
<b>Summary Metrics</b>																	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0				
Average Issued Speed	19	19	18	21	21	21	22	20	20				20				
Average Issued Red Seconds	97.2	75.7	12.2	6.0	18.0	30.0	29.5	39.0	5.8				34.8				
Citation / Violation Issuance Rate	45%	59%	53%	35%	32%	33%	33%	39%	35%				40%				
Controllable Issuance Rate	73%	91%	92%	72%	77%	71%	79%	80%	61%				77%				

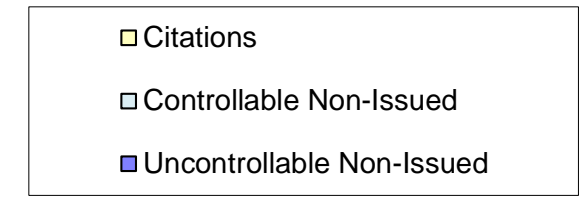
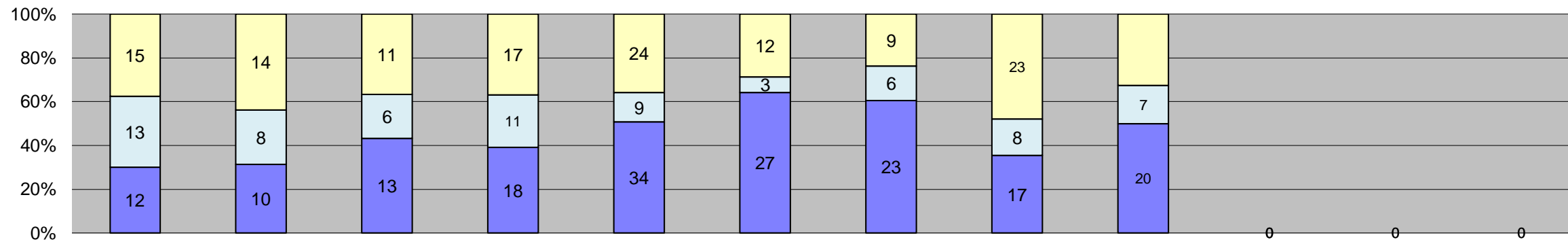


**Los Angeles County MTA Blue Line**  
**Approach Summary Report**  
**Location 982: WB 119th St @ Willowbrook**  
**Straight Through Movements**



Legend:  
 Citations  
 Controllable Non-Issued  
 Uncontrollable Non-Issued

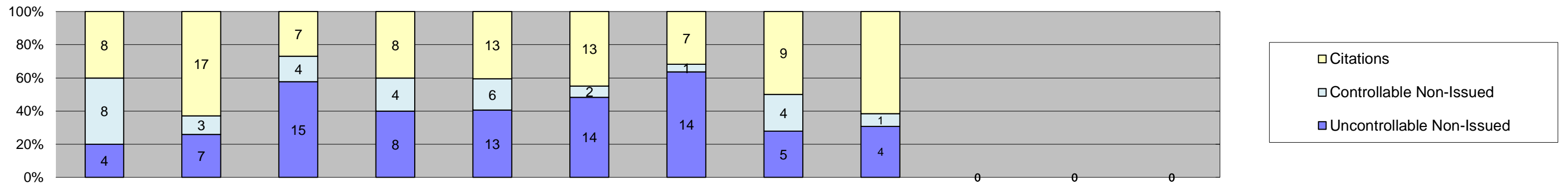
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	541	348	448	455	489	513	1,390	745	1,046				664	91%
Violations	81	52	42	40	58	59	86	98	78				66	9%
<b>Total:</b>	<b>622</b>	<b>400</b>	<b>490</b>	<b>495</b>	<b>547</b>	<b>572</b>	<b>1,476</b>	<b>843</b>	<b>1,124</b>				<b>730</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	25	17	14	19	30	31	37	42	27				27	41%
Controllable Non-Issued	15	9	9	9	10	16	26	28	30				17	26%
Citations	41	26	19	12	18	12	23	28	21				22	34%
<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>98</b>	<b>78</b>				<b>66</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	1	3	1	1	0	3	0	0				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	456	263	353	373	378	417	1,276	655	946				569	85%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	84	84	92	81	110	96	110	90	100				94	14%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	1	0	0				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>745</b>	<b>1,046</b>				<b>665</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/Camera/Weather	0	0	0	0	0	0	0	0	2				2	6%
Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	3	0	1	0	1	1	0	3	0				2	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	5	3	4	3	3	3	6	7	2				4	11%
Driver Obstructed	0	1	0	1	2	3	3	1	1				2	5%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	1	1	0	0	0	3	3				2	5%
Glare on Windshield	1	4	1	0	3	4	3	2	3				3	7%
Illegible Plate	1	0	0	0	0	0	1	1	0				1	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	1	0	0	0	1	1	1	0				1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	8	5	5	9	7	9	9	12	11				8	23%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	3	0	0	0	2	0				2	6%
Out of State	1	0	0	0	0	1	0	1	0				1	3%
Plate Obstructed	6	1	1	1	2	2	4	5	5				3	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	1	12	7	10	4	0				6	16%
<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>42</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				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	3	0	2	2	3	1	3	1	1				2	9%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	5	1	0	0	1	0	14	12	12				8	32%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1				1	4%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1				1	4%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	7	6	7	7	6	15	9	12	15				9	40%
Framing of Driver	0	2	0	0	0	0	0	3	0				3	11%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>28</b>	<b>30</b>				<b>23</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	0				0	
Average Issued Speed	17	16	14	14	13	16	16	14	16				15	
Average Issued Red Seconds	13.6	120.4	21.5	13.7	42.2	94.9	103.5	68.9	78.6				61.9	
Citation / Violation Issuance Rate	51%	50%	45%	30%	31%	20%	27%	29%	27%				34%	
Controllable Issuance Rate	73%	74%	68%	57%	64%	43%	47%	50%	41%				58%	



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	117	125				154	78%
Violations	40	32	30	46	67	42	38	48	40				43	22%
<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>165</b>	<b>165</b>				<b>196</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	12	10	13	18	34	27	23	17	20				19	45%
Controllable Non-Issued	13	8	6	11	9	3	6	8	7				8	19%
Citations	15	14	11	17	24	12	9	23	13				15	36%
<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>48</b>	<b>40</b>				<b>43</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	0				0	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	1	0	0	0	0				1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	180	55	163	32	63	6	25	38	37				67	43%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	82	79	95	87	100	89	83	79	88				87	56%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	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>117</b>	<b>125</b>				<b>154</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/Camera/ID/VIOLATION	0	0	0	0	0	0	0	0	1				1	3%
Car Obstructed	1	0	0	0	0	0	0	0	1				1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	4	3	3	3	1	0	3	0	0				3	9%
Driver Obstructed	0	0	0	1	1	3	0	0	1				2	5%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	1	3	0	0	1	1	0	1				1	4%
Glare on Windshield	0	0	0	0	3	4	5	3	3				4	11%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	1	0	0	0	1	0				1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	5	6	6	7	8	10	4	7	8				7	21%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	1	0				1	3%
Out of State	0	0	0	0	0	0	0	0	4				4	12%
Plate Obstructed	1	0	0	1	2	1	1	3	1				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	5	19	8	9	2	0				7	22%
<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>17</b>	<b>20</b>				<b>33</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	2	0	1	5	0	1	2	1	0				2	16%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	4	1	1	0	4	0	0	3	0				3	21%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	1				1	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	1	0	0	0	0	0	0	0				1	8%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	6	6	4	6	5	2	4	3	6				5	38%
Framing of Driver	1	0	0	0	0	0	0	0	0				1	8%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>8</b>	<b>7</b>				<b>12</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	16	19	16	16	14	17	18	19				17	
Average Issued Red Seconds	5.3	33.0	5.5	17.3	10.2	129.1	27.3	5.9	5.5				26.6	
Citation / Violation Issuance Rate	38%	44%	37%	37%	36%	29%	24%	48%	33%				36%	
Controllable Issuance Rate	54%	64%	65%	61%	73%	80%	60%	74%	65%				66%	



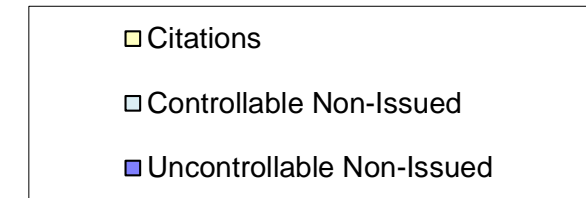
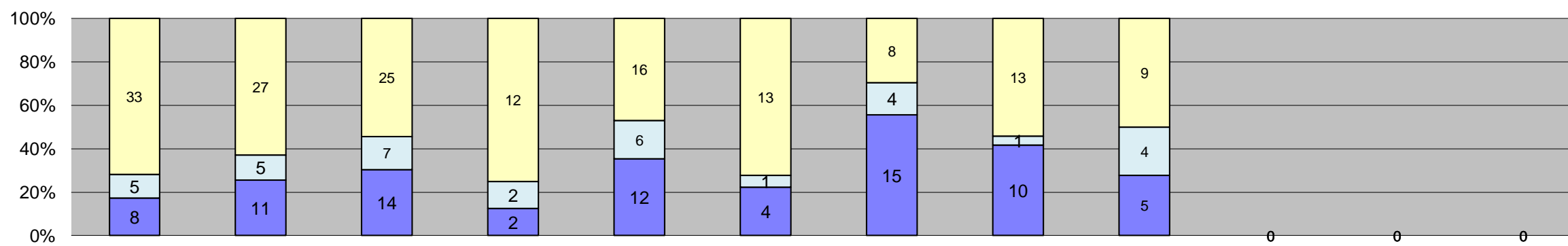
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 1052: WB 130th St @ Willowbrook  
Straight Through Movements**



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	188	172				205	90%
Violations	20	27	26	20	32	29	22	18	13				23	10%
<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>206</b>	<b>185</b>				<b>228</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	4	7	15	8	13	14	14	5	4				9	41%
Controllable Non-Issued	8	3	4	4	6	2	1	4	1				4	16%
Citations	8	17	7	8	13	13	7	9	8				10	43%
<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>18</b>	<b>13</b>				<b>23</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	1	0				1	0%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0				1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	200	72	260	70	64	76	112	104	83				116	56%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	87	83	106	80	100	91	86	83	88				89	43%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	1				1	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>188</b>	<b>172</b>				<b>208</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/Camera/Infrared Error	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	1	0	0	1	0	0	0				1	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	2	0	0	3	0	0	1	0				2	11%
Driver Obstructed	0	1	0	0	0	0	0	0	0				1	6%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	0	0	0	0	0	0				1	6%
Glare on Windshield	0	2	3	1	2	1	0	0	0				2	10%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	2	1	3	6	4	6	5	1	1				3	18%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	1	1	0	1	0				1	6%
Out of State	0	0	0	0	0	0	0	0	0				0	0%
Plate Obstructed	0	0	1	0	0	0	1	2	3				2	10%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	7	1	3	5	8	0	0				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>5</b>	<b>4</b>				<b>18</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	1	0	0	1	2	1	1	0	0				1	17%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	4	1	1	0	1	0	0	1	0				2	23%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	2	0	0	0	0	0	0				2	29%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	3	2	1	3	3	1	0	3	1				2	31%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>4</b>	<b>1</b>				<b>7</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	0				0	
Average Issued Speed	15	16	15	15	12	14	16	14	15				15	
Average Issued Red Seconds	9.1	54.5	5.9	6.3	6.3	206.4	5.4	5.9	6.2				34.0	
Citation / Violation Issuance Rate	40%	63%	27%	40%	41%	45%	32%	50%	62%				44%	
Controllable Issuance Rate	50%	85%	64%	67%	68%	87%	88%	69%	89%				74%	



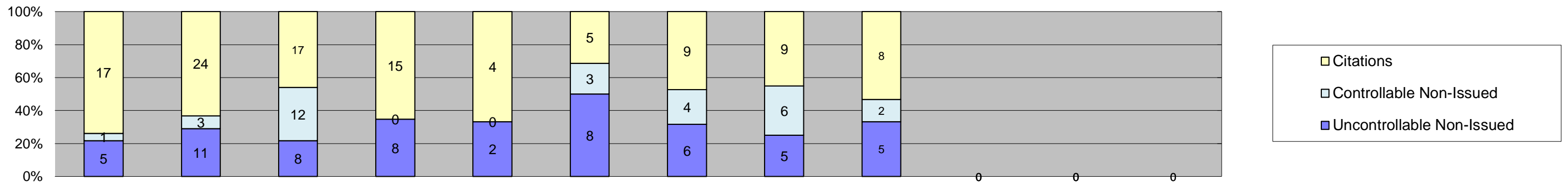
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 1081: EB Stockwell @ Willowbrook  
Straight Through Movements**



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	130	95					138	82%
Violations	46	43	46	16	34	18	27	24	18					30	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>154</b>	<b>113</b>					<b>168</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	8	11	14	2	12	4	15	10	5					9	30%
Controllable Non-Issued	5	5	7	2	6	1	4	1	4					4	13%
Citations	33	27	25	12	16	13	8	13	9					17	57%
<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>24</b>	<b>18</b>					<b>30</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	1					1	1%
Emergency Vehicle PD	0	0	0	0	0	1	0	0	0					1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	75	32	245	14	37	0	2	45	5					57	39%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	85	80	98	81	90	93	80	85	89					87	59%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0	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>130</b>	<b>95</b>					<b>147</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/DOB/Driver's License	0	0	0	0	0	0	0	0	1					1	5%
Car Obstructed	0	1	0	0	0	0	0	0	0					1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	6	4	0	0	1	1	1	1	0					2	12%
Driver Obstructed	0	0	0	0	0	0	0	1	1					1	5%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	2	0	1	0	0	0	0	0	0					2	8%
Glare on Windshield	0	0	0	0	1	0	3	1	1					2	8%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	2	0					2	10%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	4	7	1	5	1	3	4	2					3	17%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	0	0					1	5%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	2	2	0	0	0	1	1	0					2	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	4	1	4	2	7	0	0					4	18%
<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>10</b>	<b>5</b>					<b>20</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	1	0	0	0	1					1	14%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	1	3	0	1	0	0	1	1					1	19%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	5	4	4	2	4	1	3	0	1					3	41%
Framing of Driver	0	0	0	0	0	0	0	0	1					1	14%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	1	0	0					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>1</b>	<b>4</b>					<b>7</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	0					0	
Average Issued Speed	19	19	18	18	20	26	20	19	19					20	
Average Issued Red Seconds	5.6	18.0	6.0	5.6	5.4	5.7	6.1	5.6	5.5					7.1	
Citation / Violation Issuance Rate	72%	63%	54%	75%	47%	72%	30%	54%	50%					57%	
Controllable Issuance Rate	87%	84%	78%	86%	73%	93%	67%	93%	69%					81%	



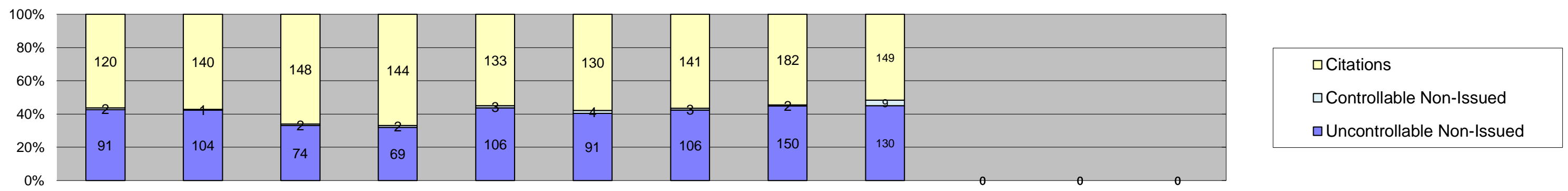
Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 1082: WB Stockwell @ Willowbrook  
 Straight Through Movements



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	165	135					165	88%
Violations	23	38	37	23	6	16	19	20	15					22	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>185</b>	<b>150</b>					<b>187</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	5	11	8	8	2	8	6	5	5					6	28%
Controllable Non-Issued	1	3	12	0	0	3	4	6	2					4	19%
Citations	17	24	17	15	4	5	9	9	8					12	52%
<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>20</b>	<b>15</b>					<b>23</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	0	0	1	0	0	0	0	0	0					1	1%
Emergency Vehicle PD	0	0	0	0	0	1	0	1	0					1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	80	42	313	60	21	37	64	86	46					83	50%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	86	83	99	78	48	92	79	78	89					81	49%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	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>165</b>	<b>135</b>					<b>167</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/DOB/DMV/Driver	0	0	0	0	0	0	0	0	1					1	8%
Car Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	2	0	1	0	2	0	0	0					2	13%
Driver Obstructed	1	1	0	0	0	0	0	0	0					1	8%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	0	0	1	1	0	0	0	1	0					1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD ISSUANCE CRITERIA NOT MET-	0	0	0	0	0	0	0	1	0					1	8%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	4	7	4	6	0	5	3	1	4					4	32%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	1	0	0	0	1	0	1	0					1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	3	0	2	0	3	1	0					2	17%
<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>5</b>	<b>5</b>					<b>13</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	1	0	0	0	0	0	2	0	0					2	13%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	5	0	0	0	0	0	0					5	45%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1					1	9%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	3	7	0	0	3	2	6	1					4	33%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	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>6</b>	<b>2</b>					<b>11</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	21	18	20	18	22	17	21	21	18					20	
Average Issued Red Seconds	5.4	47.4	5.4	162.5	5.9	5.6	6.2	5.6	6.0					27.8	
Citation / Violation Issuance Rate	74%	63%	46%	65%	67%	31%	47%	45%	53%					55%	
Controllable Issuance Rate	94%	89%	59%	100%	100%	63%	69%	60%	80%					79%	

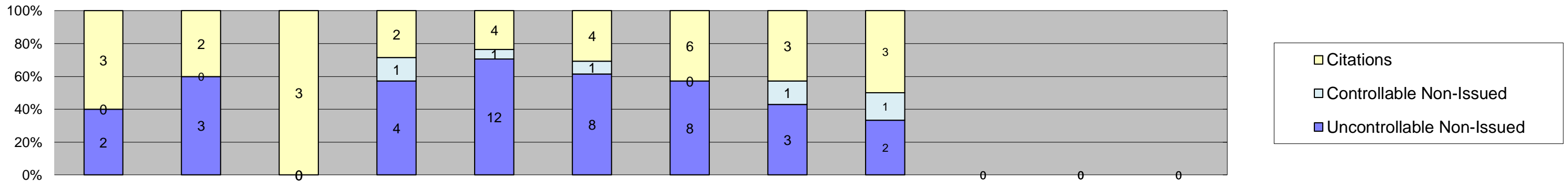


Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2003: EB to NB Washington @ Los Angeles  
 Left Turn Movements



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	403	378				441	64%
Violations	213	245	224	215	242	225	250	334	288				248	36%
<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>737</b>	<b>666</b>				<b>690</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	91	104	74	69	106	91	106	150	130				102	41%
Controllable Non-Issued	2	1	2	2	3	4	3	2	9				3	1%
Citations	120	140	148	144	133	130	141	182	149				143	58%
<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>334</b>	<b>288</b>				<b>248</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	1	1	6	4	3	2	7	1				3	1%
Emergency Vehicle PD	0	1	0	0	0	0	0	1	0				1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	430	354	386	375	350	313	328	324	298				351	79%
Rear Axle Activation	0	1	0	0	0	0	0	0	0				1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	90	85	97	87	90	97	86	71	79				87	20%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	1	1	0	1	0	0	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>403</b>	<b>378</b>				<b>444</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/DOB/Driver	0	0	0	0	0	0	0	0	12				12	9%
Car Obstructed	5	5	2	2	3	1	1	4	9				4	3%
Conditions Beyond Control	0	0	9	0	0	0	0	0	0				9	7%
Driver Identity Unclear	10	13	0	4	9	4	3	16	5				8	6%
Driver Obstructed	0	3	2	4	4	0	3	4	8				4	3%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	5	4	0	0	0	0	2	2	6				4	3%
Glare on Windshield	6	7	2	2	2	16	8	12	9				7	5%
Illegible Plate	4	5	7	4	6	7	4	9	5				6	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD Issuance Criteria Not Met- PD	0	1	0	2	4	3	1	4	1				2	2%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	43	52	26	32	32	33	40	66	60				43	33%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	6	3	4	5	5	1	5	6	3				4	3%
Out of State	8	6	5	4	8	2	4	9	7				6	5%
Plate Obstructed	4	5	1	2	2	4	3	0	3				3	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	16	8	31	20	32	18	2				18	14%
<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>150</b>	<b>130</b>				<b>129</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	2	1	0	1	1	2	3	0	2				2	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	1	0	0	1	0	1	3				2	16%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	1				1	10%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	3				3	31%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	1	2	1	0	0	0				1	14%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	1	0	0	0	0	0	0				1	10%
<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>2</b>	<b>9</b>				<b>10</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	0				0	
Average Issued Speed	19	19	19	18	19	19	18	18	18				19	
Average Issued Red Seconds	6.0	10.0	11.2	13.8	13.3	12.0	9.2	5.3	3.3				9.3	
Citation / Violation Issuance Rate	56%	57%	66%	67%	55%	58%	56%	54%	52%				58%	
Controllable Issuance Rate	98%	99%	99%	99%	98%	97%	98%	99%	94%				98%	

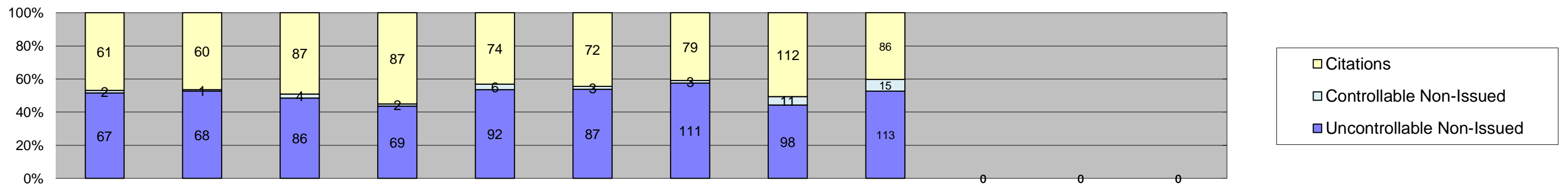




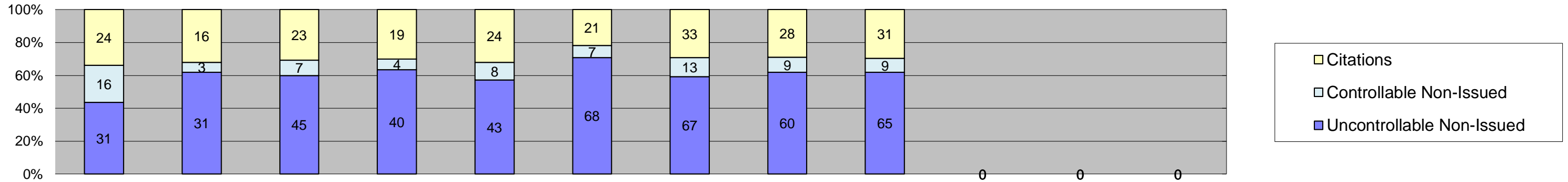
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	325	285	312	313	331	323	291	305	281				307	97%
Violations	5	5	3	7	17	13	14	7	6				9	3%
<b>Total:</b>	<b>330</b>	<b>290</b>	<b>315</b>	<b>320</b>	<b>348</b>	<b>336</b>	<b>305</b>	<b>312</b>	<b>287</b>				<b>316</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	2	3	0	4	12	8	8	3	2				5	55%
Controllable Non-Issued	0	0	0	1	1	1	0	1	1				1	10%
Citations	3	2	3	2	4	4	6	3	3				3	35%
<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>7</b>	<b>6</b>				<b>10</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	2	1	3	1	1	1	2	2				2	1%
Emergency Vehicle PD Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	250	214	231	235	252	241	214	237	206				231	75%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	74	69	80	75	78	81	76	66	73				75	24%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	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>305</b>	<b>281</b>				<b>307</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDD/DOB/Miscr	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	2	0	0	0	0	0	0	0				2	15%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	0	0	0	1	1	0	1	0				1	7%
Driver Obstructed	1	0	0	0	1	4	0	0	0				2	15%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	0	1	0				1	7%
Glare on Windshield	0	0	0	0	1	0	0	0	0				1	7%
Illegible Plate	0	0	0	0	0	1	0	0	0				1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Insurance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	1	1	0	3	4	1	4	1	2				2	16%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0				0	0%
Out of State	0	0	0	0	1	0	0	0	0				1	7%
Plate Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	0	1	4	1	4	0	0				3	18%
<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>3</b>	<b>2</b>				<b>14</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	1	0	0	0	0				1	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	1	0	1	0	1	0				1	33%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1				1	33%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>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	0				0	
Average Issued Speed	18	20	20	22	18	21	18	17	17				19	
Average Issued Red Seconds	251.7	0.6	0.5	0.5	139.4	93.2	7.3	194.1	0.5				76.4	
Citation / Violation Issuance Rate	60%	40%	100%	29%	24%	31%	43%	43%	50%				47%	
Controllable Issuance Rate	100%	100%	100%	67%	80%	80%	100%	75%	75%				86%	



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



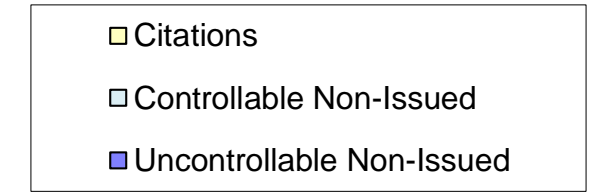
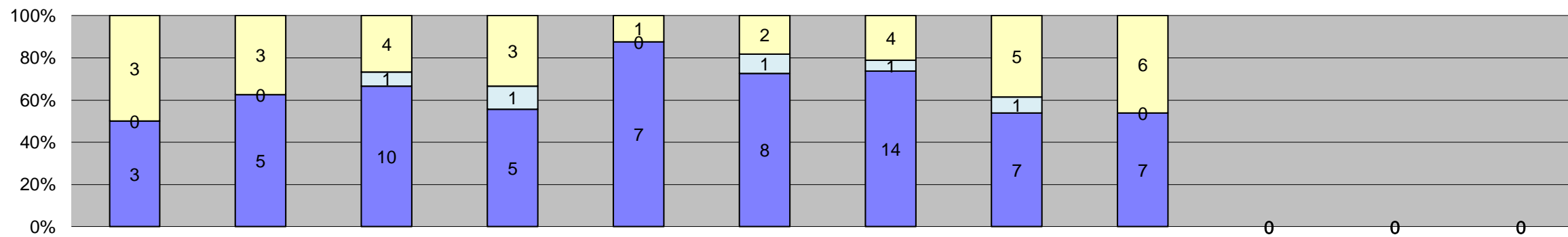
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	489	506	516	473	491	446	447	460	404				470	73%
Violations	130	129	177	158	172	162	193	221	214				173	27%
<b>Total:</b>	<b>619</b>	<b>635</b>	<b>693</b>	<b>631</b>	<b>663</b>	<b>608</b>	<b>640</b>	<b>681</b>	<b>618</b>				<b>643</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	67	68	86	69	92	87	111	98	113				88	51%
Controllable Non-Issued	2	1	4	2	6	3	3	11	15				5	3%
Citations	61	60	87	87	74	72	79	112	86				80	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>221</b>	<b>214</b>				<b>173</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	4	2	2	4	3	1	3	3				3	1%
Emergency Vehicle PD	0	0	0	0	1	0	0	1	0				1	0%
Intersection Control in Progress- PD	0	0	0	0	0	1	0	0	0				1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	395	412	417	381	400	352	365	377	327				381	81%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	92	90	97	90	85	90	81	78	74				86	18%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0	1	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>460</b>	<b>404</b>				<b>473</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/Camera/Video/IR	0	0	0	0	0	0	0	0	15				15	14%
Car Obstructed	11	10	12	11	18	13	17	27	32				17	16%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	3	9	7	5	3	1	8	9	0				6	5%
Driver Obstructed	3	5	8	7	8	8	3	1	5				5	5%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	7	3	3	3	0	2	3	7	7				4	4%
Glare on Windshield	6	11	9	6	2	5	11	3	10				7	6%
Illegible Plate	2	1	3	1	0	0	3	1	1				2	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	3	2	3	2	3	0				3	2%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	25	26	23	18	25	24	24	34	32				26	24%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	3	2	2	5	3	3	1	2	4				3	3%
Out of State	2	0	1	4	0	6	3	2	2				3	3%
Plate Obstructed	5	1	1	2	2	3	2	3	4				3	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	17	4	29	19	34	6	1				16	15%
<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>98</b>	<b>113</b>				<b>108</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	2	1	2	3	2	5	1				2	16%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	1	1	0	0	0	0	0	2				1	10%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0				1	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1				1	7%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	1	0	4	0	0	0	0				3	18%
Framing of Driver	2	0	0	0	0	0	1	5	11				5	34%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	1	0	0	0	0	0				1	7%
<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>11</b>	<b>15</b>				<b>14</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	0				0	
Average Issued Speed	19	18	19	19	19	19	18	18	18				19	
Average Issued Red Seconds	8.1	3.0	6.1	10.2	3.1	3.1	1.7	4.3	5.0				5.0	
Citation / Violation Issuance Rate	47%	47%	49%	55%	43%	44%	41%	51%	40%				46%	
Controllable Issuance Rate	97%	98%	96%	98%	93%	96%	96%	91%	85%				94%	



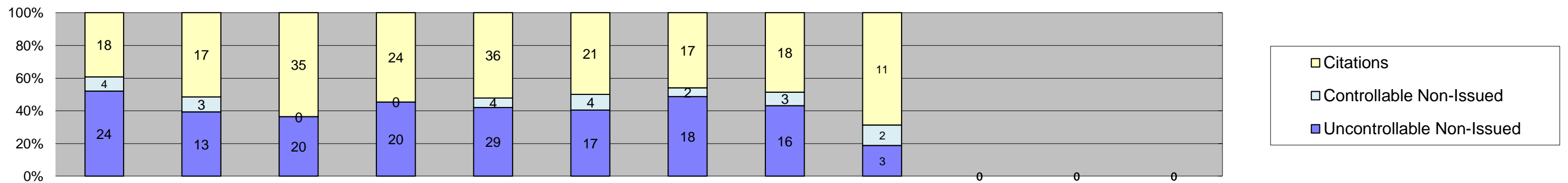
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average	
													Quantity	%
Non-Violations	336	322	358	284	293	340	299	298	277				312	79%
Violations	71	50	75	63	75	96	113	97	105				83	21%
<b>Total:</b>	<b>407</b>	<b>372</b>	<b>433</b>	<b>347</b>	<b>368</b>	<b>436</b>	<b>412</b>	<b>395</b>	<b>382</b>				<b>395</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	31	31	45	40	43	68	67	60	65				50	60%
Controllable Non-Issued	16	3	7	4	8	7	13	9	9				8	10%
Citations	24	16	23	19	24	21	33	28	31				24	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>97</b>	<b>105</b>				<b>83</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	4	5	2	2	4	4	6	0				4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	1	0				1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	249	205	233	194	205	246	215	219	198				218	69%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	83	113	120	88	86	89	80	72	79				90	29%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0	0	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>298</b>	<b>277</b>				<b>314</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/Driver	0	0	0	0	0	0	0	0	8				8	13%
Car Obstructed	3	2	1	6	1	1	2	2	5				3	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	6	3	1	2	2	4	3	2	1				3	4%
Driver Obstructed	6	6	7	8	4	8	10	11	18				9	14%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	2	2	1	5	6	8	8	12				6	9%
Glare on Windshield	4	5	6	6	3	11	7	6	1				5	9%
Illegible Plate	2	2	1	0	1	2	1	1	3				2	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	1	0	1	0	0	0	1				1	2%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	6	8	13	7	6	16	10	16	10				10	16%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	1	2	3	3	5	5	3	3				3	5%
Out of State	0	0	0	2	1	0	0	3	0				2	3%
Plate Obstructed	2	2	1	1	2	2	2	2	2				2	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	10	4	14	13	19	6	1				10	15%
<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>60</b>	<b>65</b>				<b>62</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	4	0	0	2	0	3	4	1	2				3	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0				0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	2	0	1	0	0	0	0	0				2	12%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	11	1	7	1	8	4	8	8	7				6	50%
Framing of Driver	1	0	0	0	0	0	0	0	0				1	8%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	1	0	0				1	8%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>9</b>	<b>9</b>				<b>12</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	18	18	19	18	18	18	18	17				18	
Average Issued Red Seconds	0.7	7.1	12.3	11.9	4.3	6.6	7.3	0.6	14.4				7.2	
Citation / Violation Issuance Rate	34%	32%	31%	30%	32%	22%	29%	29%	30%				30%	
Controllable Issuance Rate	60%	84%	77%	83%	75%	75%	72%	76%	78%				75%	



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



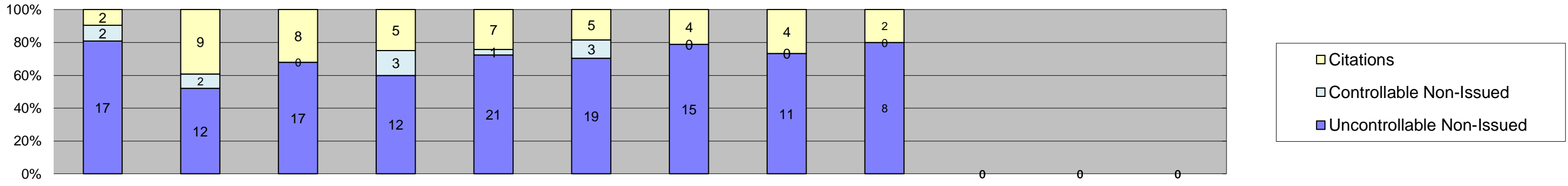
Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Average		
													Quantity	%	
Non-Violations	524	472	580	508	562	478	441	475	454					499	98%
Violations	6	8	15	9	8	11	19	13	13					11	2%
<b>Total:</b>	<b>530</b>	<b>480</b>	<b>595</b>	<b>517</b>	<b>570</b>	<b>489</b>	<b>460</b>	<b>488</b>	<b>467</b>					<b>511</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	3	5	10	5	7	8	14	7	7					7	62%
Controllable Non-Issued	0	0	1	1	0	1	1	1	0					1	8%
Citations	3	3	4	3	1	2	4	5	6					3	29%
<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>13</b>	<b>13</b>					<b>12</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	2	2	1	0	1	3	2	2	2					2	0%
Emergency Vehicle PD Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	442	391	490	431	480	383	362	405	381					418	84%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	80	79	89	77	81	92	77	68	71					79	16%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	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>475</b>	<b>454</b>					<b>500</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/DOB/Driver/ID/Photo	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	1	1	0					1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0					1	8%
Driver Obstructed	0	0	1	0	1	0	1	0	1					1	8%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	2	1	2	0	1	0	0	0	0					2	12%
Glare on Windshield	0	0	1	0	0	1	0	0	0					1	8%
Illegible Plate	0	2	3	1	0	2	2	2	2					2	15%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Insurance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	1	2	3	5	3	7	2	3					3	23%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	1	0	0	1	0	1					1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Epired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	1	0	0	2	1	2	0					2	12%
<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>7</b>	<b>7</b>					<b>13</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	1	0	0	0	0	0					1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	1	0	0	0	1	0	0					1	25%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0					1	25%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	1	0	0	0					1	25%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	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>1</b>	<b>0</b>					<b>4</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	18	15	21	16	0	17	17	21	20					18	
Average Issued Red Seconds	31.7	14.5	24.3	173.2	0.0	53.8	214.9	222.9	21.8					94.6	
Citation / Violation Issuance Rate	50%	38%	27%	33%	13%	18%	21%	38%	46%					32%	
Controllable Issuance Rate	100%	100%	80%	75%	100%	67%	80%	83%	100%					87%	



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	1,017	949				994	96%
Violations	46	33	55	44	69	42	37	37	16				42	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>1,054</b>	<b>965</b>				<b>1,036</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	24	13	20	20	29	17	18	16	3				18	42%
Controllable Non-Issued	4	3	0	0	4	4	2	3	2				3	7%
Citations	18	17	35	24	36	21	17	18	11				22	51%
<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>37</b>	<b>16</b>				<b>43</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	1				1	0%
Emergency Vehicle PD Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	915	840	889	827	869	880	783	866	811				853	86%
Rear Axle Activation	0	0	1	0	0	0	0	0	0				1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	119	129	134	153	133	149	159	151	137				140	14%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	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>1,017</b>	<b>949</b>				<b>996</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/Driver's License	0	0	0	0	0	0	0	0	1				1	3%
Car Obstructed	0	0	0	0	1	1	0	0	0				1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	0	1	1	1	0	0	2	0				1	5%
Driver Obstructed	1	0	6	2	5	4	3	2	0				3	11%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	13	1	1	0	0	0	0	0	0				5	17%
Glare on Windshield	0	0	0	2	0	0	0	0	0				2	7%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Insurance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	7	9	6	11	10	9	7	8	2				8	26%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	1	2	0	1	1	0	0	0	0				1	4%
Out of State	0	0	1	0	2	1	2	2	0				2	5%
Plate Obstructed	0	1	1	0	2	0	1	0	0				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	4	3	7	2	5	2	0				4	13%
<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>16</b>	<b>3</b>				<b>29</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	1	1	0	1	0				1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	1	0	0	0	2	0	0	1				1	16%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	3	2	0	0	0	0	0	0	0				3	30%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	2	0	0	1	0				2	18%
Framing of Driver	1	0	0	0	1	1	1	1	1				1	12%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	0	1	0	0				1	12%
<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>3</b>	<b>2</b>				<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	15	15	16	16	15	16	17	16	15				16	
Average Issued Red Seconds	2.4	5.0	3.9	3.7	7.5	4.7	3.0	6.5	7.7				4.9	
Citation / Violation Issuance Rate	39%	52%	64%	55%	52%	50%	46%	49%	69%				53%	
Controllable Issuance Rate	82%	85%	100%	100%	90%	84%	89%	86%	85%				89%	



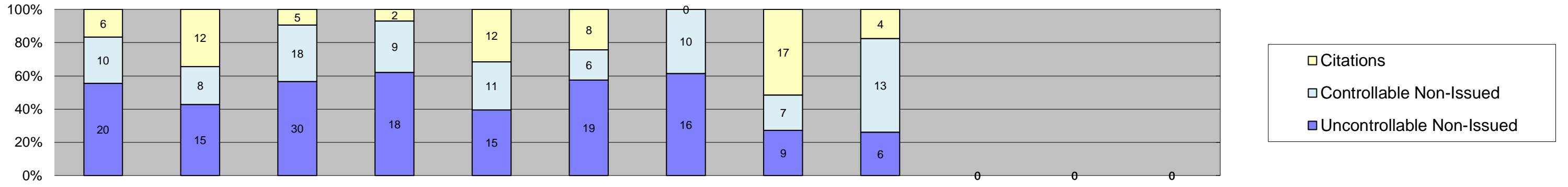
**Los Angeles County MTA Blue Line  
Approach Summary Report  
Location 2046: SB to EB Flower @ 10 Fwy Onramp  
Left Turn Movements**



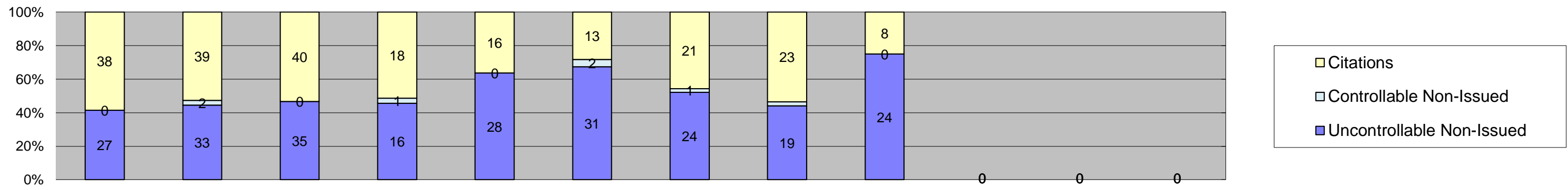
Events	Year to Date Average													
	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Quantity	%
Non-Violations	631	556	654	575	649	678	569	571	560				605	97%
Violations	21	23	25	20	29	27	19	15	10				21	3%
<b>Total:</b>	<b>652</b>	<b>579</b>	<b>679</b>	<b>595</b>	<b>678</b>	<b>705</b>	<b>588</b>	<b>586</b>	<b>570</b>				<b>626</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	17	12	17	12	21	19	15	11	8				15	67%
Controllable Non-Issued	2	2	0	3	1	3	0	0	0				2	10%
Citations	2	9	8	5	7	5	4	4	2				5	23%
<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>15</b>	<b>10</b>				<b>22</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	0				0	0%
Emergency Vehicle PD Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	548	470	563	491	551	560	482	493	475				515	85%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	83	85	91	84	98	118	87	78	85				90	15%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	1	0	0	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>571</b>	<b>560</b>				<b>606</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	6	1	0	0	0	2				3	13%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	0	2	0	2	0	0	1	0				2	6%
Driver Obstructed	6	5	7	0	7	6	6	6	2				6	24%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	2	1	0	0	0	0	1	1	0				1	5%
Glare on Windshield	1	0	1	1	1	0	0	0	0				1	4%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	1	0	0	0	0	0	0	0	0				1	4%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	4	4	4	3	9	11	6	1	4				5	22%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	2	1	0	0	0	1	1	0				1	6%
Out of State	0	0	1	2	0	1	0	1	0				1	5%
Plate Obstructed	0	0	0	0	0	0	1	0	0				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	0	1	1	0	0	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>11</b>	<b>8</b>				<b>23</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	2	0	3	0	3	0	0	0				3	47%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	2	0	0	0	0	0	0	0	0				2	35%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	1	0	0	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>0</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	0				0	
Average Issued Speed	16	17	19	21	20	17	18	20	17				18	
Average Issued Red Seconds	1.3	3.6	2.4	0.9	0.8	2.8	0.9	9.5	1.6				2.6	
Citation / Violation Issuance Rate	10%	39%	32%	25%	24%	19%	21%	27%	20%				24%	
Controllable Issuance Rate	50%	82%	100%	63%	88%	63%	100%	100%	100%				83%	



Los Angeles County MTA Blue Line  
 Approach Summary Report  
 Location 2054: WB Venice @ Flower  
 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	128	121	133	139	142	161	137	123	122				134	80%
Violations	36	35	53	29	38	33	26	33	23				34	20%
<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>156</b>	<b>145</b>				<b>168</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	20	15	30	18	15	19	16	9	6				16	47%
Controllable Non-Issued	10	8	18	9	11	6	10	7	13				10	29%
Citations	6	12	5	2	12	8	0	17	4				8	24%
<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>33</b>	<b>23</b>				<b>35</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	2	0	2	0	5	3	3	0				3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	47	40	44	48	50	40	43	31	35				42	31%
Rear Axle Activation	0	0	0	0	0	1	0	0	0				1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	81	79	89	89	92	115	91	89	87				90	66%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	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>123</b>	<b>122</b>				<b>136</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/DOB/Driver	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	1	0	1	0	0	1	1	1	1				1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	2	0	0	2	0	2	0	0				2	7%
Driver Obstructed	1	0	1	0	0	0	0	0	0				1	4%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	1	1	1	1	1	1				1	4%
Glare on Windshield	1	1	1	2	2	5	1	2	0				2	7%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0				1	4%
Issuance Criteria Not Met- PD	2	5	11	8	0	0	0	0	0				7	24%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	8	6	6	5	4	9	6	3	4				6	21%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0	0	0				1	4%
Out of State	0	0	3	0	1	1	0	1	0				2	5%
Plate Obstructed	4	0	2	0	4	0	1	0	0				3	10%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	5	1	1	2	4	1	0				2	8%
<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>9</b>	<b>6</b>				<b>28</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	1	0	0				1	8%
Dark Interior	0	1	1	0	0	0	0	0	0				1	8%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	0	1	0	0	0				1	8%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	1	1	4	0	2	0	1	2	4				2	16%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	9	6	13	9	9	5	8	5	9				8	61%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>7</b>	<b>13</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	0				0	
Average Issued Speed	25	25	23	20	26	24	22	21	22				23	
Average Issued Red Seconds	0.5	2.6	0.6	0.3	0.5	2.1	20.2	1.5	0.5				3.2	
Citation / Violation Issuance Rate	17%	34%	9%	7%	32%	24%	0%	52%	17%				24%	
Controllable Issuance Rate	38%	60%	22%	18%	52%	57%	0%	71%	24%				43%	



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	363	345				414	89%
Violations	65	74	75	35	44	46	46	43	32				51	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>406</b>	<b>377</b>				<b>465</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	27	33	35	16	28	31	24	19	24				26	51%
Controllable Non-Issued	0	2	0	1	0	2	1	1	0				1	3%
Citations	38	39	40	18	16	13	21	23	8				24	46%
<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>43</b>	<b>32</b>				<b>52</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	4	1	0	0	4	0	3	1				3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	405	349	358	330	260	228	255	248	234				296	71%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	112	109	129	122	117	116	116	112	110				116	28%
Train Activation	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	1	0	0	0	0				1	0%
Vehicle Stopped- PD	0	0	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>363</b>	<b>345</b>				<b>416</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/DOB/Driver	0	0	0	0	0	0	0	0	3				3	8%
Fail	1	2	0	0	0	0	1	0	0				1	4%
Car Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	2	1	0	2	0	0	1	0				1	4%
Driver Obstructed	4	3	1	4	0	3	0	0	1				3	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	7	4	2	2	6	4	3	2	9				4	12%
Glare on Windshield	0	0	1	0	0	0	0	0	0				1	3%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	1	0	0	0	0	0	0				1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	9	17	17	6	14	19	10	12	9				13	34%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	4	3	2	0	0	1	0	0				2	6%
Out of State	3	1	4	1	0	1	0	0	1				2	5%
Plate Obstructed	0	0	0	0	0	0	1	1	1				1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Epired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	5	1	6	4	8	3	0				5	12%
<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>19</b>	<b>24</b>				<b>37</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	1	0	0	0	0	0				1	31%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	1	0	0	0	2	1	1	0				1	38%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	1	0	0	0	0	0	0	0				1	31%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	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>1</b>	<b>0</b>				<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	18	19	18	20	19	20	18	19	18				19	
Average Issued Red Seconds	54.7	12.9	56.8	21.2	7.2	11.5	81.5	110.9	106.1				51.4	
Citation / Violation Issuance Rate	58%	53%	53%	51%	36%	28%	46%	53%	25%				45%	
Controllable Issuance Rate	100%	95%	100%	95%	100%	87%	95%	96%	100%				96%	



Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
WB	20th St @ Long Beach Blvd.	322	Straight	30	473	2	1	0.03
EB	Vernon Ave @ Long Beach	421	Straight	30	139	19	7	0.23
EB	Century Blvd. @ Grandee	821	Straight	30	168	31	14	0.47
WB	Century Blvd. @ Grandee	822	Straight	30	83	1	0	0.00
EB	103rd St @ Grandee	841	Straight	30	160	34	15	0.50
EB	119th St @ Willowbrook	981	Straight	30	315	153	54	1.80
WB	119th St @ Willowbrook	982	Straight	30	1124	78	21	0.70
EB	130th @ Willowbrook	1051	Straight	30	165	40	13	0.43
WB	130th @ Willowbrook	1052	Straight	30	185	13	8	0.27
EB	Stockwell @ Willowbrook	1081	Straight	30	113	18	9	0.30
WB	Stockwell @ Willowbrook	1082	Straight	30	150	15	8	0.27
EB	Washington to NB Los Angeles	2003	Left	30	666	288	149	4.97
WB	Washington to SB Los Angeles	2008	Left	30	287	6	3	0.10
EB	Washington to NB San Pedro	2017	Left	30	618	214	86	2.87
WB	Washington to SB San Pedro	2018	Left	30	382	105	31	1.03
EB	Washington to NB Broadway	2027	Left	30	467	13	6	0.20
SB	Flower to EB 18th Street	2036	Left	30	965	16	11	0.37
SB	Flower to EB 10 Fwy On Ramp	2046	Left	30	570	10	2	0.07
WB	Venice @ Flower	2054	Left	30	145	23	4	0.13
SB	Flower to EB Venice	2056	Left	30	377	32	8	0.27
<b>Totals</b>				<b>30</b>	<b>7,552</b>	<b>1,111</b>	<b>450</b>	<b>15.00</b>

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