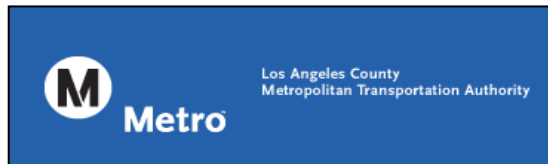




# Orange Line Monthly Report



August 2018





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### *Executive Summary*

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

In August 2018, the photo enforcement project for MTA Orange Line captured a total of 8,799 events. The project recorded 4,506 possible violations and 4,293 non-violations. The LA County Sheriff's Department issued 2,980 citations reflecting a 53% issuance rate and a controllable issuance rate of 94%. The following controllable non-issued violations occurred for these reasons and are being addressed:

17 Data Entry / 9 Equipment Malfunction

Both of these events occur when a photo or video do not display; this issue has been addressed with a firmware update. This issue has **decreased by 90% in one month**.

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

These events are caused by vehicle movement not allowing the image to be framed as needed for evidence; adjustments will continue to be made to avoid these issues.

5 Clarity of Plate

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

2 Dark Interior

Adjustments continue to be made to the cameras to avoid this error and we continue to see this issue decrease.

1 Emergency Vehicles

Caused by emergency vehicles while responding to emergencies.

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

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

August 21, 2018 PUBLIC TRANSPORTATION AND MOBILITY

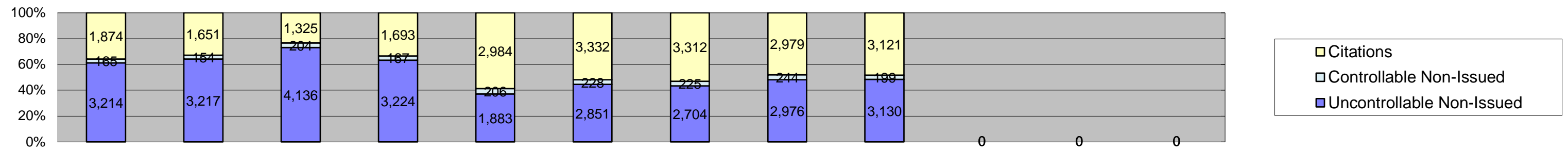
#### **Improving infrastructure and maximizing revenue through transportation public-private partnerships**

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 Orange Line  
Approach Summary Report  
All Locations  
2018

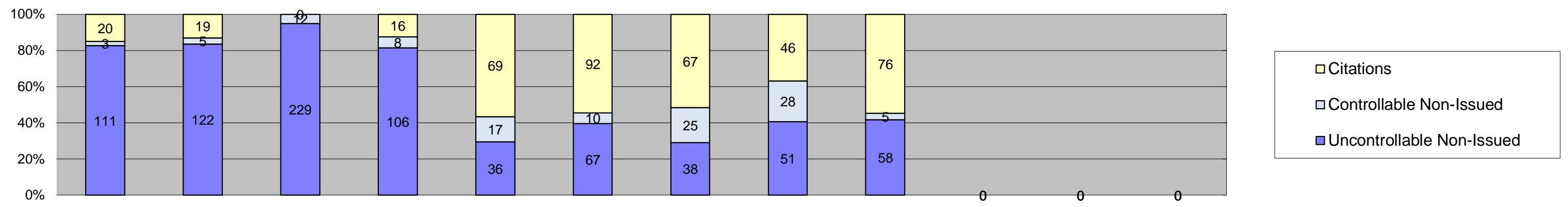


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	9,116	8,024	9,328	9,458	9,086	9,190	9,232	9,783	9,640					9,206	62%
Violations	5,253	5,022	5,665	5,052	5,073	6,411	6,241	6,199	6,450					5,707	38%
<b>Total:</b>	<b>14,369</b>	<b>13,046</b>	<b>14,993</b>	<b>14,510</b>	<b>14,159</b>	<b>15,601</b>	<b>15,473</b>	<b>15,982</b>	<b>16,090</b>					<b>14,914</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	3,214	3,217	4,136	3,224	1,883	2,851	2,704	2,976	3,130					3,037	53%
Controllable Non-Issued	165	154	204	167	206	228	225	244	199					199	3%
Citations	1,874	1,651	1,325	1,693	2,984	3,332	3,312	2,979	3,121					2,475	43%
<b>Total:</b>	<b>5,253</b>	<b>5,022</b>	<b>5,665</b>	<b>5,084</b>	<b>5,073</b>	<b>6,411</b>	<b>6,241</b>	<b>6,199</b>	<b>6,450</b>					<b>5,711</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	225	164	221	206	190	196	170	135	191					189	2%
Emergency Vehicle PD	1	4	4	2	1	6	6	4	1					3	0%
Intersection Control in Progress-PD	2	1	4	0	0	0	0	0	0					2	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	5,499	4,895	5,631	5,984	5,415	5,717	5,684	6,181	6,160					5,685	62%
Rear Axle Activation	34	43	44	41	59	45	1	2	0					34	0%
Right Turn- No Violation	32	29	40	24	49	45	19	33	40					35	0%
Test Shot	3,316	2,878	3,359	3,187	3,364	3,179	3,341	3,421	3,241					3,254	35%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	1	0	0	1	0	0	0	1					1	0%
Vehicle Stopped- PD	7	9	25	14	7	2	11	7	6					10	0%
<b>Total:</b>	<b>9,116</b>	<b>8,024</b>	<b>9,328</b>	<b>9,458</b>	<b>9,086</b>	<b>9,190</b>	<b>9,232</b>	<b>9,783</b>	<b>9,640</b>					<b>9,212</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	2	0	1	0	0	1	0					1	0%
Address/CDL/DOB Match Fail	0	0	0	0	1	1	2	0	0					1	0%
Car Obstructed	34	23	24	43	40	41	55	95	82					49	1%
Conditions Beyond Control	34	58	90	82	0	0	0	0	0					66	2%
Driver Identity Unclear	101	110	67	31	22	55	50	50	95					65	2%
Driver Obstructed	73	65	63	87	70	85	70	88	84					76	2%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	122	104	35	33	30	35	45	53	123					64	2%
Glare on Windshield	32	70	107	79	160	142	144	92	139					107	3%
Illegible Plate	0	3	7	2	4	1	0	6	8					4	0%
Interest of Justice- PD	5	5	1	0	0	0	0	0	0					4	0%
Image Quality- PD	18	25	11	17	21	23	27	7	6					17	0%
Issuance Criteria Not Met- PD	1,303	1,371	1,930	1,360	2	0	0	0	1					995	28%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	925	919	981	959	1,137	1,179	1,172	1,217	1,132					1,069	30%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	235	311	268	246	198	259	213	182	209					236	7%
Out of State	121	106	126	108	133	147	142	170	160					135	4%
Plate Obstructed	45	45	55	46	64	60	44	49	61					52	1%
Short Yellow- PD	0	1	0	0	0	0	0	0	0					1	0%
Third Party Damage	0	1	0	3	0	0	0	0	0					2	0%
TSB Expired	2	0	1	0	0	1	6	75	226					52	1%
TSB No Hit	164	0	368	128	0	822	734	891	804					559	16%
<b>Total:</b>	<b>3,214</b>	<b>3,217</b>	<b>4,136</b>	<b>3,224</b>	<b>1,883</b>	<b>2,851</b>	<b>2,704</b>	<b>2,976</b>	<b>3,130</b>					<b>3,554</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduent Expire	38	0	0	0	1	0	0	3	1					11	5%
Clarity of Plate	0	0	0	1	9	15	12	4	1					7	3%
Clarity of Driver	0	2	1	1	11	8	0	1	0					4	2%
Dark Interior	13	12	14	15	20	21	16	17	14					16	7%
Data Box Related- PD	1	0	0	0	0	1	0	0	0					1	0%
Data Box Data Error- PD	1	1	0	0	0	0	0	0	0					1	0%
Data Entry Error	73	107	138	121	115	134	119	153	78					115	53%
Emergency Vehicle Issue	3	0	4	1	4	4	10	4	9					5	2%
Exposed	0	0	0	0	10	5	0	14	8					9	4%
Equipment Malfunction	4	8	25	3	10	3	34	29	74					21	10%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	21	18	14	23	21	30	30	16	12					21	9%
Framing of Driver	1	0	1	0	1	0	1	0	0					1	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	2	2	3	0	1	2	2	3	2					2	1%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	8	4	4	2	3	5	1	0	0					4	2%
<b>Total:</b>	<b>165</b>	<b>154</b>	<b>204</b>	<b>167</b>	<b>206</b>	<b>228</b>	<b>225</b>	<b>244</b>	<b>199</b>					<b>218</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	23	23	23	23	23	23	23	23	23					23	
Average Issued Red Seconds	11.5	10.1	9.6	11.4	10.7	10.9	10.2	10.1	10.4					10.6	
Citation / Violation Issuance Rate	36%	33%	23%	33%	59%	52%	53%	48%	48%					43%	
Controllable Issuance Rate	92%	91%	87%	91%	94%	94%	94%	92%	94%					92%	





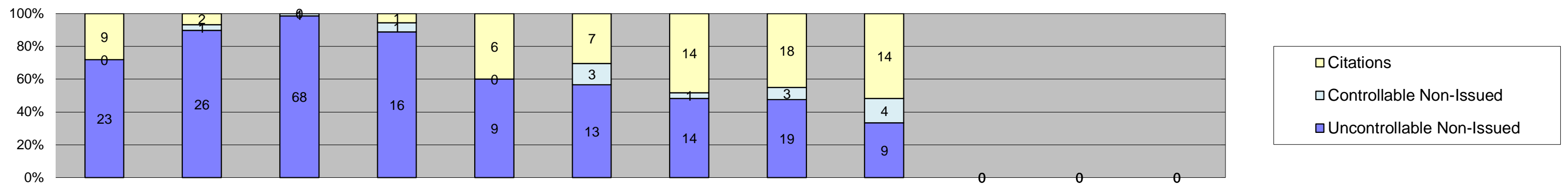
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1301: NB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	233	187	227	234	246	213	183	207	225				217	59%
Violations	134	146	241	130	122	169	130	125	139				148	41%
<b>Total:</b>	<b>367</b>	<b>333</b>	<b>468</b>	<b>364</b>	<b>368</b>	<b>382</b>	<b>313</b>	<b>332</b>	<b>364</b>				<b>366</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	111	122	229	106	36	67	38	51	58				91	59%
Controllable Non-Issued	3	5	12	8	17	10	25	28	5				13	8%
Citations	20	19	0	16	69	92	67	46	76				51	33%
<b>Total:</b>	<b>134</b>	<b>146</b>	<b>241</b>	<b>130</b>	<b>122</b>	<b>169</b>	<b>130</b>	<b>125</b>	<b>139</b>				<b>154</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	93	66	83	83	58	75	45	39	58				67	30%
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	19	17	19	20	11	16	8	18	12				16	7%
Rear Axle Activation	0	0	0	4	1	4	0	0	0				3	1%
Right Turn- No Violation	0	0	0	0	0	1	0	1	2				1	1%
Test Shot	121	104	125	127	176	117	130	149	153				134	61%
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>233</b>	<b>187</b>	<b>227</b>	<b>234</b>	<b>246</b>	<b>213</b>	<b>183</b>	<b>207</b>	<b>225</b>				<b>220</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	3	0	0	0	0	0	1				2	1%
Conditions Beyond Control	1	4	8	1	0	0	0	0	0				4	2%
Driver Identity Unclear	0	0	0	0	1	0	1	2	3				2	1%
Driver Obstructed	3	1	2	1	2	1	0	2	0				2	1%
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	2	6	10	4	4	3	0	3	2				4	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	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	67	70	143	62	0	0	0	0	0				86	57%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	32	36	39	28	20	33	21	27	34				30	20%
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	1				1	1%
Out of State	3	4	6	6	6	5	3	3	6				5	3%
Plate Obstructed	0	0	7	1	2	1	0	2	0				3	2%
Short Yellow- PD	0	1	0	0	0	0	0	0	0				1	1%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	3	0	11	3	0	24	13	12	11				11	7%
<b>Total:</b>	<b>111</b>	<b>122</b>	<b>229</b>	<b>106</b>	<b>36</b>	<b>67</b>	<b>38</b>	<b>51</b>	<b>58</b>				<b>149</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	2	0	2	0	0	2				2	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	4	6	6	6	5	8	28	2				7	38%
Emergency Vehicle Issue	1	0	0	0	0	2	0	0	0				2	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	1	4	0	10	0	16	0	1				6	33%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	1	1	0	0	0				1	5%
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	0	0	0	0	0	1	0	0				1	5%
<b>Total:</b>	<b>3</b>	<b>5</b>	<b>12</b>	<b>8</b>	<b>17</b>	<b>10</b>	<b>25</b>	<b>28</b>	<b>5</b>				<b>19</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	18	18	18	18	18	17	17	17	18				18	
Average Issued Red Seconds	7.0	7.6	6.1	8.1	7.4	7.2	9.5	8.3	8.0				8	
Citation / Violation Issuance Rate	15%	13%	0%	12%	57%	54%	52%	37%	55%				37%	
Controllable Issuance Rate	87%	79%	0%	67%	80%	90%	73%	62%	94%				79%	



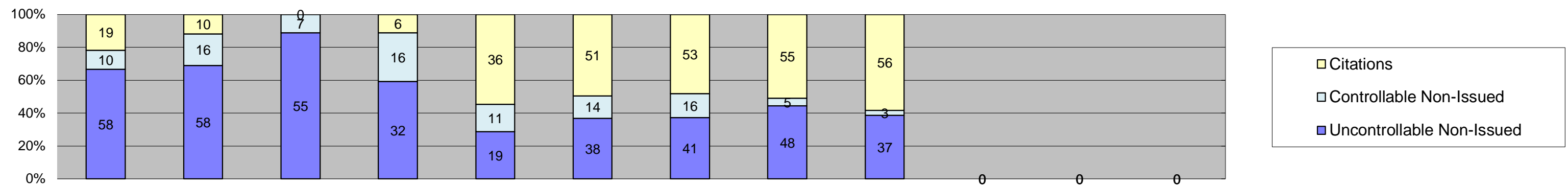
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1302: SB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	168	137	159	157	150	136	153	160	158				153	83%
Violations	32	29	69	18	15	23	29	40	27				31	17%
<b>Total:</b>	<b>200</b>	<b>166</b>	<b>228</b>	<b>175</b>	<b>165</b>	<b>159</b>	<b>182</b>	<b>200</b>	<b>185</b>				<b>184</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	23	26	68	16	9	13	14	19	9				22	67%
Controllable Non-Issued	0	1	1	1	0	3	1	3	4				2	6%
Citations	9	2	0	1	6	7	14	18	14				9	27%
<b>Total:</b>	<b>32</b>	<b>29</b>	<b>69</b>	<b>18</b>	<b>15</b>	<b>23</b>	<b>29</b>	<b>40</b>	<b>27</b>				<b>33</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	7	2	3	7	2	5	8	4	6				5	3%
Emergency Vehicle PD	0	0	0	0	0	0	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	7	10	13	7	10	7	8	10	10				9	6%
Rear Axle Activation	1	0	0	1	0	0	0	0	0				1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	153	125	143	142	138	124	137	145	142				139	90%
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>168</b>	<b>137</b>	<b>159</b>	<b>157</b>	<b>150</b>	<b>136</b>	<b>153</b>	<b>160</b>	<b>158</b>				<b>155</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	1	0	0	1	0	1	2	0	1				1	3%
Conditions Beyond Control	0	0	3	0	0	0	0	0	0				3	8%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1				1	3%
Driver Obstructed	0	0	0	0	0	1	1	0	0				1	3%
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	1	0	0	0	0	0	0				1	3%
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	11	13	33	8	0	0	0	0	0				16	41%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	9	12	19	5	9	5	7	13	5				9	24%
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	1	0	3	1	0	1	3	1	1				2	4%
Plate Obstructed	1	1	6	0	0	0	0	0	0				3	7%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	3	1	0	5	1	5	1				3	7%
<b>Total:</b>	<b>23</b>	<b>26</b>	<b>68</b>	<b>16</b>	<b>9</b>	<b>13</b>	<b>14</b>	<b>19</b>	<b>9</b>				<b>40</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	1	0	0	1				1	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	1	1	1	0	2	1	1	1				1	25%
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	2	1				2	32%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	1				1	22%
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>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>1</b>	<b>3</b>	<b>4</b>				<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	18	17	17	20	19	20	19	19	19				19	
Average Issued Red Seconds	8.7	19.9	5.4	14.4	5.3	13.8	9.5	10.7	9.7				11	
Citation / Violation Issuance Rate	28%	7%	0%	6%	40%	30%	48%	45%	52%				32%	
Controllable Issuance Rate	100%	67%	0%	50%	100%	70%	93%	86%	78%				80%	



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

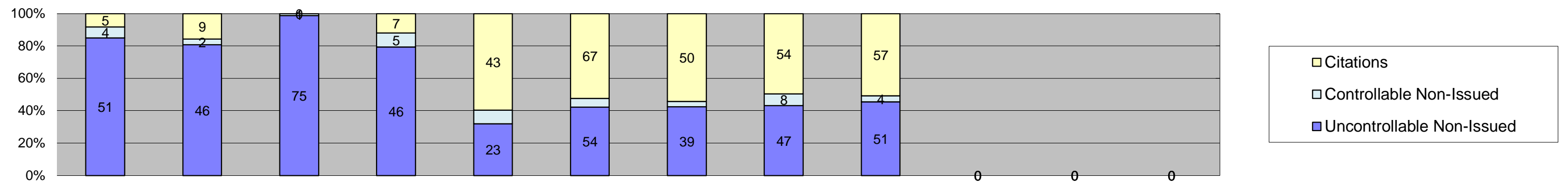


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	152	189	161	208	175	189	184	171				179	68%
Violations	87	84	62	54	66	103	110	108	96				86	32%
<b>Total:</b>	<b>273</b>	<b>236</b>	<b>251</b>	<b>215</b>	<b>274</b>	<b>278</b>	<b>299</b>	<b>292</b>	<b>267</b>				<b>265</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	58	58	55	32	19	38	41	48	37				43	48%
Controllable Non-Issued	10	16	7	16	11	14	16	5	3				11	12%
Citations	19	10	0	6	36	51	53	55	56				36	40%
<b>Total:</b>	<b>87</b>	<b>84</b>	<b>62</b>	<b>54</b>	<b>66</b>	<b>103</b>	<b>110</b>	<b>108</b>	<b>96</b>				<b>90</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	4	2	5	1	2	5	1	1				3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	1	0	0	0	0	0	0				1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	32	20	22	27	37	18	39	36	23				28	16%
Rear Axle Activation	1	0	1	1	6	0	0	0	0				2	1%
Right Turn- No Violation	27	23	38	17	43	39	17	23	31				29	16%
Test Shot	123	105	125	111	121	116	128	124	116				119	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	0	0	0	0	0	0	0				0	0%
<b>Total:</b>	<b>186</b>	<b>152</b>	<b>189</b>	<b>161</b>	<b>208</b>	<b>175</b>	<b>189</b>	<b>184</b>	<b>171</b>				<b>182</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	1	0	0	0	0	0	0	0	0				1	1%
Conditions Beyond Control	0	3	0	1	0	0	0	0	0				2	3%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0				0	0%
Driver Obstructed	1	0	0	0	0	1	0	0	0				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	0	0	0	0	1	0				1	1%
Glare on Windshield	0	0	0	0	1	0	1	0	0				1	1%
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	29	38	35	16	0	0	0	0	0				30	42%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	24	14	14	14	16	16	22	24	16				18	25%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	0	0				1	1%
Out of State	1	1	1	1	2	4	3	3	0				2	3%
Plate Obstructed	1	0	0	0	0	1	0	0	0				1	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	1	0	5	0	0	16	15	20	21				13	18%
<b>Total:</b>	<b>58</b>	<b>58</b>	<b>55</b>	<b>32</b>	<b>19</b>	<b>38</b>	<b>41</b>	<b>48</b>	<b>37</b>				<b>70</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	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	3	2	0	3	2	1	1	3	2				2	14%
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	3	0	0	0	0	1	0	1				2	11%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	7	11	6	13	8	13	14	2	0				9	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	1	0	0	0	0	0	0				1	7%
<b>Total:</b>	<b>10</b>	<b>16</b>	<b>7</b>	<b>16</b>	<b>11</b>	<b>14</b>	<b>16</b>	<b>5</b>	<b>3</b>				<b>15</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	22	21	22	22	25	23	22	22	22				22	
Average Issued Red Seconds	9.6	12.3	10.8	10.4	11.0	9.7	10.3	9.8	9.3				10	
Citation / Violation Issuance Rate	22%	12%	0%	11%	55%	50%	48%	51%	58%				38%	
Controllable Issuance Rate	66%	38%	0%	27%	77%	78%	77%	92%	95%				69%	





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

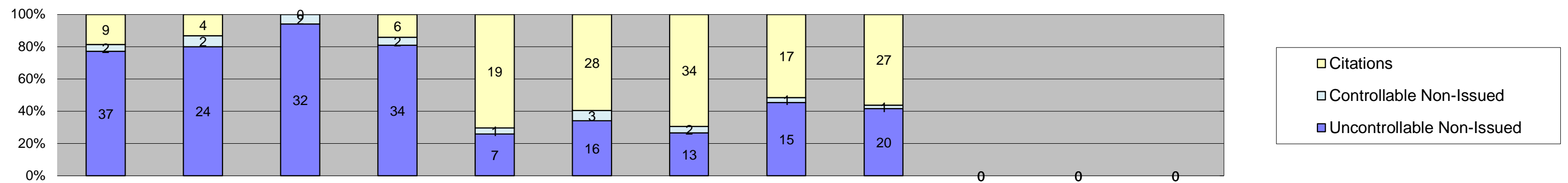


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	233	232	228	261	238	208	272	280	279				248	74%
Violations	60	57	76	58	72	128	92	109	112				85	26%
<b>Total:</b>	<b>293</b>	<b>289</b>	<b>304</b>	<b>319</b>	<b>310</b>	<b>336</b>	<b>364</b>	<b>389</b>	<b>391</b>				<b>333</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	51	46	75	46	23	54	39	47	51				48	54%
Controllable Non-Issued	4	2	1	5	6	7	3	8	4				4	5%
Citations	5	9	0	7	43	67	50	54	57				37	41%
<b>Total:</b>	<b>60</b>	<b>57</b>	<b>76</b>	<b>58</b>	<b>72</b>	<b>128</b>	<b>92</b>	<b>109</b>	<b>112</b>				<b>89</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	2	2	2	1	1	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	112	125	103	146	111	93	155	162	169				131	52%
Rear Axle Activation	3	3	1	3	6	5	0	0	0				4	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	116	102	122	110	120	109	116	116	110				113	46%
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>233</b>	<b>232</b>	<b>228</b>	<b>261</b>	<b>238</b>	<b>208</b>	<b>272</b>	<b>280</b>	<b>279</b>				<b>249</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	1	1	0	0	4	5				3	4%
Conditions Beyond Control	1	0	6	2	0	0	0	0	0				3	4%
Driver Identity Unclear	0	0	0	0	0	0	0	1	2				2	2%
Driver Obstructed	1	0	1	0	0	2	0	1	0				1	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	2	4	1	0	1	0	1	2	7				3	3%
Glare on Windshield	0	2	1	1	1	0	1	0	0				1	2%
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	27	26	45	24	0	0	0	0	0				31	41%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	15	13	19	15	17	38	22	28	21				21	28%
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	1	3	1	2	0	3				2	2%
Plate Obstructed	0	0	1	1	0	0	0	0	2				1	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	5	0	1	1	0	13	13	11	11				8	11%
<b>Total:</b>	<b>51</b>	<b>46</b>	<b>75</b>	<b>46</b>	<b>23</b>	<b>54</b>	<b>39</b>	<b>47</b>	<b>51</b>				<b>75</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	1	0	1	0	0	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	2	1	1	4	5	3	2	4	2				3	31%
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	1	3	2				2	23%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	2	0	0	0	1	3	0	0	0				2	23%
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	1	0	0	0				1	12%
<b>Total:</b>	<b>4</b>	<b>2</b>	<b>1</b>	<b>5</b>	<b>6</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>				<b>9</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	30	33	31	30	33	32	32	32	32				32	
Average Issued Red Seconds	2.4	2.5	3.0	2.7	2.6	1.3	3.8	2.6	3.3				3	
Citation / Violation Issuance Rate	8%	16%	0%	12%	60%	52%	54%	50%	51%				38%	
Controllable Issuance Rate	56%	82%	0%	58%	88%	91%	94%	87%	93%				81%	





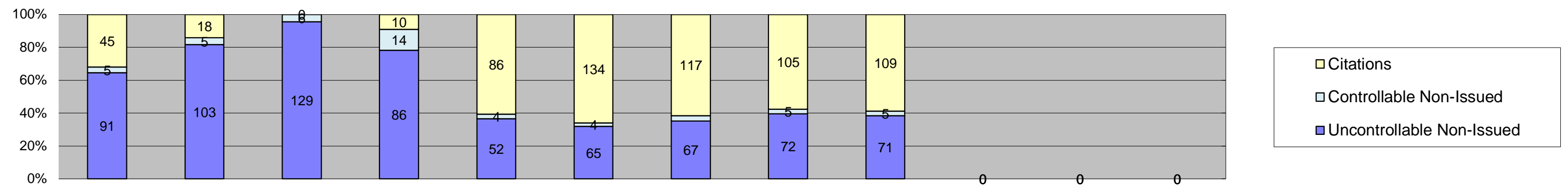
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1321: NB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	141	136	150	146	156	156	135	154	140				146	79%
Violations	48	30	34	42	27	47	49	33	48				40	21%
<b>Total:</b>	<b>189</b>	<b>166</b>	<b>184</b>	<b>188</b>	<b>183</b>	<b>203</b>	<b>184</b>	<b>187</b>	<b>188</b>				<b>186</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	37	24	32	34	7	16	13	15	20				22	53%
Controllable Non-Issued	2	2	2	2	1	3	2	1	1				2	4%
Citations	9	4	0	6	19	28	34	17	27				18	43%
<b>Total:</b>	<b>48</b>	<b>30</b>	<b>34</b>	<b>42</b>	<b>27</b>	<b>47</b>	<b>49</b>	<b>33</b>	<b>48</b>				<b>42</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	7	7	6	4	10	3	4	6				5	4%
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	23	26	22	24	34	31	15	29	20				25	17%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	1	0	0	0	0	0	0				1	1%
Test Shot	116	103	120	116	118	115	117	121	114				116	79%
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>141</b>	<b>136</b>	<b>150</b>	<b>146</b>	<b>156</b>	<b>156</b>	<b>135</b>	<b>154</b>	<b>140</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/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	1	1	0	0	1	0	1				1	2%
Conditions Beyond Control	1	0	2	1	0	0	0	0	0				1	3%
Driver Identity Unclear	0	1	0	0	0	0	0	0	1				1	2%
Driver Obstructed	0	0	1	0	0	1	0	0	0				1	2%
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	1	0	0	0	1	0	0	0	1				1	2%
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	22	16	20	19	0	0	0	0	0				19	48%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	8	7	6	12	6	12	7	5	9				8	20%
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	2%
Out of State	1	0	0	1	0	0	0	2	2				2	4%
Plate Obstructed	0	0	0	0	0	0	0	1	0				1	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	2	0	0	3	5	6	6				4	11%
<b>Total:</b>	<b>37</b>	<b>24</b>	<b>32</b>	<b>34</b>	<b>7</b>	<b>16</b>	<b>13</b>	<b>15</b>	<b>20</b>				<b>40</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	20%
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	2	2	2	0	3	0	1	0				2	40%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	1				1	20%
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	1	0	0	0	0				1	20%
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>2</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>1</b>				<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	24	25	25	25	28	27	28	23	25				26	
Average Issued Red Seconds	5.5	3.9	5.8	8.4	5.5	4.9	6.6	7.1	5.6				6	
Citation / Violation Issuance Rate	19%	13%	0%	14%	70%	60%	69%	52%	56%				44%	
Controllable Issuance Rate	82%	67%	0%	75%	95%	90%	94%	94%	96%				87%	



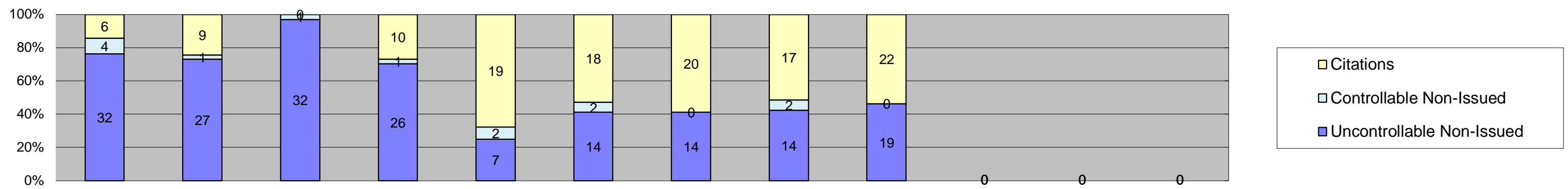
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1322: SB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	151	183	203	170	134	168	172	161				170	52%
Violations	141	126	135	110	142	203	190	182	185				157	48%
<b>Total:</b>	<b>327</b>	<b>277</b>	<b>318</b>	<b>313</b>	<b>312</b>	<b>337</b>	<b>358</b>	<b>354</b>	<b>346</b>				<b>327</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	91	103	129	86	52	65	67	72	71				82	49%
Controllable Non-Issued	5	5	6	14	4	4	6	5	5				6	4%
Citations	45	18	0	10	86	134	117	105	109				78	47%
<b>Total:</b>	<b>141</b>	<b>126</b>	<b>135</b>	<b>110</b>	<b>142</b>	<b>203</b>	<b>190</b>	<b>182</b>	<b>185</b>				<b>166</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	1	0	1	2	0	1	1	0				1	1%
Emergency Vehicle PD	0	0	0	0	0	0	1	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	62	44	56	57	50	34	45	50	53				50	29%
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	124	106	127	145	118	99	121	121	108				119	69%
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>186</b>	<b>151</b>	<b>183</b>	<b>203</b>	<b>170</b>	<b>134</b>	<b>168</b>	<b>172</b>	<b>161</b>				<b>172</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	1	0	0	1	1	3	4	4				2	2%
Conditions Beyond Control	0	1	3	3	0	0	0	0	0				2	2%
Driver Identity Unclear	0	0	0	0	0	0	0	0	2				2	1%
Driver Obstructed	0	1	0	1	0	0	0	2	0				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	2	0	0	0	0	0	0	1				1	1%
Glare on Windshield	0	0	0	0	2	0	2	0	0				2	1%
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	61	69	96	55	0	0	0	0	0				70	52%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	21	26	20	23	43	32	33	33	40				30	22%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	3	0	0	1				2	1%
Out of State	0	3	0	0	0	2	4	4	1				3	2%
Plate Obstructed	1	0	2	1	6	3	2	4	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	7	0	8	3	0	24	23	25	19				16	12%
<b>Total:</b>	<b>91</b>	<b>103</b>	<b>129</b>	<b>86</b>	<b>52</b>	<b>65</b>	<b>67</b>	<b>72</b>	<b>71</b>				<b>135</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	1	0	0	0	0	0	0				1	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	3	4	4	13	4	4	5	2	2				5	40%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0				1	9%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	3				3	22%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	2	0	0	1	0	0	1	0	0				1	12%
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	1	1	0	0	0	0	0	0				1	9%
<b>Total:</b>	<b>5</b>	<b>5</b>	<b>6</b>	<b>14</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>5</b>	<b>5</b>				<b>11</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	28	28	27	28	29	29	29	27	29				28	
Average Issued Red Seconds	3.6	2.4	2.5	2.9	2.3	2.6	1.5	2.6	2.4				3	
Citation / Violation Issuance Rate	32%	14%	0%	9%	61%	66%	62%	58%	59%				45%	
Controllable Issuance Rate	90%	78%	0%	42%	96%	97%	95%	95%	96%				86%	



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

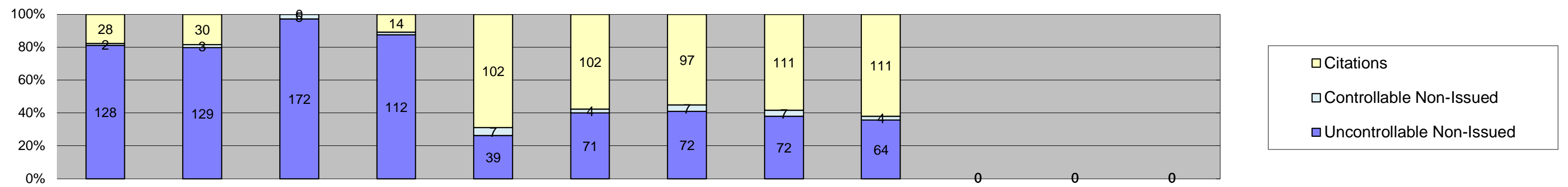


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	151	148	167	154	169	188	222	193	196				176	83%
Violations	42	37	33	37	28	34	34	33	41				35	17%
<b>Total:</b>	<b>193</b>	<b>185</b>	<b>200</b>	<b>191</b>	<b>197</b>	<b>222</b>	<b>256</b>	<b>226</b>	<b>237</b>				<b>212</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	32	27	32	26	7	14	14	14	19				21	55%
Controllable Non-Issued	4	1	1	1	2	2	0	2	0				2	5%
Citations	6	9	0	10	19	18	20	17	22				15	40%
<b>Total:</b>	<b>42</b>	<b>37</b>	<b>33</b>	<b>37</b>	<b>28</b>	<b>34</b>	<b>34</b>	<b>33</b>	<b>41</b>				<b>38</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	4	1	2	0	1	1	0	2				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	20	22	23	24	20	31	31	22	30				25	14%
Rear Axle Activation	0	1	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	130	121	143	128	149	155	190	171	164				150	85%
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>151</b>	<b>148</b>	<b>167</b>	<b>154</b>	<b>169</b>	<b>188</b>	<b>222</b>	<b>193</b>	<b>196</b>				<b>178</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	1	0				1	3%
Conditions Beyond Control	1	2	4	2	0	0	0	0	0				2	6%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0				0	0%
Driver Obstructed	0	1	0	0	0	0	0	0	0				1	3%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	0	0	0	0	1	0				1	3%
Glare on Windshield	0	0	0	0	0	0	0	0	1				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	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	19	15	19	13	0	0	0	0	0				17	44%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	7	8	6	9	7	8	7	3	9				7	19%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	1				1	3%
Out of State	1	0	1	0	0	1	1	1	2				1	3%
Plate Obstructed	0	0	0	1	0	1	0	1	0				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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	2	1	0	4	5	7	6				4	11%
<b>Total:</b>	<b>32</b>	<b>27</b>	<b>32</b>	<b>26</b>	<b>7</b>	<b>14</b>	<b>14</b>	<b>14</b>	<b>19</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	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	3	1	1	0	1	1	0	2	0				2	43%
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	0	0	0	0	0	0	0	0				1	29%
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	1	1	0	0	0				1	29%
<b>Total:</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>2</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	31	32	33	29	31	30	34	31	30				31	
Average Issued Red Seconds	1.5	0.5	1.2	2.3	4.3	3.2	1.7	1.2	1.6				2	
Citation / Violation Issuance Rate	14%	24%	0%	27%	68%	53%	59%	52%	54%				44%	
Controllable Issuance Rate	60%	90%	0%	91%	90%	90%	100%	89%	100%				89%	





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

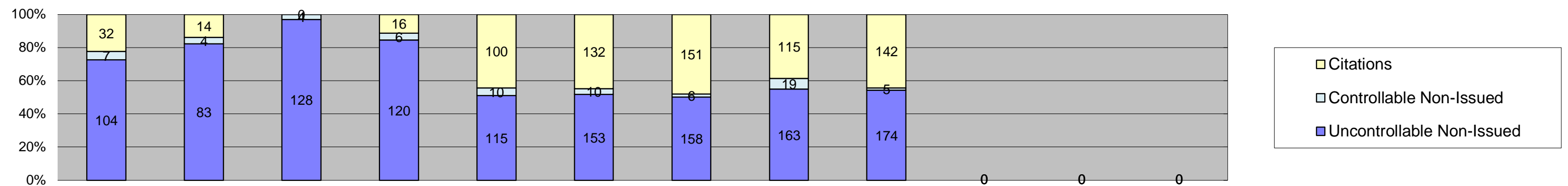


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	145	125	133	127	139	138	146	134	127				135	45%
Violations	158	162	177	128	148	177	176	190	179				166	55%
<b>Total:</b>	<b>303</b>	<b>287</b>	<b>310</b>	<b>255</b>	<b>287</b>	<b>315</b>	<b>322</b>	<b>324</b>	<b>306</b>				<b>301</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	128	129	172	112	39	71	72	72	64				95	55%
Controllable Non-Issued	2	3	5	2	7	4	7	7	4				5	3%
Citations	28	30	0	14	102	102	97	111	111				74	43%
<b>Total:</b>	<b>158</b>	<b>162</b>	<b>177</b>	<b>128</b>	<b>148</b>	<b>177</b>	<b>176</b>	<b>190</b>	<b>179</b>				<b>174</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	0	0	0	1	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	1	0	0	0	0	0	0	0				1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	13	9	10	9	12	19	25	12	19				14	10%
Rear Axle Activation	3	6	4	3	5	4	0	0	0				4	3%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	128	109	119	115	121	115	121	121	107				117	85%
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>145</b>	<b>125</b>	<b>133</b>	<b>127</b>	<b>139</b>	<b>138</b>	<b>146</b>	<b>134</b>	<b>127</b>				<b>138</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	1	0				1	1%
Conditions Beyond Control	0	5	4	5	0	0	0	0	0				5	3%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0				1	1%
Driver Obstructed	1	1	0	1	0	1	1	1	0				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	44	12	0	0	0	1	0	2	1				12	8%
Glare on Windshield	0	0	0	0	1	0	0	0	0				1	1%
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	45	73	121	73	0	0	0	0	0				78	50%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	28	29	32	26	33	40	40	40	32				33	21%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	1	1	1	0	0	4				2	1%
Out of State	7	5	4	3	2	7	6	4	2				4	3%
Plate Obstructed	0	2	0	0	2	0	2	0	2				2	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	3	0	11	3	0	21	22	24	23				15	10%
<b>Total:</b>	<b>128</b>	<b>129</b>	<b>172</b>	<b>112</b>	<b>39</b>	<b>71</b>	<b>72</b>	<b>72</b>	<b>64</b>				<b>155</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	2	2	4	2	7	4	7	6	0				4	55%
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	4				3	32%
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	1	1	0	0	0	0	0	0				1	13%
<b>Total:</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>2</b>	<b>7</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>4</b>				<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	31	33	32	33	33	33	34	33	32				33	
Average Issued Red Seconds	1.0	0.8	1.0	1.0	0.6	0.8	0.8	1.0	1.0				1	
Citation / Violation Issuance Rate	18%	19%	0%	11%	69%	58%	55%	58%	62%				44%	
Controllable Issuance Rate	93%	91%	0%	88%	94%	96%	93%	94%	97%				93%	





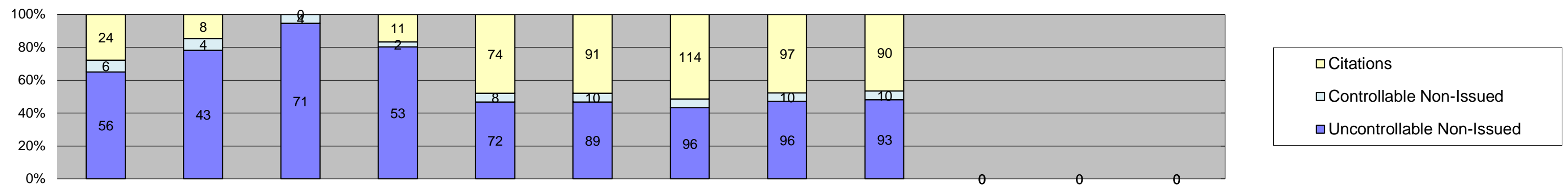
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1341: NB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	174	156	175	153	171	162	166	164	156				164	43%
Violations	143	101	132	142	225	295	315	297	321				219	57%
<b>Total:</b>	<b>317</b>	<b>257</b>	<b>307</b>	<b>295</b>	<b>396</b>	<b>457</b>	<b>481</b>	<b>461</b>	<b>477</b>				<b>383</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	104	83	128	120	115	153	158	163	174				133	58%
Controllable Non-Issued	7	4	4	6	10	10	6	19	5				8	3%
Citations	32	14	0	16	100	132	151	115	142				88	38%
<b>Total:</b>	<b>143</b>	<b>101</b>	<b>132</b>	<b>142</b>	<b>225</b>	<b>295</b>	<b>315</b>	<b>297</b>	<b>321</b>				<b>229</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	7	5	8	4	4	8	1	2	11				6	3%
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	48	43	40	39	41	38	44	42	35				41	25%
Rear Axle Activation	1	0	0	0	2	0	0	0	0				2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	118	108	127	110	124	116	121	120	110				117	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	0	0	0	0	0	0	0	0	0				0	0%
<b>Total:</b>	<b>174</b>	<b>156</b>	<b>175</b>	<b>153</b>	<b>171</b>	<b>162</b>	<b>166</b>	<b>164</b>	<b>156</b>				<b>165</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	3	0	2	7	8	9	12	21	17				10	5%
Conditions Beyond Control	4	0	0	2	0	0	0	0	0				3	2%
Driver Identity Unclear	0	0	0	0	1	4	2	5	12				5	3%
Driver Obstructed	1	1	1	1	0	2	3	2	0				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	0	0	2	2	3	1	1	67				11	6%
Glare on Windshield	0	6	5	11	28	22	21	15	22				16	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	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	65	48	81	55	0	0	0	0	0				62	33%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	21	22	23	32	61	66	65	72	0				45	24%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	1	0	0				1	1%
Out of State	1	4	4	4	3	6	9	8	8				5	3%
Plate Obstructed	2	2	1	2	11	10	8	3	9				5	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	6	0	11	4	0	31	36	36	39				23	12%
<b>Total:</b>	<b>104</b>	<b>83</b>	<b>128</b>	<b>120</b>	<b>115</b>	<b>153</b>	<b>158</b>	<b>163</b>	<b>174</b>				<b>189</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	4	3	1	1				2	20%
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	3	4	2	4	5	6	3	15	1				5	41%
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	2	2				2	17%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	1	1				1	9%
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	0	0	0	2	0	0	0	0				2	13%
<b>Total:</b>	<b>7</b>	<b>4</b>	<b>4</b>	<b>6</b>	<b>10</b>	<b>10</b>	<b>6</b>	<b>19</b>	<b>5</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	35	35	34	35	33	35	35	33	33				34	
Average Issued Red Seconds	0.6	0.8	0.6	1.1	0.7	0.7	0.7	5.9	0.7				1	
Citation / Violation Issuance Rate	22%	14%	0%	11%	44%	45%	48%	39%	44%				33%	
Controllable Issuance Rate	82%	78%	0%	73%	91%	93%	96%	86%	97%				87%	



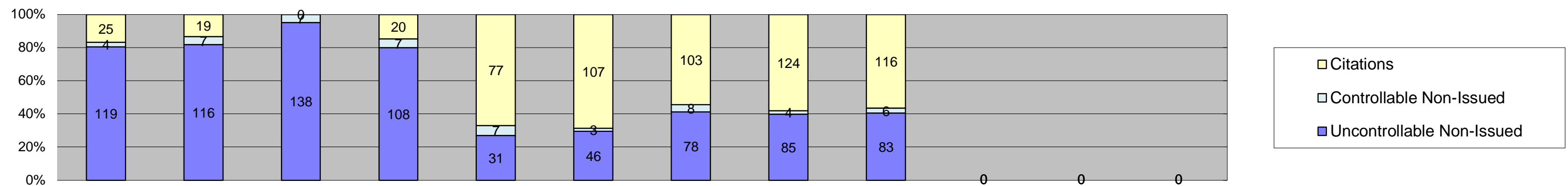
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1342: SB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	217	202	197	190	192	183	203	197	213				199	59%
Violations	86	55	75	66	154	190	222	203	193				138	41%
<b>Total:</b>	<b>303</b>	<b>257</b>	<b>272</b>	<b>256</b>	<b>346</b>	<b>373</b>	<b>425</b>	<b>400</b>	<b>406</b>				<b>338</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	56	43	71	53	72	89	96	96	93				74	51%
Controllable Non-Issued	6	4	4	2	8	10	12	10	10				7	5%
Citations	24	8	0	11	74	91	114	97	90				64	44%
<b>Total:</b>	<b>86</b>	<b>55</b>	<b>75</b>	<b>66</b>	<b>154</b>	<b>190</b>	<b>222</b>	<b>203</b>	<b>193</b>				<b>145</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	5	3	4	3	3	0	5	2	4				4	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	90	89	65	64	60	59	71	66	94				73	36%
Rear Axle Activation	0	0	1	2	2	2	0	0	0				2	1%
Right Turn- No Violation	4	5	0	6	5	3	2	8	6				5	2%
Test Shot	118	105	127	115	122	119	125	121	109				118	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	0	0	0	0	0				0	0%
<b>Total:</b>	<b>217</b>	<b>202</b>	<b>197</b>	<b>190</b>	<b>192</b>	<b>183</b>	<b>203</b>	<b>197</b>	<b>213</b>				<b>201</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	1	1	0	1	4	4	5	14	4				4	4%
Conditions Beyond Control	1	0	1	3	0	0	0	0	0				2	2%
Driver Identity Unclear	0	0	0	0	1	0	1	4	3				2	2%
Driver Obstructed	0	1	0	0	1	0	2	1	0				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	0	0	2	0	0	1				1	1%
Glare on Windshield	0	1	4	1	23	11	6	1	2				6	6%
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	32	25	40	26	0	0	0	0	0				31	29%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	14	13	17	19	38	37	44	40	47				30	29%
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	1%
Out of State	2	1	2	2	2	1	2	4	4				2	2%
Plate Obstructed	1	0	1	1	3	5	5	3	3				3	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	5	0	6	0	0	29	31	28	29				21	20%
<b>Total:</b>	<b>56</b>	<b>43</b>	<b>71</b>	<b>53</b>	<b>72</b>	<b>89</b>	<b>96</b>	<b>96</b>	<b>93</b>				<b>105</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	1	0	0	1	1	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	1	2	2	1	2	4	8	4	4				3	24%
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	2	5				4	27%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	5	0	2	1	5	3	4	4	1				3	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	1	0	0	0				1	8%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	1	0	0	0	1	0	0	0				1	8%
<b>Total:</b>	<b>6</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>8</b>	<b>10</b>	<b>12</b>	<b>10</b>	<b>10</b>				<b>13</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	34	34	33	36	33	34	34	34	32				34	
Average Issued Red Seconds	2.5	0.8	1.4	2.2	1.0	1.4	1.2	1.1	1.0				1	
Citation / Violation Issuance Rate	28%	15%	0%	17%	48%	48%	51%	48%	47%				38%	
Controllable Issuance Rate	80%	67%	0%	85%	90%	90%	90%	91%	90%				85%	



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

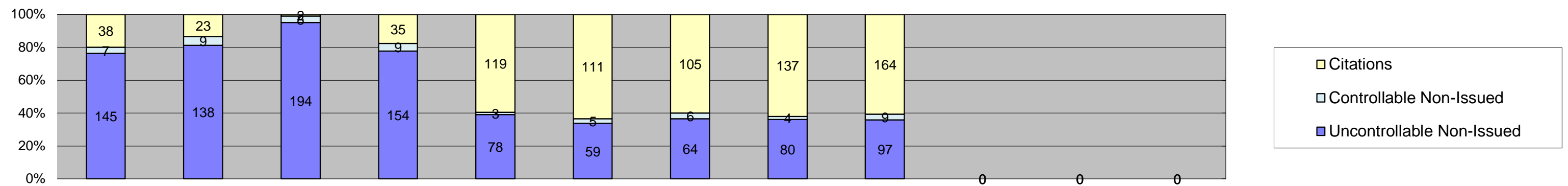


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	146	110	162	163	157	150	182	172	158				156	49%
Violations	148	142	145	135	115	156	189	213	205				161	51%
<b>Total:</b>	<b>294</b>	<b>252</b>	<b>307</b>	<b>298</b>	<b>272</b>	<b>306</b>	<b>371</b>	<b>385</b>	<b>363</b>				<b>316</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	119	116	138	108	31	46	78	85	83				89	53%
Controllable Non-Issued	4	7	7	7	7	3	8	4	6				6	3%
Citations	25	19	0	20	77	107	103	124	116				74	44%
<b>Total:</b>	<b>148</b>	<b>142</b>	<b>145</b>	<b>135</b>	<b>115</b>	<b>156</b>	<b>189</b>	<b>213</b>	<b>205</b>				<b>169</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	2	2	4	0	2	2	6	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	23	8	32	39	29	34	64	49	41				35	22%
Rear Axle Activation	2	3	4	5	5	1	0	0	0				3	2%
Right Turn- No Violation	0	0	0	1	0	0	0	0	0				1	1%
Test Shot	120	97	124	114	123	113	116	117	117				116	73%
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>146</b>	<b>110</b>	<b>162</b>	<b>163</b>	<b>157</b>	<b>150</b>	<b>182</b>	<b>172</b>	<b>158</b>				<b>158</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	1	0				1	1%
Conditions Beyond Control	1	4	4	6	0	0	0	0	0				4	3%
Driver Identity Unclear	0	1	0	0	0	0	0	0	2				2	1%
Driver Obstructed	2	2	1	0	3	2	2	0	0				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	1	0	0	0	1	1	0				1	1%
Glare on Windshield	2	2	1	2	1	0	0	1	3				2	1%
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	86	73	83	58	0	0	0	0	0				75	53%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	23	32	30	27	23	23	37	43	38				31	22%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	1				1	1%
Out of State	1	1	4	6	4	1	7	2	6				4	2%
Plate Obstructed	0	1	3	3	0	1	0	2	1				2	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	11	6	0	19	30	35	32				20	14%
<b>Total:</b>	<b>119</b>	<b>116</b>	<b>138</b>	<b>108</b>	<b>31</b>	<b>46</b>	<b>78</b>	<b>85</b>	<b>83</b>				<b>143</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	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	4	6	6	6	7	2	7	2	3				5	49%
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	1	2	3				2	20%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	1	0	0	1	0	0	0				1	10%
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	1	0	0	0	0	0	0	0				1	10%
<b>Total:</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>3</b>	<b>8</b>	<b>4</b>	<b>6</b>				<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	23	23	24	24	24	23	22	23	22				23	
Average Issued Red Seconds	14.0	11.6	10.2	8.2	10.4	11.6	13.6	12.7	13.8				12	
Citation / Violation Issuance Rate	17%	13%	0%	15%	67%	69%	54%	58%	57%				44%	
Controllable Issuance Rate	86%	73%	0%	74%	92%	97%	93%	97%	95%				88%	





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

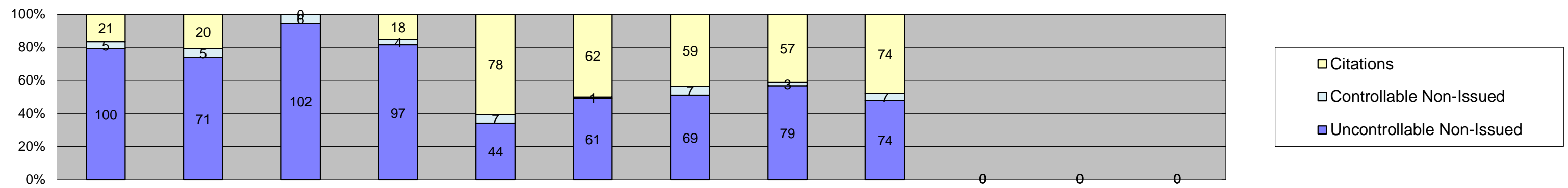


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	141	126	169	141	147	147	153	175	140				149	43%
Violations	190	170	204	198	200	175	175	221	270				200	57%
<b>Total:</b>	<b>331</b>	<b>296</b>	<b>373</b>	<b>339</b>	<b>347</b>	<b>322</b>	<b>328</b>	<b>396</b>	<b>410</b>				<b>349</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	145	138	194	154	78	59	64	80	97				112	56%
Controllable Non-Issued	7	9	8	9	3	5	6	4	9				7	3%
Citations	38	23	2	35	119	111	105	137	164				82	41%
<b>Total:</b>	<b>190</b>	<b>170</b>	<b>204</b>	<b>198</b>	<b>200</b>	<b>175</b>	<b>175</b>	<b>221</b>	<b>270</b>				<b>200</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	1	1	2	2	1	1	2	0				1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	1	0	0	0	0	0	0	0	0				1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	12	15	9	19	16	28	31	36	30				22	14%
Rear Axle Activation	17	11	9	9	11	6	0	1	0				9	6%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	111	99	150	111	118	112	121	136	110				119	78%
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>141</b>	<b>126</b>	<b>169</b>	<b>141</b>	<b>147</b>	<b>147</b>	<b>153</b>	<b>175</b>	<b>140</b>				<b>152</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	1	1	1	0	4	5	4				3	1%
Conditions Beyond Control	2	8	5	4	0	0	0	0	0				5	3%
Driver Identity Unclear	1	0	0	0	1	0	0	0	3				2	1%
Driver Obstructed	0	2	2	0	0	0	0	2	1				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	5	8	0	1	0	0	0	1	0				4	2%
Glare on Windshield	0	4	1	0	2	0	0	1	0				2	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	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	92	79	128	104	0	0	0	0	0				101	55%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	34	29	40	33	64	31	21	31	39				36	19%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	2	0				2	1%
Out of State	4	2	1	3	6	4	5	5	8				4	2%
Plate Obstructed	2	5	6	1	4	0	1	0	1				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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	5	0	10	7	0	24	33	32	41				22	12%
<b>Total:</b>	<b>145</b>	<b>138</b>	<b>194</b>	<b>154</b>	<b>78</b>	<b>59</b>	<b>64</b>	<b>80</b>	<b>97</b>				<b>184</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	2	0	0	0	0	0	0	0				2	14%
Dark Interior	2	1	0	0	0	0	0	0	1				1	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	4	6	8	9	3	5	6	3	0				6	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	0	0	0	0	0	0	1	8				5	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	1	0	0	0	0	0	0	0	0				1	7%
<b>Total:</b>	<b>7</b>	<b>9</b>	<b>8</b>	<b>9</b>	<b>3</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>9</b>				<b>14</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	20	20	19	19	19	19	19	20				19	
Average Issued Red Seconds	2.9	2.1	2.3	2.5	1.9	2.7	3.1	2.1	2.4				2	
Citation / Violation Issuance Rate	20%	14%	1%	18%	60%	63%	60%	62%	61%				40%	
Controllable Issuance Rate	84%	72%	20%	80%	98%	96%	95%	97%	95%				82%	





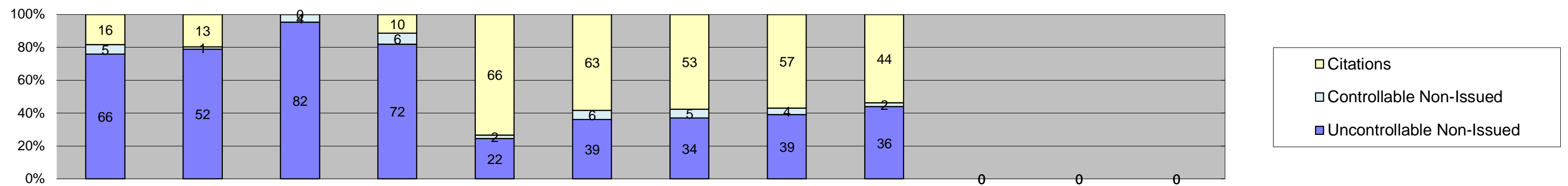
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1361: NB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	162	159	175	174	175	158	173	194	162				170	58%
Violations	126	96	108	119	129	124	135	139	155				126	42%
<b>Total:</b>	<b>288</b>	<b>255</b>	<b>283</b>	<b>293</b>	<b>304</b>	<b>282</b>	<b>308</b>	<b>333</b>	<b>317</b>				<b>296</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	100	71	102	97	44	61	69	79	74				77	59%
Controllable Non-Issued	5	5	6	4	7	1	7	3	7				5	4%
Citations	21	20	0	18	78	62	59	57	74				49	37%
<b>Total:</b>	<b>126</b>	<b>96</b>	<b>108</b>	<b>119</b>	<b>129</b>	<b>124</b>	<b>135</b>	<b>139</b>	<b>155</b>				<b>131</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	7	4	8	8	6	5	5	10	7				7	4%
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	28	44	44	49	39	37	39	53	41				42	24%
Rear Axle Activation	0	1	1	1	2	2	0	0	0				1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	127	110	122	116	128	114	129	131	114				121	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	0	0	0	0	0	0	0	0	0				0	0%
<b>Total:</b>	<b>162</b>	<b>159</b>	<b>175</b>	<b>174</b>	<b>175</b>	<b>158</b>	<b>173</b>	<b>194</b>	<b>162</b>				<b>171</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	1	1	1	3	0	0	1	2	2				2	1%
Conditions Beyond Control	0	3	4	4	0	0	0	0	0				4	3%
Driver Identity Unclear	0	0	0	0	0	2	2	3	7				4	3%
Driver Obstructed	0	1	2	1	4	1	1	2	3				2	2%
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	1%
Glare on Windshield	2	4	1	6	8	5	8	4	8				5	4%
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	66	38	63	48	0	0	0	0	0				54	46%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	24	16	22	28	29	28	24	40	31				27	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	1				1	1%
Out of State	3	6	1	4	1	2	4	4	5				3	3%
Plate Obstructed	0	2	1	2	2	1	2	1	0				2	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	7	1	0	22	27	22	17				14	12%
<b>Total:</b>	<b>100</b>	<b>71</b>	<b>102</b>	<b>97</b>	<b>44</b>	<b>61</b>	<b>69</b>	<b>79</b>	<b>74</b>				<b>118</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	1	1	2	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	3	4	5	3	3	1	4	2	0				3	32%
Emergency Vehicle Issue	0	0	0	0	2	0	0	0	0				2	20%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	3	1	6				3	34%
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>5</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>7</b>	<b>1</b>	<b>7</b>	<b>3</b>	<b>7</b>				<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	29	29	29	30	30	28	30	29	30				29	
Average Issued Red Seconds	5.8	5.9	6.5	5.0	6.1	5.4	5.2	7.2	6.2				6	
Citation / Violation Issuance Rate	17%	21%	0%	15%	60%	50%	44%	41%	48%				37%	
Controllable Issuance Rate	81%	80%	0%	82%	92%	98%	89%	95%	91%				89%	



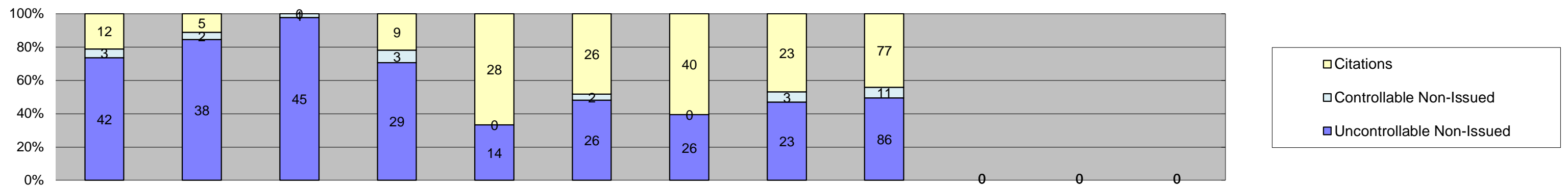
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1362: SB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	136	119	135	137	133	142	135	135	152				136	61%
Violations	87	66	86	88	90	108	92	100	82				89	39%
<b>Total:</b>	<b>223</b>	<b>185</b>	<b>221</b>	<b>225</b>	<b>223</b>	<b>250</b>	<b>227</b>	<b>235</b>	<b>234</b>				<b>225</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	66	52	82	72	22	39	34	39	36				49	53%
Controllable Non-Issued	5	1	4	6	2	6	5	4	2				4	4%
Citations	16	13	0	10	66	63	53	57	44				40	43%
<b>Total:</b>	<b>87</b>	<b>66</b>	<b>86</b>	<b>88</b>	<b>90</b>	<b>108</b>	<b>92</b>	<b>100</b>	<b>82</b>				<b>93</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	1	1	0	1	4	2	0	4				2	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	7	8	11	18	14	21	14	12	36				16	11%
Rear Axle Activation	0	0	2	0	0	2	0	0	0				2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	127	110	121	119	118	115	119	123	112				118	86%
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>136</b>	<b>119</b>	<b>135</b>	<b>137</b>	<b>133</b>	<b>142</b>	<b>135</b>	<b>135</b>	<b>152</b>				<b>138</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	1	0	0	0	0	0	1	0	1				1	1%
Conditions Beyond Control	2	0	4	2	0	0	0	0	0				3	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0				1	1%
Driver Obstructed	0	0	0	0	0	1	0	0	0				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	0	0	0	0	1	0	0				1	1%
Glare on Windshield	0	0	1	1	4	1	1	0	0				2	2%
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	47	39	51	46	0	0	0	0	0				46	55%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	13	11	13	16	15	18	15	21	19				16	19%
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	1	0	4	1	2	3	1	3	3				2	3%
Plate Obstructed	1	1	2	2	1	0	0	0	0				1	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	1	0	7	4	0	16	15	14	13				10	12%
<b>Total:</b>	<b>66</b>	<b>52</b>	<b>82</b>	<b>72</b>	<b>22</b>	<b>39</b>	<b>34</b>	<b>39</b>	<b>36</b>				<b>83</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	0				1	15%
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	4	3	2	6	5	1	1				3	46%
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	0	0	2	0	0	0	2	1				2	23%
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	15%
<b>Total:</b>	<b>5</b>	<b>1</b>	<b>4</b>	<b>6</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>2</b>				<b>7</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	29	29	28	28	29	30	29	29	29				29	
Average Issued Red Seconds	1.7	1.8	2.0	1.8	1.5	1.6	1.7	1.5	2.4				2	
Citation / Violation Issuance Rate	18%	20%	0%	11%	73%	58%	58%	57%	54%				44%	
Controllable Issuance Rate	76%	93%	0%	63%	97%	91%	91%	93%	96%				88%	



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

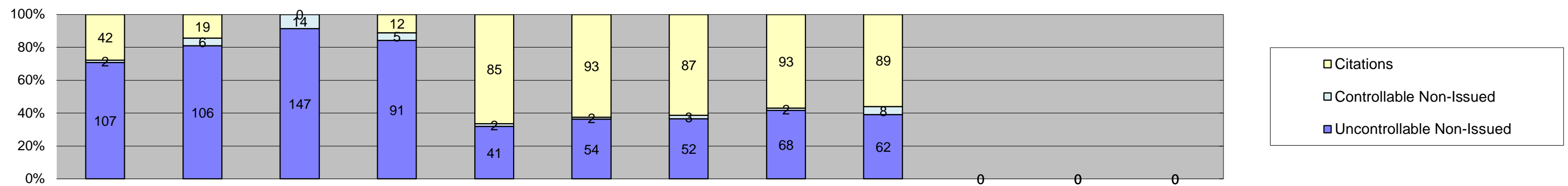


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	125	110	126	179	128	148	127	134	142				135	69%
Violations	57	45	46	9	42	54	66	49	174				60	31%
<b>Total:</b>	<b>182</b>	<b>155</b>	<b>172</b>	<b>188</b>	<b>170</b>	<b>202</b>	<b>193</b>	<b>183</b>	<b>316</b>				<b>196</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	42	38	45	29	14	26	26	23	86				37	54%
Controllable Non-Issued	3	2	1	3	0	2	0	3	11				4	5%
Citations	12	5	0	9	28	26	40	23	77				28	41%
<b>Total:</b>	<b>57</b>	<b>45</b>	<b>46</b>	<b>41</b>	<b>42</b>	<b>54</b>	<b>66</b>	<b>49</b>	<b>174</b>				<b>68</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	2	1	2	2	3	2	1	4				2	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	1	1	6	52	7	8	7	9	20				12	9%
Rear Axle Activation	0	0	0	1	2	1	0	0	0				1	1%
Right Turn- No Violation	0	0	1	0	0	0	0	0	0				1	1%
Test Shot	120	107	118	124	117	136	118	124	118				120	88%
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>125</b>	<b>110</b>	<b>126</b>	<b>179</b>	<b>128</b>	<b>148</b>	<b>127</b>	<b>134</b>	<b>142</b>				<b>137</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	2	1	0	0	0	2	2	1	1				2	2%
Conditions Beyond Control	0	0	1	2	0	0	0	0	0				2	2%
Driver Identity Unclear	0	0	0	0	0	0	1	0	2				2	2%
Driver Obstructed	1	0	0	1	0	1	0	1	2				1	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	2	0	0				2	3%
Glare on Windshield	3	3	3	2	10	5	6	3	14				5	9%
Illegible Plate	0	0	0	0	0	0	0	1	0				1	2%
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	2%
Issuance Criteria Not Met- PD	22	26	29	19	0	0	0	0	0				24	39%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	8	8	9	3	3	11	9	9	37				11	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	2				2	2%
Out of State	0	0	0	0	0	1	0	2	1				1	2%
Plate Obstructed	2	0	1	1	0	0	1	1	3				2	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	2	0	0	6	5	5	24				8	12%
<b>Total:</b>	<b>42</b>	<b>38</b>	<b>45</b>	<b>29</b>	<b>14</b>	<b>26</b>	<b>26</b>	<b>23</b>	<b>86</b>				<b>62</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	0	0	0	0	0	0	0	0				1	10%
Data Entry Error	1	2	1	3	0	0	0	1	3				2	18%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	2				2	19%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	1	0	0	0	0	0	0	1	4				2	19%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	1	0	0	2				2	15%
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	1	0				1	10%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0				1	10%
<b>Total:</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>3</b>	<b>11</b>				<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	16	17	16	18	17	17	16	17				17	
Average Issued Red Seconds	5.8	7.9	4.9	6.4	6.7	8.1	7.5	6.2	8.4				7	
Citation / Violation Issuance Rate	21%	11%	0%	22%	67%	48%	61%	47%	44%				40%	
Controllable Issuance Rate	80%	71%	0%	75%	100%	93%	100%	88%	88%				87%	





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

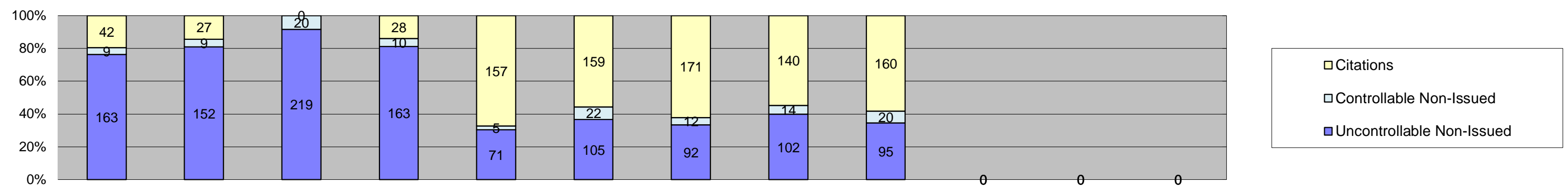


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	182	173	178	169	182	243	224	230	242				203	59%
Violations	151	131	161	108	128	149	142	163	159				144	41%
<b>Total:</b>	<b>333</b>	<b>304</b>	<b>339</b>	<b>277</b>	<b>310</b>	<b>392</b>	<b>366</b>	<b>393</b>	<b>401</b>				<b>346</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	107	106	147	91	41	54	52	68	62				81	54%
Controllable Non-Issued	2	6	14	5	2	2	3	2	8				5	3%
Citations	42	19	0	12	85	93	87	93	89				65	43%
<b>Total:</b>	<b>151</b>	<b>131</b>	<b>161</b>	<b>108</b>	<b>128</b>	<b>149</b>	<b>142</b>	<b>163</b>	<b>159</b>				<b>151</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	7	2	1	3	5	4	2	3				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	54	59	56	53	62	120	104	106	117				81	40%
Rear Axle Activation	0	2	1	0	1	3	0	0	0				2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	1				1	0%
Test Shot	124	105	119	115	116	115	116	122	121				117	57%
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>182</b>	<b>173</b>	<b>178</b>	<b>169</b>	<b>182</b>	<b>243</b>	<b>224</b>	<b>230</b>	<b>242</b>				<b>204</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	3	1	0				2	1%
Conditions Beyond Control	5	3	7	4	0	0	0	0	0				5	4%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1				1	1%
Driver Obstructed	0	1	0	0	3	0	1	3	2				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	6	6	1	1	1	0	0	0	0				3	2%
Glare on Windshield	0	0	0	1	0	0	0	0	0				1	1%
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	67	69	98	50	0	0	0	0	0				71	53%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	20	24	29	22	32	34	31	32	36				29	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	0	0				0	0%
Out of State	2	2	2	1	3	2	3	5	2				2	2%
Plate Obstructed	1	1	0	3	2	2	0	2	1				2	1%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	3	0	0	0	0	0				3	2%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	6	0	10	6	0	16	14	25	20				14	10%
<b>Total:</b>	<b>107</b>	<b>106</b>	<b>147</b>	<b>91</b>	<b>41</b>	<b>54</b>	<b>52</b>	<b>68</b>	<b>62</b>				<b>135</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	6	2	5	2	2	3	1	3				3	28%
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	12	0	0	0	0	1	5				6	61%
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	1	0	0	0	0	0	0	0	0				1	10%
<b>Total:</b>	<b>2</b>	<b>6</b>	<b>14</b>	<b>5</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>8</b>				<b>10</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	33	34	33	35	37	35	35	38	35				35	
Average Issued Red Seconds	2.0	1.3	10.3	2.2	1.1	1.6	1.3	1.0	1.2				2	
Citation / Violation Issuance Rate	28%	15%	0%	11%	66%	62%	61%	57%	56%				45%	
Controllable Issuance Rate	95%	76%	0%	71%	98%	98%	97%	98%	92%				90%	





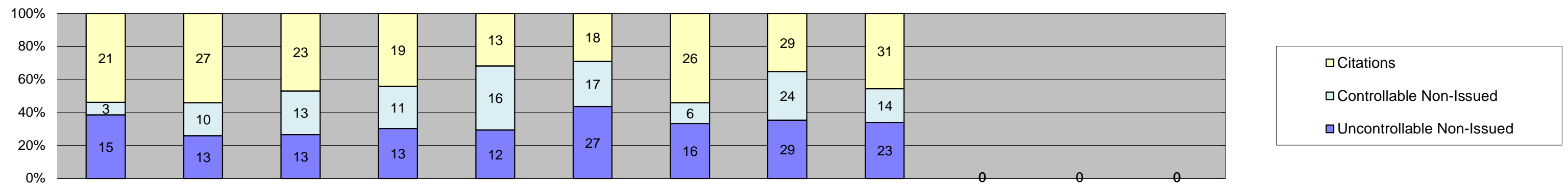
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1382 SB Lindley Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	182	143	203	175	189	183	181	183	172				179	43%
Violations	214	188	239	201	233	286	275	256	275				241	57%
<b>Total:</b>	<b>396</b>	<b>331</b>	<b>442</b>	<b>376</b>	<b>422</b>	<b>469</b>	<b>456</b>	<b>439</b>	<b>447</b>				<b>420</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	163	152	219	163	71	105	92	102	95				129	51%
Controllable Non-Issued	9	9	20	10	5	22	12	14	20				13	5%
Citations	42	27	0	28	157	159	171	140	160				111	44%
<b>Total:</b>	<b>214</b>	<b>188</b>	<b>239</b>	<b>201</b>	<b>233</b>	<b>286</b>	<b>275</b>	<b>256</b>	<b>275</b>				<b>253</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	1	6	2	7	7	7	2	5				4	2%
Emergency Vehicle PD	0	0	1	0	0	0	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	58	39	78	59	63	60	56	65	57				59	33%
Rear Axle Activation	0	0	0	0	0	1	0	0	0				1	1%
Right Turn- No Violation	1	1	0	0	1	2	0	0	0				1	1%
Test Shot	120	102	118	114	118	113	118	116	110				114	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>182</b>	<b>143</b>	<b>203</b>	<b>175</b>	<b>189</b>	<b>183</b>	<b>181</b>	<b>183</b>	<b>172</b>				<b>181</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	1	3	5	2	1	3	1	5	4				3	1%
Conditions Beyond Control	3	6	8	6	0	0	0	0	0				6	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	3				2	1%
Driver Obstructed	1	0	1	0	5	2	1	1	0				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	26	20	7	2	1	1	3	4	4				8	4%
Glare on Windshield	0	0	0	0	0	2	1	0	0				2	1%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0				1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	91	74	140	100	0	0	0	0	0				101	51%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	29	39	39	41	52	54	56	50	54				46	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	3	4	5	4	6	7	2	4	2				4	2%
Plate Obstructed	4	5	3	3	6	4	2	3	1				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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	5	0	11	5	0	32	26	34	27				20	10%
<b>Total:</b>	<b>163</b>	<b>152</b>	<b>219</b>	<b>163</b>	<b>71</b>	<b>105</b>	<b>92</b>	<b>102</b>	<b>95</b>				<b>197</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	3	1	2	1	3	0	1				2	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	6	7	15	7	3	16	4	8	5				8	39%
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	2	12				7	34%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	1	2	2	2	0	5	5	4	2				3	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	1	0	0	0	0	0	0	0	0				1	5%
<b>Total:</b>	<b>9</b>	<b>9</b>	<b>20</b>	<b>10</b>	<b>5</b>	<b>22</b>	<b>12</b>	<b>14</b>	<b>20</b>				<b>20</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	33	34	32	34	32	33	33	32	33				33	
Average Issued Red Seconds	1.5	1.0	1.6	1.9	1.8	2.0	1.0	2.0	1.3				2	
Citation / Violation Issuance Rate	20%	14%	0%	14%	67%	56%	62%	55%	58%				43%	
Controllable Issuance Rate	82%	75%	0%	74%	97%	88%	93%	91%	89%				86%	



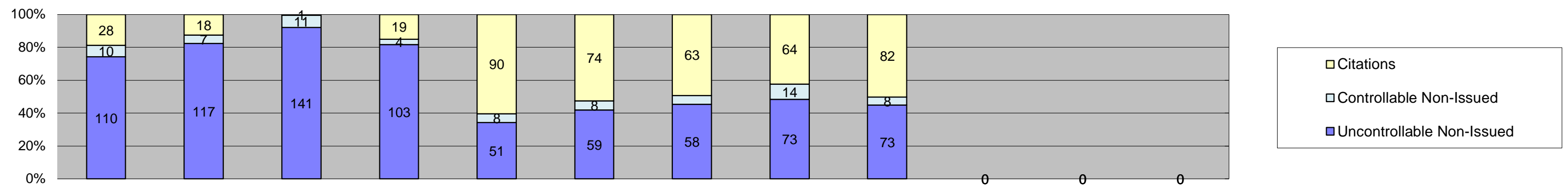
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1385: WB to NB Lindley Ave @ Oxnard St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	351	277	333	350	379	452	284	440	532				378	88%
Violations	39	50	49	43	41	62	48	82	68				54	12%
<b>Total:</b>	<b>390</b>	<b>327</b>	<b>382</b>	<b>393</b>	<b>420</b>	<b>514</b>	<b>332</b>	<b>522</b>	<b>600</b>				<b>431</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	15	13	13	13	12	27	16	29	23				18	33%
Controllable Non-Issued	3	10	13	11	16	17	6	24	14				13	24%
Citations	21	27	23	19	13	18	26	29	31				23	43%
<b>Total:</b>	<b>39</b>	<b>50</b>	<b>49</b>	<b>43</b>	<b>41</b>	<b>62</b>	<b>48</b>	<b>82</b>	<b>68</b>				<b>54</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	0	0	1	0	0	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	254	194	249	272	286	358	196	359	440				290	76%
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	97	83	83	78	93	93	88	81	92				88	23%
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>351</b>	<b>277</b>	<b>333</b>	<b>350</b>	<b>379</b>	<b>452</b>	<b>284</b>	<b>440</b>	<b>532</b>				<b>379</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	1				1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	2	1	0	0	0	1	1	1				1	4%
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	1	0	1	1	1	0				1	4%
Glare on Windshield	0	0	1	0	3	1	1	0	2				2	6%
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	1	0	0	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	10	6	10	12	8	21	9	14	9				11	42%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	1	0	0	0	0	1	0	2				2	6%
Out of State	0	2	0	0	1	2	0	2	0				2	7%
Plate Obstructed	0	1	0	0	0	0	0	1	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 Expired	0	0	0	0	0	0	0	1	0				1	4%
TSB No Hit	2	0	1	0	0	2	3	9	7				4	15%
<b>Total:</b>	<b>15</b>	<b>13</b>	<b>13</b>	<b>13</b>	<b>12</b>	<b>27</b>	<b>16</b>	<b>29</b>	<b>23</b>				<b>26</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	3	10	12	11	16	17	6	24	13				12	93%
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	1	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	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>3</b>	<b>10</b>	<b>13</b>	<b>11</b>	<b>16</b>	<b>17</b>	<b>6</b>	<b>24</b>	<b>14</b>				<b>13</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	14	14	15	15	14	13	14	15	15				14	
Average Issued Red Seconds	68.4	48.6	43.0	67.3	47.6	70.7	41.0	43.2	35.5				52	
Citation / Violation Issuance Rate	54%	54%	47%	44%	32%	29%	54%	35%	46%				44%	
Controllable Issuance Rate	88%	73%	64%	63%	45%	51%	81%	55%	69%				65%	



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

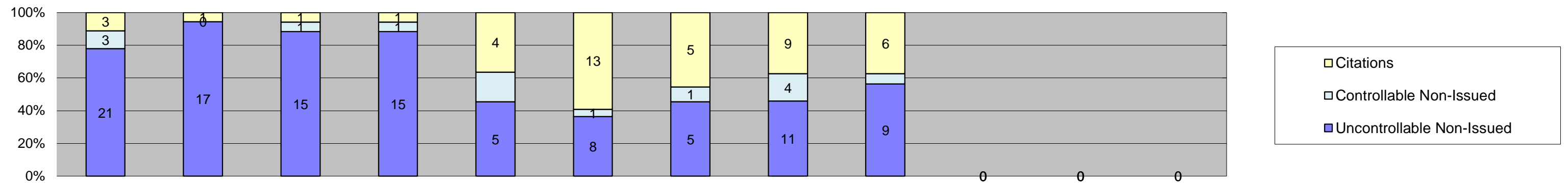


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	187	140	181	156	159	145	169	171	155				163	53%
Violations	148	142	153	126	149	141	128	151	163				145	47%
<b>Total:</b>	<b>335</b>	<b>282</b>	<b>334</b>	<b>282</b>	<b>308</b>	<b>286</b>	<b>297</b>	<b>322</b>	<b>318</b>				<b>307</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	110	117	141	103	51	59	58	73	73				87	60%
Controllable Non-Issued	10	7	11	4	8	8	7	14	8				9	6%
Citations	28	18	1	19	90	74	63	64	82				49	34%
<b>Total:</b>	<b>148</b>	<b>142</b>	<b>153</b>	<b>126</b>	<b>149</b>	<b>141</b>	<b>128</b>	<b>151</b>	<b>163</b>				<b>145</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	5	5	5	8	4	6	3	4				5	3%
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	26	20	43	27	26	16	26	44	32				29	18%
Rear Axle Activation	1	3	4	1	2	3	0	0	0				2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	1	0				1	1%
Test Shot	156	112	129	123	123	122	137	123	119				127	77%
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>187</b>	<b>140</b>	<b>181</b>	<b>156</b>	<b>159</b>	<b>145</b>	<b>169</b>	<b>171</b>	<b>155</b>				<b>164</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	1	0	1	5	2	3	1	7	5				3	2%
Conditions Beyond Control	1	3	1	2	0	0	0	0	0				2	1%
Driver Identity Unclear	0	0	0	0	0	1	2	2	9				4	3%
Driver Obstructed	1	3	0	2	0	0	0	1	3				2	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	1	0	0	0	0	0	0	0				1	1%
Glare on Windshield	4	7	6	5	12	7	9	6	12				8	6%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	1	0	0	0	0	0	0				1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	67	64	90	61	0	0	0	0	0				71	52%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	20	35	31	22	31	22	21	29	20				26	19%
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	1				1	1%
Out of State	4	2	3	1	2	1	2	1	1				2	1%
Plate Obstructed	8	2	0	4	3	1	3	2	2				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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	3	0	8	1	0	24	20	25	20				14	11%
<b>Total:</b>	<b>110</b>	<b>117</b>	<b>141</b>	<b>103</b>	<b>51</b>	<b>59</b>	<b>58</b>	<b>73</b>	<b>73</b>				<b>137</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	7	2	0	3	0				3	15%
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	6	7	0	0	5	2	11	0				6	31%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	2				2	10%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	1	0	0	0	0	0	4	0	4				3	15%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	2	1	1	3	1	1	1	0	1				1	7%
Framing of Driver	0	0	1	0	0	0	0	0	0				1	5%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	1				1	5%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	2	0	0	0	0	0	0	0	0				2	10%
<b>Total:</b>	<b>10</b>	<b>7</b>	<b>11</b>	<b>4</b>	<b>8</b>	<b>8</b>	<b>7</b>	<b>14</b>	<b>8</b>				<b>19</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	19	19	19	19	18	19	19	19				19	
Average Issued Red Seconds	3.5	4.3	3.3	3.3	3.0	3.4	4.2	2.5	4.0				4	
Citation / Violation Issuance Rate	19%	13%	1%	15%	60%	52%	49%	42%	50%				34%	
Controllable Issuance Rate	74%	72%	8%	83%	92%	90%	90%	82%	91%				76%	





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

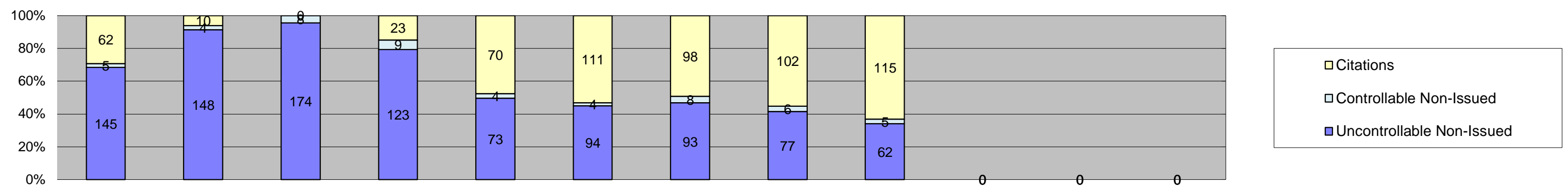


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	135	117	141	127	131	131	137	138	134				132	88%
Violations	27	18	17	17	11	22	11	24	16				18	12%
<b>Total:</b>	<b>162</b>	<b>135</b>	<b>158</b>	<b>144</b>	<b>142</b>	<b>153</b>	<b>148</b>	<b>162</b>	<b>150</b>				<b>150</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	21	17	15	15	5	8	5	11	9				12	64%
Controllable Non-Issued	3	0	1	1	2	1	1	4	1				2	10%
Citations	3	1	1	1	4	13	5	9	6				5	26%
<b>Total:</b>	<b>27</b>	<b>18</b>	<b>17</b>	<b>17</b>	<b>11</b>	<b>22</b>	<b>11</b>	<b>24</b>	<b>16</b>				<b>18</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	2	0	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	4	1	6	1	0	5	2	5	4				4	3%
Rear Axle Activation	0	1	0	1	1	0	0	0	0				1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	129	115	135	125	130	126	133	133	130				128	95%
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>117</b>	<b>141</b>	<b>127</b>	<b>131</b>	<b>131</b>	<b>137</b>	<b>138</b>	<b>134</b>				<b>135</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	3	1	0	1	2	1	3	2	1				2	6%
Conditions Beyond Control	0	0	0	1	0	0	0	0	0				1	4%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0				1	4%
Driver Obstructed	0	0	0	1	0	0	0	0	1				1	4%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	4	3	0	0	0	0	0	0	0				4	13%
Glare on Windshield	0	0	0	1	0	0	0	0	0				1	4%
Illegible Plate	0	0	0	0	0	0	0	0	1				1	4%
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	12	7	9	7	0	0	0	0	0				9	32%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	2	6	4	3	3	2	0	6	5				4	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	1	0	0	0	0	0				1	4%
Plate Obstructed	0	0	0	0	0	1	0	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	2	0	0	4	2	2	1				2	8%
<b>Total:</b>	<b>21</b>	<b>17</b>	<b>15</b>	<b>15</b>	<b>5</b>	<b>8</b>	<b>5</b>	<b>11</b>	<b>9</b>				<b>27</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	1	0	1	0				1	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	1	0	0	1	1	0	1	3	1				1	40%
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	0	1	0	0	0	0	0	0				1	30%
<b>Total:</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>				<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	17	18	18	19	17	17	17	18				18	
Average Issued Red Seconds	14.9	16.2	12.3	16.5	21.6	16.3	17.8	18.4	16.3				17	
Citation / Violation Issuance Rate	11%	6%	6%	6%	36%	59%	45%	38%	38%				27%	
Controllable Issuance Rate	50%	100%	50%	50%	67%	93%	83%	69%	86%				72%	





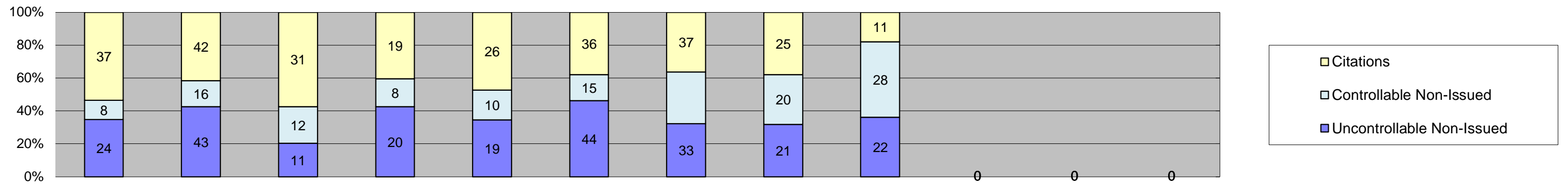
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1402: SB Mason Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	165	160	159	156	166	156	135	158	193				161	47%
Violations	212	162	182	155	147	209	199	185	182				181	53%
<b>Total:</b>	<b>377</b>	<b>322</b>	<b>341</b>	<b>311</b>	<b>313</b>	<b>365</b>	<b>334</b>	<b>343</b>	<b>375</b>				<b>342</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	145	148	174	123	73	94	93	77	62				110	58%
Controllable Non-Issued	5	4	8	9	4	4	8	6	5				6	3%
Citations	62	10	0	23	70	111	98	102	115				74	39%
<b>Total:</b>	<b>212</b>	<b>162</b>	<b>182</b>	<b>155</b>	<b>147</b>	<b>209</b>	<b>199</b>	<b>185</b>	<b>182</b>				<b>190</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	3	1	2	1	2	1	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	44	46	37	48	48	35	26	30	59				41	26%
Rear Axle Activation	2	6	5	4	5	2	0	0	0				4	2%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	118	105	116	102	112	117	108	127	133				115	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	0	0	0	0	0	0	0	0	0				0	0%
<b>Total:</b>	<b>165</b>	<b>160</b>	<b>159</b>	<b>156</b>	<b>166</b>	<b>156</b>	<b>135</b>	<b>158</b>	<b>193</b>				<b>162</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	1	0	0	0	0	0	0	0				1	1%
Conditions Beyond Control	6	4	7	4	0	0	0	0	0				5	3%
Driver Identity Unclear	0	0	0	1	1	3	2	4	0				2	1%
Driver Obstructed	1	1	3	0	3	2	2	2	1				2	1%
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	2	4	13	8	23	21	14	5	0				11	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%
Issuance Criteria Not Met- PD	92	99	101	70	0	0	0	0	0				91	53%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	32	38	39	31	42	48	51	44	28				39	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	1	0	2				2	1%
Out of State	5	1	2	4	4	1	2	3	5				3	2%
Plate Obstructed	0	0	0	1	0	1	0	0	3				2	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	7	0	9	4	0	18	21	19	23				14	8%
<b>Total:</b>	<b>145</b>	<b>148</b>	<b>174</b>	<b>123</b>	<b>73</b>	<b>94</b>	<b>93</b>	<b>77</b>	<b>62</b>				<b>172</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	5	2	7	8	3	3	7	4	0				5	58%
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	1	1	5				2	28%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	2	1	1	1	1	0	1	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	0	0	0	0	0	0	0				0	0%
<b>Total:</b>	<b>5</b>	<b>4</b>	<b>8</b>	<b>9</b>	<b>4</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>5</b>				<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	20	20	20	20	19	19	19	20	20				20	
Average Issued Red Seconds	48.6	41.2	41.2	35.4	63.3	32.4	37.7	36.7	42.2				42	
Citation / Violation Issuance Rate	29%	6%	0%	15%	48%	53%	49%	55%	63%				40%	
Controllable Issuance Rate	93%	71%	0%	72%	95%	97%	92%	94%	96%				89%	



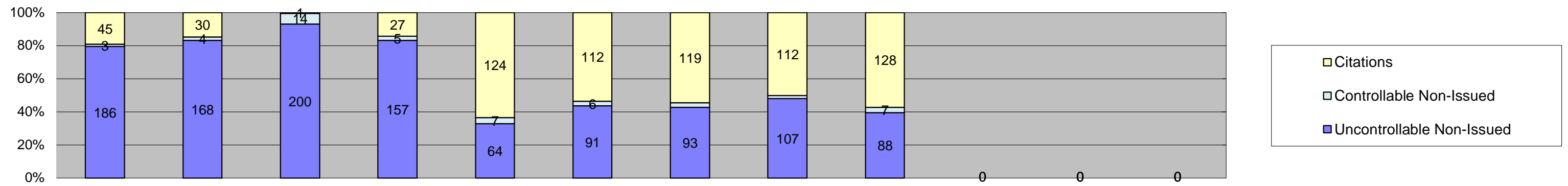
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1405: WB to NB Mason Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	541	617	539	556	512	860	998	953	948				725	91%
Violations	69	101	54	47	55	95	102	66	61				72	9%
<b>Total:</b>	<b>610</b>	<b>718</b>	<b>593</b>	<b>603</b>	<b>567</b>	<b>955</b>	<b>1,100</b>	<b>1,019</b>	<b>1,009</b>				<b>797</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	24	43	11	20	19	44	33	21	22				26	36%
Controllable Non-Issued	8	16	12	8	10	15	32	20	28				17	23%
Citations	37	42	31	19	26	36	37	25	11				29	41%
<b>Total:</b>	<b>69</b>	<b>101</b>	<b>54</b>	<b>47</b>	<b>55</b>	<b>95</b>	<b>102</b>	<b>66</b>	<b>61</b>				<b>72</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	1	0	0	1	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	419	509	412	436	385	738	871	826	824				602	83%
Rear Axle Activation	0	0	0	1	0	0	0	0	0				1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	122	107	127	119	126	122	127	126	124				122	17%
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>541</b>	<b>617</b>	<b>539</b>	<b>556</b>	<b>512</b>	<b>860</b>	<b>998</b>	<b>953</b>	<b>948</b>				<b>726</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	2	0	0	0	1	0	1	0				1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	5	6	1	0	0	0	0	1	4				3	9%
Driver Obstructed	0	0	1	0	0	2	1	1	1				1	3%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	1	0	0				1	3%
Glare on Windshield	1	4	2	0	0	8	3	2	2				3	8%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	1	1	0	0	0	0	0	0	0				1	3%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	1	0	0	0	0	0	0	0				1	3%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	12	25	6	18	17	23	17	9	4				15	39%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	1	0	0	0	0	0				1	3%
Out of State	2	3	0	0	2	1	2	0	4				2	6%
Plate Obstructed	2	0	0	0	0	1	0	0	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 Expired	0	0	0	0	0	0	0	2	2				2	5%
TSB No Hit	1	0	1	1	0	8	9	5	4				4	11%
<b>Total:</b>	<b>24</b>	<b>43</b>	<b>11</b>	<b>20</b>	<b>19</b>	<b>44</b>	<b>33</b>	<b>21</b>	<b>22</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	1	0	0	0	0	1	0				1	5%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	1	0	0	0	0	0	0	0				1	5%
Data Entry Error	7	14	11	8	10	14	30	19	26				15	73%
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	2	0	2				2	8%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	1	0	0	0	0	0	0	0	0				1	5%
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	1	0	0	0				1	5%
<b>Total:</b>	<b>8</b>	<b>16</b>	<b>12</b>	<b>8</b>	<b>10</b>	<b>15</b>	<b>32</b>	<b>20</b>	<b>28</b>				<b>21</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	17	16	15	17	16	17	17	16				16	
Average Issued Red Seconds	13.1	12.9	9.6	10.4	9.6	12.9	13.0	16.3	14.1				12	
Citation / Violation Issuance Rate	54%	42%	57%	40%	47%	38%	36%	38%	18%				41%	
Controllable Issuance Rate	82%	72%	72%	70%	72%	71%	54%	56%	28%				64%	



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

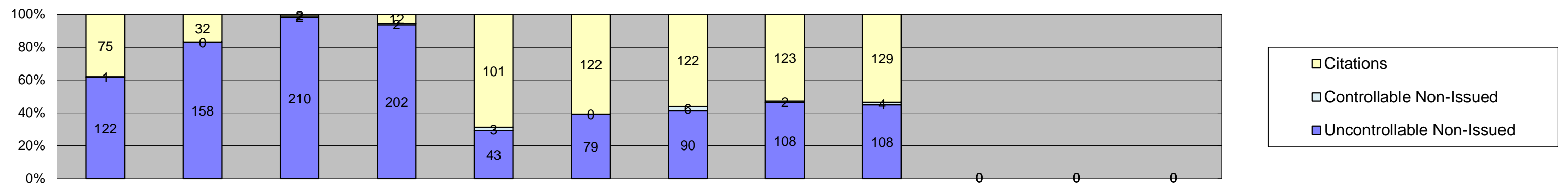


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	153	170	186	185	173	171	192	173				177	45%
Violations	234	202	215	189	195	209	218	223	223				212	55%
<b>Total:</b>	<b>420</b>	<b>355</b>	<b>385</b>	<b>375</b>	<b>380</b>	<b>382</b>	<b>389</b>	<b>415</b>	<b>396</b>				<b>389</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	186	168	200	157	64	91	93	107	88				128	60%
Controllable Non-Issued	3	4	14	5	7	6	6	4	7				6	3%
Citations	45	30	1	27	124	112	119	112	128				78	37%
<b>Total:</b>	<b>234</b>	<b>202</b>	<b>215</b>	<b>189</b>	<b>195</b>	<b>209</b>	<b>218</b>	<b>223</b>	<b>223</b>				<b>212</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	17	12	16	14	16	12	19	17	15				15	9%
Emergency Vehicle PD	0	0	0	0	0	0	1	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	46	33	31	53	36	35	27	45	38				38	21%
Rear Axle Activation	3	4	8	3	5	6	1	0	0				4	2%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	120	104	115	116	128	120	123	130	120				120	67%
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>186</b>	<b>153</b>	<b>170</b>	<b>186</b>	<b>185</b>	<b>173</b>	<b>171</b>	<b>192</b>	<b>173</b>				<b>178</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	3	0	0	2	1	4	4	2				3	1%
Conditions Beyond Control	2	2	10	6	0	0	0	0	0				5	2%
Driver Identity Unclear	0	0	0	0	0	0	1	0	2				2	1%
Driver Obstructed	2	4	0	2	4	6	1	3	2				3	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	2	2	0	0	0	0	0	1	0				2	1%
Glare on Windshield	1	0	0	0	0	0	0	2	0				2	1%
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	112	118	130	97	0	0	0	0	0				114	56%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	52	34	40	40	53	45	51	47	54				46	23%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	1	0	0	1	1	1	0	3				1	1%
Out of State	6	1	4	5	2	6	8	7	5				5	2%
Plate Obstructed	1	3	2	0	2	2	1	1	1				2	1%
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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	8	0	14	7	0	30	26	42	19				21	10%
<b>Total:</b>	<b>186</b>	<b>168</b>	<b>200</b>	<b>157</b>	<b>64</b>	<b>91</b>	<b>93</b>	<b>107</b>	<b>88</b>				<b>205</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	0	1	0	0	1	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	3	2	7	4	6	5	4	3	1				4	32%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1				1	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	7	0	0	0	0	0	3				5	41%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	1	0	0	1	1	1	1	2				1	10%
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>3</b>	<b>4</b>	<b>14</b>	<b>5</b>	<b>7</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>7</b>				<b>12</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	28	28	29	30	29	28	30	30	29				29	
Average Issued Red Seconds	4.9	4.1	4.1	1.8	4.0	7.0	4.3	4.5	3.1				4	
Citation / Violation Issuance Rate	19%	15%	0%	14%	64%	54%	55%	50%	57%				36%	
Controllable Issuance Rate	94%	88%	7%	84%	95%	95%	95%	97%	95%				83%	





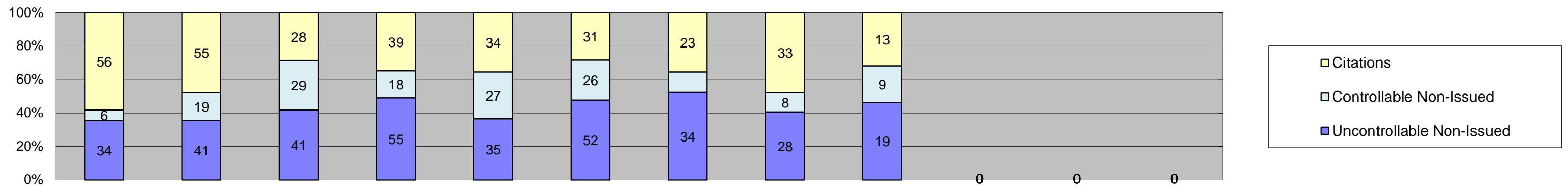
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1414: WB Van Owen St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	207	139	175	174	181	177	187	159	183					176	46%
Violations	198	190	214	216	147	201	218	233	241					206	54%
<b>Total:</b>	<b>405</b>	<b>329</b>	<b>389</b>	<b>390</b>	<b>328</b>	<b>378</b>	<b>405</b>	<b>392</b>	<b>424</b>					<b>382</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	122	158	210	202	43	79	90	108	108					124	60%
Controllable Non-Issued	1	0	2	2	3	0	6	2	4					3	1%
Citations	75	32	2	12	101	122	122	123	129					80	39%
<b>Total:</b>	<b>198</b>	<b>190</b>	<b>214</b>	<b>216</b>	<b>147</b>	<b>201</b>	<b>218</b>	<b>233</b>	<b>241</b>					<b>207</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	22	17	26	20	25	20	17	10	21					20	11%
Emergency Vehicle PD	0	0	0	0	0	0	3	0	0					3	2%
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	128	73	87	86	99	100	105	86	100					96	54%
Rear Axle Activation	0	1	0	0	0	0	0	0	0					1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	57	48	62	68	57	57	62	63	62					60	33%
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>207</b>	<b>139</b>	<b>175</b>	<b>174</b>	<b>181</b>	<b>177</b>	<b>187</b>	<b>159</b>	<b>183</b>					<b>179</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	1	3	2	7	0	1	1	0	3					3	1%
Conditions Beyond Control	0	2	2	11	0	0	0	0	0					5	2%
Driver Identity Unclear	0	0	0	1	0	3	1	2	4					2	1%
Driver Obstructed	2	1	4	2	0	3	1	4	0					2	1%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	1	0	0	0	1	0	0	0	1					1	0%
Glare on Windshield	0	0	6	9	6	8	6	10	22					10	5%
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	83	116	144	134	0	0	0	0	0					119	58%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	18	29	28	24	25	9	46	33	23					26	13%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0	0	0					1	0%
Out of State	9	6	8	7	11	12	6	11	12					9	4%
Plate Obstructed	2	1	0	0	0	0	0	0	0					2	1%
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 Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	5	0	16	7	0	43	29	48	43					27	13%
<b>Total:</b>	<b>122</b>	<b>158</b>	<b>210</b>	<b>202</b>	<b>43</b>	<b>79</b>	<b>90</b>	<b>108</b>	<b>108</b>					<b>207</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	2	0	0	0	0					2	32%
Dark Interior	0	0	0	1	0	0	0	1	2					1	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	1	0	0	0	0	0	0					1	16%
Emergency Vehicle Issue	1	0	1	1	1	0	6	1	2					2	30%
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	0	0	0	0	0					0	0%
<b>Total:</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>6</b>	<b>2</b>	<b>4</b>					<b>6</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>		
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	30	28	30	28	27	30	30	31	28					29	
Average Issued Red Seconds	2.8	2.9	2.0	1.6	2.2	1.4	3.0	2.7	12.1					3	
Citation / Violation Issuance Rate	38%	17%	1%	6%	69%	61%	56%	53%	54%					39%	
Controllable Issuance Rate	99%	100%	50%	86%	97%	100%	95%	98%	97%					91%	



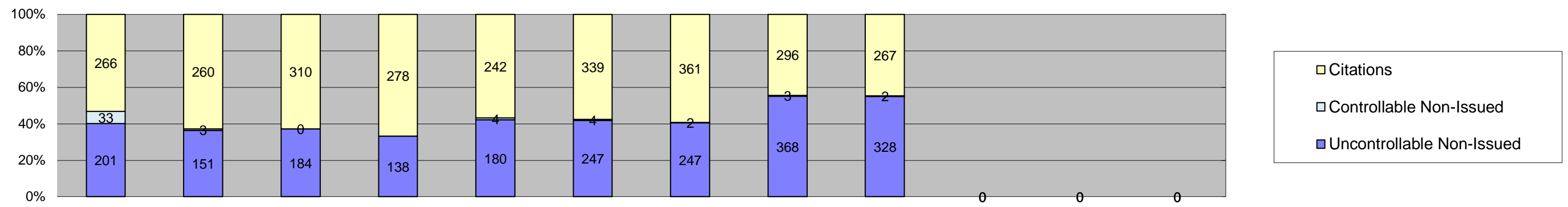
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1415: WB to NB De Soto Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	252	263	323	307	323	289	333	370	347				312	78%
Violations	96	115	98	112	96	109	65	69	41				89	22%
<b>Total:</b>	<b>348</b>	<b>378</b>	<b>421</b>	<b>419</b>	<b>419</b>	<b>398</b>	<b>398</b>	<b>439</b>	<b>388</b>				<b>401</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	34	41	41	55	35	52	34	28	19				38	42%
Controllable Non-Issued	6	19	29	18	27	26	8	8	9				17	19%
Citations	56	55	28	39	34	31	23	33	13				35	39%
<b>Total:</b>	<b>96</b>	<b>115</b>	<b>98</b>	<b>112</b>	<b>96</b>	<b>109</b>	<b>65</b>	<b>69</b>	<b>41</b>				<b>89</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	0	0	0	0	0	0	0	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	139	164	218	204	204	180	228	252	240				203	65%
Rear Axle Activation	0	1	2	0	3	1	0	0	0				2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	112	98	103	103	116	108	105	118	107				108	34%
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>252</b>	<b>263</b>	<b>323</b>	<b>307</b>	<b>323</b>	<b>289</b>	<b>333</b>	<b>370</b>	<b>347</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/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	1	1	0	1	1	1	0	1				1	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	9	0	2	1	0	0	1	2				3	6%
Driver Obstructed	0	1	0	0	2	3	2	0	0				2	4%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	1	3	0	0	0	3	0				2	5%
Glare on Windshield	0	1	6	7	9	12	4	3	0				6	12%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	2	0	0	0	0	0	0	0	0				2	4%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	3	0	0	0	0	0	0	0				3	6%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	20	20	24	38	21	29	19	13	9				21	42%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	2	2	1	0	0	0	0	1				2	3%
Out of State	2	4	3	3	0	1	1	4	3				3	5%
Plate Obstructed	1	0	1	0	1	0	0	0	0				1	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 Expired	0	0	0	0	0	0	0	1	0				1	2%
TSB No Hit	5	0	3	1	0	6	7	3	3				4	8%
<b>Total:</b>	<b>34</b>	<b>41</b>	<b>41</b>	<b>55</b>	<b>35</b>	<b>52</b>	<b>34</b>	<b>28</b>	<b>19</b>				<b>51</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	0	0	0				1	5%
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	6	18	29	18	27	24	6	7	9				16	84%
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	1	1	1	0				1	5%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	1	0	0				1	5%
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>6</b>	<b>19</b>	<b>29</b>	<b>18</b>	<b>27</b>	<b>26</b>	<b>8</b>	<b>8</b>	<b>9</b>				<b>19</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	14	14	15	15	15	15	15				15	
Average Issued Red Seconds	14.1	11.8	11.1	13.2	12.4	12.8	11.4	8.0	15.4				12	
Citation / Violation Issuance Rate	58%	48%	29%	35%	35%	28%	35%	48%	32%				39%	
Controllable Issuance Rate	90%	74%	49%	68%	56%	54%	74%	80%	59%				67%	



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

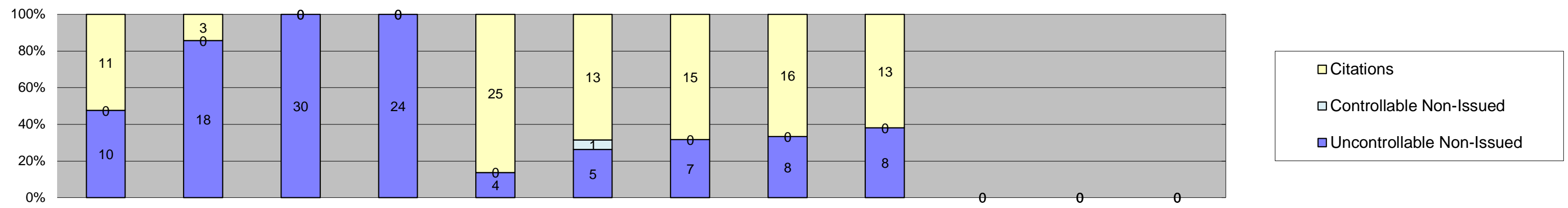


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	572	479	641	625	626	662	686	708	682				631	55%
Violations	500	414	494	416	426	590	610	667	597				524	45%
<b>Total:</b>	<b>1,072</b>	<b>893</b>	<b>1,135</b>	<b>1,041</b>	<b>1,052</b>	<b>1,252</b>	<b>1,296</b>	<b>1,375</b>	<b>1,279</b>				<b>1,155</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	201	151	184	138	180	247	247	368	328				227	43%
Controllable Non-Issued	33	3	0	0	4	4	2	3	2				7	1%
Citations	266	260	310	278	242	339	361	296	267				291	55%
<b>Total:</b>	<b>500</b>	<b>414</b>	<b>494</b>	<b>416</b>	<b>426</b>	<b>590</b>	<b>610</b>	<b>667</b>	<b>597</b>				<b>525</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	0	2	0	0	2	1	1	1				1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0	0	0				1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	571	479	636	623	626	660	684	705	681				629	99%
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	0	0	0	0	0	0	0	0	0				0	0%
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	2	2	0	0	1	2	0				2	0%
<b>Total:</b>	<b>572</b>	<b>479</b>	<b>641</b>	<b>625</b>	<b>626</b>	<b>662</b>	<b>686</b>	<b>708</b>	<b>682</b>				<b>634</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	1	1	0	0	0				1	0%
Car Obstructed	2	0	0	0	3	1	0	0	2				2	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	12	21	4	2	0	4	4	1	3				6	3%
Driver Obstructed	4	2	5	3	7	5	5	8	5				5	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	3	8	3	3	6	11	10	12	14				8	3%
Glare on Windshield	0	1	0	1	0	0	1	0	2				1	0%
Illegible Plate	0	0	1	0	1	0	0	0	0				1	0%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0				1	0%
Image Quality- PD	0	0	0	0	1	1	4	0	0				2	1%
Issuance Criteria Not Met- PD	0	0	2	1	0	0	0	0	0				2	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	117	78	96	85	115	99	115	159	141				112	44%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	32	31	26	22	28	37	28	35	27				30	12%
Out of State	18	9	16	13	16	21	13	34	13				17	7%
Plate Obstructed	2	0	0	0	2	1	2	2	3				2	1%
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 Expired	1	0	0	0	0	1	4	23	48				15	6%
TSB No Hit	10	0	31	8	0	65	61	94	70				48	19%
<b>Total:</b>	<b>201</b>	<b>151</b>	<b>184</b>	<b>138</b>	<b>180</b>	<b>247</b>	<b>247</b>	<b>368</b>	<b>328</b>				<b>253</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	31	0	0	0	0	0	0	0	0				31	76%
Clarity of Plate	0	0	0	0	0	2	1	0	0				2	4%
Clarity of Driver	0	0	0	0	1	0	0	0	0				1	2%
Dark Interior	1	0	0	0	0	1	1	0	0				1	2%
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	1	0				1	2%
Exposed	0	0	0	0	2	0	0	2	2				2	5%
Equipment Malfunction	0	2	0	0	0	1	0	0	0				2	4%
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	1	0	0	0	1	0	0	0	0				1	2%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	1	0	0	0	0	0	0	0				1	2%
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>33</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>41</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	13	13	12	13	12	11	12	12	16				13	
Average Issued Red Seconds	19.4	16.1	17.1	13.9	14.6	15.5	16.0	16.2	15.3				16	
Citation / Violation Issuance Rate	53%	63%	63%	67%	57%	57%	59%	44%	45%				56%	
Controllable Issuance Rate	89%	99%	100%	100%	98%	99%	99%	99%	99%				98%	





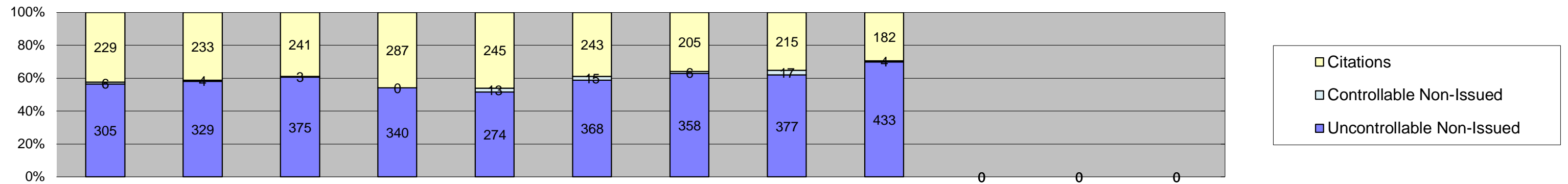
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1424: WB Sherman Way @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	91	70	95	94	81	87	77	85	78				84	78%
Violations	21	21	30	24	29	19	22	24	21				23	22%
<b>Total:</b>	<b>112</b>	<b>91</b>	<b>125</b>	<b>118</b>	<b>110</b>	<b>106</b>	<b>99</b>	<b>109</b>	<b>99</b>				<b>108</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	10	18	30	24	4	5	7	8	8				13	46%
Controllable Non-Issued	0	0	0	0	0	1	0	0	0				1	4%
Citations	11	3	0	0	25	13	15	16	13				14	50%
<b>Total:</b>	<b>21</b>	<b>21</b>	<b>30</b>	<b>24</b>	<b>29</b>	<b>19</b>	<b>22</b>	<b>24</b>	<b>21</b>				<b>27</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	1	4	5	6	1	5	4	3				4	4%
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	36	22	32	38	18	33	21	27	21				28	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	52	47	59	51	57	53	51	54	54				53	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>91</b>	<b>70</b>	<b>95</b>	<b>94</b>	<b>81</b>	<b>87</b>	<b>77</b>	<b>85</b>	<b>78</b>				<b>84</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	2	0	0	0	0	0	0	0				2	7%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0				0	0%
Driver Obstructed	0	0	0	0	0	0	1	0	0				1	3%
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	3%
Glare on Windshield	0	1	1	0	0	0	0	2	3				2	6%
Illegible Plate	0	0	0	0	1	0	0	0	0				1	3%
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	6	13	15	19	0	0	0	0	0				13	46%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	1	0	6	2	0	1	3	1	1				2	7%
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	1	1	0	2	2	1	0	0	0				1	5%
Plate Obstructed	0	0	0	1	1	0	0	0	0				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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	2	0	8	0	0	3	3	5	4				4	15%
<b>Total:</b>	<b>10</b>	<b>18</b>	<b>30</b>	<b>24</b>	<b>4</b>	<b>5</b>	<b>7</b>	<b>8</b>	<b>8</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	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	0	0	0	0				0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	0	0				1	100%
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	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>1</b>	<b>0</b>	<b>0</b>	<b>0</b>				<b>1</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	20	17	23	17	19	17	21	19				19	
Average Issued Red Seconds	18.0	21.4	23.7	20.4	19.5	23.6	21.7	20.6	17.4				21	
Citation / Violation Issuance Rate	52%	14%	0%	0%	86%	68%	68%	67%	62%				60%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	93%	100%	100%	100%				99%	



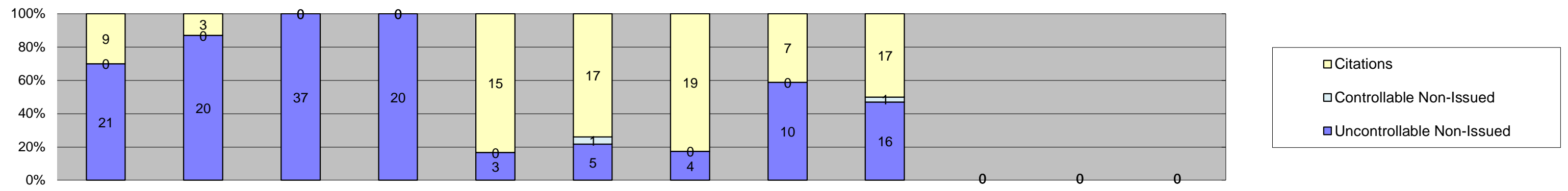
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1429: NB to EB Canoga Ave @ Sherman Way



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	953	889	1,073	1,149	1,117	1,019	966	1,127	1,014				1,034	64%
Violations	540	566	619	627	532	626	569	609	619				590	36%
<b>Total:</b>	<b>1,493</b>	<b>1,455</b>	<b>1,692</b>	<b>1,776</b>	<b>1,649</b>	<b>1,645</b>	<b>1,535</b>	<b>1,736</b>	<b>1,633</b>				<b>1,624</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	305	329	375	340	274	368	358	377	433				351	59%
Controllable Non-Issued	6	4	3	0	13	15	6	17	4				9	1%
Citations	229	233	241	287	245	243	205	215	182				231	39%
<b>Total:</b>	<b>540</b>	<b>566</b>	<b>619</b>	<b>627</b>	<b>532</b>	<b>626</b>	<b>569</b>	<b>609</b>	<b>619</b>				<b>591</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	0	1	2	3	3	5	2	5				3	0%
Emergency Vehicle PD	0	0	1	1	1	1	0	0	0				1	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0	0	0				1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	944	885	1,060	1,142	1,108	1,015	953	1,120	1,005				1,026	99%
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	0	0	0	0	0	0	0	0	0				0	0%
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	5	4	10	4	5	0	8	5	4				6	1%
<b>Total:</b>	<b>953</b>	<b>889</b>	<b>1,073</b>	<b>1,149</b>	<b>1,117</b>	<b>1,019</b>	<b>966</b>	<b>1,127</b>	<b>1,014</b>				<b>1,037</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	1	0	0	1	0				1	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0				1	0%
Car Obstructed	11	4	5	12	12	8	6	18	16				10	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	21	17	14	5	5	8	2	3	4				9	2%
Driver Obstructed	21	19	16	29	19	20	16	17	27				20	5%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	9	14	4	10	14	14	21	19	23				14	4%
Glare on Windshield	1	0	3	2	5	1	9	2	3				3	1%
Illegible Plate	0	1	4	0	0	1	0	3	4				3	1%
Interest of Justice- PD	1	1	0	0	0	0	0	0	0				1	0%
Image Quality- PD	1	2	0	3	3	0	0	0	0				2	1%
Issuance Criteria Not Met- PD	0	0	2	0	0	0	0	0	0				2	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	102	111	112	123	102	116	119	118	127				114	29%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	104	135	131	114	88	102	95	78	85				104	26%
Out of State	14	15	27	9	18	15	11	15	19				16	4%
Plate Obstructed	7	10	8	13	7	8	10	7	9				9	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 Expired	0	0	0	0	0	0	0	11	51				31	8%
TSB No Hit	13	0	49	20	0	75	68	85	65				54	14%
<b>Total:</b>	<b>305</b>	<b>329</b>	<b>375</b>	<b>340</b>	<b>274</b>	<b>368</b>	<b>358</b>	<b>377</b>	<b>433</b>				<b>394</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit Expire	3	0	0	0	0	0	0	1	0				2	9%
Clarity of Plate	0	0	0	0	3	5	2	3	0				3	14%
Clarity of Driver	0	0	0	0	0	3	0	0	0				3	13%
Dark Interior	2	4	0	0	2	0	0	1	0				2	10%
Data Box Related- PD	0	0	0	0	0	1	0	0	0				1	4%
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	1	0	0	0	0	0	0				1	4%
Exposed	0	0	0	0	7	4	0	10	4				6	28%
Equipment Malfunction	0	0	1	0	0	1	2	1	0				1	6%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	1	0	0	0	2	0	0				2	7%
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	1	0	0	0	1	1	0	1	0				1	4%
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>6</b>	<b>4</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>15</b>	<b>6</b>	<b>17</b>	<b>4</b>				<b>23</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	13	13	14	14	15	13	13	13	13				13	
Average Issued Red Seconds	26.0	24.4	21.1	25.7	23.4	25.2	24.3	19.9	26.4				24	
Citation / Violation Issuance Rate	42%	41%	39%	46%	46%	39%	36%	35%	29%				39%	
Controllable Issuance Rate	97%	98%	99%	100%	95%	94%	97%	93%	98%				97%	



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

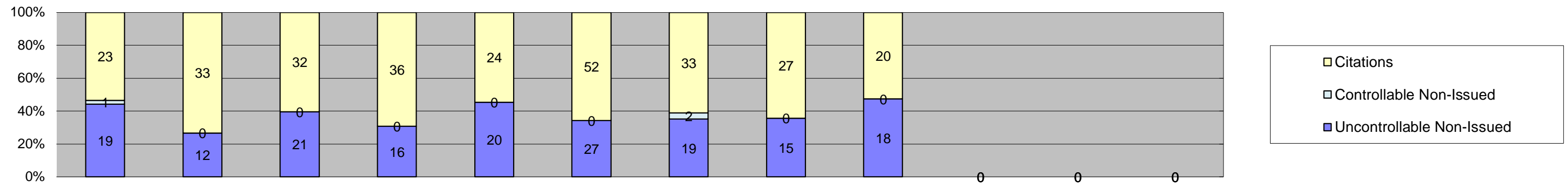


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	152	202	105	93	94	88	90	108	101					115	82%
Violations	30	23	37	20	18	23	23	17	34					25	18%
<b>Total:</b>	<b>182</b>	<b>225</b>	<b>142</b>	<b>113</b>	<b>112</b>	<b>111</b>	<b>113</b>	<b>125</b>	<b>135</b>					<b>140</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	21	20	37	20	3	5	4	10	16					15	53%
Controllable Non-Issued	0	0	0	0	0	1	0	0	1					1	4%
Citations	9	3	0	0	15	17	19	7	17					12	44%
<b>Total:</b>	<b>30</b>	<b>23</b>	<b>37</b>	<b>20</b>	<b>18</b>	<b>23</b>	<b>23</b>	<b>17</b>	<b>34</b>					<b>29</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	1	0	0	0	0	1	0	0	1					1	1%
Emergency Vehicle PD	0	1	0	0	0	0	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	101	148	49	39	38	33	32	45	46					59	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	50	52	56	54	56	54	58	63	54					55	47%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	1	0	0	0	0	0	0	0					1	1%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
<b>Total:</b>	<b>152</b>	<b>202</b>	<b>105</b>	<b>93</b>	<b>94</b>	<b>88</b>	<b>90</b>	<b>108</b>	<b>101</b>					<b>117</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	1	0	0	0	0	0	0	0	0					1	3%
Conditions Beyond Control	0	0	1	2	0	0	0	0	0					2	5%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0					0	0%
Driver Obstructed	0	0	0	0	0	0	0	0	1					1	3%
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	1	0	1	0	0	1	0	0	1					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	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	15	16	32	13	0	0	0	0	0					19	58%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	3	2	4	3	0	1	2	3					2	7%
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	0					1	3%
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	1	0	0	0	0	0	0	0					1	3%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	3	0	1	0	0	4	2	8	11					5	15%
<b>Total:</b>	<b>21</b>	<b>20</b>	<b>37</b>	<b>20</b>	<b>3</b>	<b>5</b>	<b>4</b>	<b>10</b>	<b>16</b>					<b>33</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Conduit 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	1	0	0	0					1	50%
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	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	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	1					1	50%
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>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>					<b>2</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>		
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	25	24	24	24	27	23	21	24	25					24	
Average Issued Red Seconds	15.3	1.0	2.5	42.5	6.7	1.9	9.7	8.3	6.5					10	
Citation / Violation Issuance Rate	30%	13%	0%	0%	83%	74%	83%	41%	50%					53%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	94%	100%	100%	94%					98%	





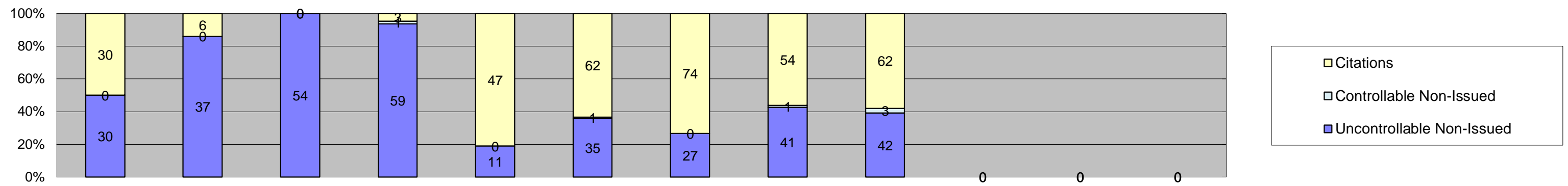
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1439: NB to EB Canoga Ave @ Valerio St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	30	31	38	44	34	38	30	31	29				34	40%
Violations	43	45	53	52	44	79	54	42	38				50	60%
<b>Total:</b>	<b>73</b>	<b>76</b>	<b>91</b>	<b>96</b>	<b>78</b>	<b>117</b>	<b>84</b>	<b>73</b>	<b>67</b>				<b>84</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	19	12	21	16	20	27	19	15	18				19	36%
Controllable Non-Issued	1	0	0	0	0	0	2	0	0				2	3%
Citations	23	33	32	36	24	52	33	27	20				31	61%
<b>Total:</b>	<b>43</b>	<b>45</b>	<b>53</b>	<b>52</b>	<b>44</b>	<b>79</b>	<b>54</b>	<b>42</b>	<b>38</b>				<b>51</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	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	30	31	38	44	34	38	30	31	29				34	100%
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	0	0	0	0	0	0	0	0	0				0	0%
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>30</b>	<b>31</b>	<b>38</b>	<b>44</b>	<b>34</b>	<b>38</b>	<b>30</b>	<b>31</b>	<b>29</b>				<b>34</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	3	1	0	0	0	0	1	1	0				2	5%
Driver Obstructed	0	0	0	1	0	1	1	1	0				1	3%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	0	0	1				1	3%
Glare on Windshield	0	0	0	0	0	0	1	0	0				1	3%
Illegible Plate	0	0	0	0	1	0	0	0	0				1	3%
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	1	0	0	0	0	0				1	3%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	10	8	10	13	18	13	7	5	8				10	35%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	2	4	0	0	4	1	0	1				2	8%
Out of State	0	1	2	1	1	2	2	1	1				1	5%
Plate Obstructed	2	0	0	0	0	0	0	1	0				2	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 Expired	0	0	0	0	0	0	0	1	5				3	10%
TSB No Hit	2	0	5	0	0	7	6	5	2				5	15%
<b>Total:</b>	<b>19</b>	<b>12</b>	<b>21</b>	<b>16</b>	<b>20</b>	<b>27</b>	<b>19</b>	<b>15</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				0	0%
Clarity of Plate	0	0	0	0	0	0	2	0	0				2	67%
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	0	0	0	0				0	0%
Emergency Vehicle Issue	1	0	0	0	0	0	0	0	0				1	33%
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	0	0	0	0	0				0	0%
<b>Total:</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</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	9	10	10	11	11	10	11	11	11				10	
Average Issued Red Seconds	18.8	15.7	13.8	12.5	12.3	14.5	9.4	12.7	13.4				14	
Citation / Violation Issuance Rate	53%	73%	60%	69%	55%	66%	61%	64%	53%				62%	
Controllable Issuance Rate	96%	100%	100%	100%	100%	100%	94%	100%	100%				99%	



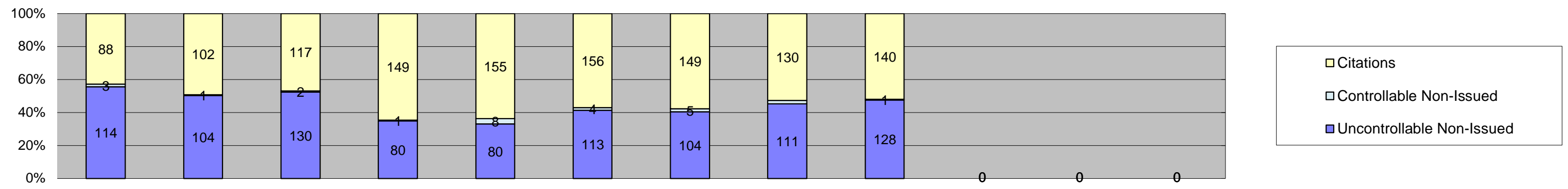
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1444: WB Saticoy St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	136	98	146	129	154	162	186	151	186				150	66%
Violations	60	43	54	63	58	98	101	96	107				76	34%
<b>Total:</b>	<b>196</b>	<b>141</b>	<b>200</b>	<b>192</b>	<b>212</b>	<b>260</b>	<b>287</b>	<b>247</b>	<b>293</b>				<b>225</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	30	37	54	59	11	35	27	41	42				37	46%
Controllable Non-Issued	0	0	0	1	0	1	0	1	3				2	2%
Citations	30	6	0	3	47	62	74	54	62				42	52%
<b>Total:</b>	<b>60</b>	<b>43</b>	<b>54</b>	<b>63</b>	<b>58</b>	<b>98</b>	<b>101</b>	<b>96</b>	<b>107</b>				<b>81</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	2	9	6	4	7	3	2	7				5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	1				1	1%
Intersection Control in Progress-PD	0	0	1	0	0	0	0	0	0				1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	81	51	80	71	95	106	131	94	124				93	61%
Rear Axle Activation	0	0	0	0	0	0	0	1	0				1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	51	45	56	52	55	49	52	54	54				52	34%
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>136</b>	<b>98</b>	<b>146</b>	<b>129</b>	<b>154</b>	<b>162</b>	<b>186</b>	<b>151</b>	<b>186</b>				<b>152</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	1	1	0	0	0	0	0				1	1%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1				1	1%
Driver Obstructed	1	0	1	0	0	1	0	4	1				2	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	0	2	0				2	3%
Glare on Windshield	0	0	0	1	0	0	1	1	4				2	3%
Illegible Plate	0	0	1	0	0	0	0	0	0				1	1%
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	21	34	37	46	0	0	0	0	0				35	52%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	5	2	7	8	6	12	10	16	9				8	12%
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	2	5	2	1	2	9				3	5%
Plate Obstructed	0	0	2	0	0	0	1	0	0				2	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	3	0	5	1	0	20	14	16	18				11	16%
<b>Total:</b>	<b>30</b>	<b>37</b>	<b>54</b>	<b>59</b>	<b>11</b>	<b>35</b>	<b>27</b>	<b>41</b>	<b>42</b>				<b>67</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0	1	1				1	33%
Clarity of Plate	0	0	0	1	0	0	0	0	1				1	33%
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	0	0	0	0				0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	0	1				1	33%
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	0	0	0	0	0				0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>3</b>				<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	30	27	29	28	26	28	28	28	28				28	
Average Issued Red Seconds	5.3	3.3	4.0	5.8	7.8	5.5	6.9	6.4	7.1				6	
Citation / Violation Issuance Rate	50%	14%	0%	5%	81%	63%	73%	56%	58%				50%	
Controllable Issuance Rate	100%	100%	0%	75%	100%	98%	100%	98%	95%				96%	



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

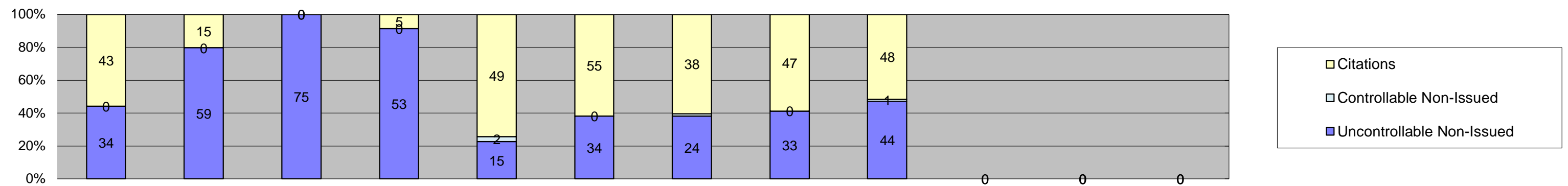


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	391	434	373	271	293	267	240	267	238				308	56%
Violations	205	207	249	230	243	273	258	246	269				242	44%
<b>Total:</b>	<b>596</b>	<b>641</b>	<b>622</b>	<b>501</b>	<b>536</b>	<b>540</b>	<b>498</b>	<b>513</b>	<b>507</b>				<b>550</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	114	104	130	80	80	113	104	111	128				107	44%
Controllable Non-Issued	3	1	2	1	8	4	5	5	1				3	1%
Citations	88	102	117	149	155	156	149	130	140				132	54%
<b>Total:</b>	<b>205</b>	<b>207</b>	<b>249</b>	<b>230</b>	<b>243</b>	<b>273</b>	<b>258</b>	<b>246</b>	<b>269</b>				<b>242</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	1	5	2	0	1	0	1	0				2	1%
Emergency Vehicle PD	0	3	1	0	0	3	1	2	0				2	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	389	430	367	269	293	263	239	264	238				306	99%
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	0	0	0	0	0	0	0	0	0				0	0%
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>391</b>	<b>434</b>	<b>373</b>	<b>271</b>	<b>293</b>	<b>267</b>	<b>240</b>	<b>267</b>	<b>238</b>				<b>310</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	2	0	1	0	1	1	0	1	2				1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	20	17	27	8	5	3	4	0	5				11	9%
Driver Obstructed	3	2	2	1	3	1	6	3	1				2	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	6	6	10	3	0	0	1	0	0				5	4%
Glare on Windshield	7	14	28	2	4	7	3	8	4				9	7%
Illegible Plate	0	0	0	0	1	0	0	0	0				1	1%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0				1	1%
Image Quality- PD	12	13	5	2	3	4	6	1	3				5	4%
Issuance Criteria Not Met- PD	0	0	2	0	1	0	0	0	0				2	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	45	40	30	45	47	41	47	42	37				42	33%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	5	7	10	6	8	11	9	3	2				7	5%
Out of State	6	4	4	5	5	3	6	12	6				6	4%
Plate Obstructed	1	0	1	2	2	6	0	5	7				3	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 Expired	1	0	0	0	0	0	0	6	29				12	9%
TSB No Hit	6	0	10	6	0	36	22	30	32				20	16%
<b>Total:</b>	<b>114</b>	<b>104</b>	<b>130</b>	<b>80</b>	<b>80</b>	<b>113</b>	<b>104</b>	<b>111</b>	<b>128</b>				<b>127</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	2	0	0	0	0	0	0	0	0				2	18%
Clarity of Plate	0	0	0	0	3	0	1	1	0				2	15%
Clarity of Driver	0	0	0	0	3	1	0	0	0				2	18%
Dark Interior	0	1	1	0	2	3	2	4	1				2	18%
Data Box Related- PD	1	0	0	0	0	0	0	0	0				1	9%
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	0	0	1	0	0	2	0	0				2	13%
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	1	0	0	0	0	0	0				1	9%
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>3</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>5</b>	<b>1</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	11	11	11	11	11	11	11	11	11				11	
Average Issued Red Seconds	20.1	17.4	20.5	18.6	17.9	20.8	18.9	18.1	17.6				19	
Citation / Violation Issuance Rate	43%	49%	47%	65%	64%	57%	58%	53%	52%				54%	
Controllable Issuance Rate	97%	99%	98%	99%	95%	98%	97%	96%	99%				98%	





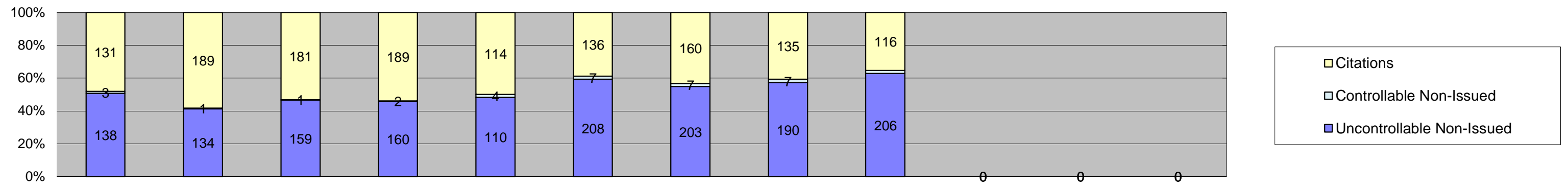
Los Angeles County MTA Orange Line  
Approach Summary Report  
Location 1454: WB Roscoe Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	637	184	609	764	245	231	242	252	227				377	83%
Violations	77	74	75	58	66	89	63	80	93				75	17%
<b>Total:</b>	<b>714</b>	<b>258</b>	<b>684</b>	<b>822</b>	<b>311</b>	<b>320</b>	<b>305</b>	<b>332</b>	<b>320</b>				<b>452</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	34	59	75	53	15	34	24	33	44				41	51%
Controllable Non-Issued	0	0	0	0	2	0	1	0	1				1	2%
Citations	43	15	0	5	49	55	38	47	48				38	47%
<b>Total:</b>	<b>77</b>	<b>74</b>	<b>75</b>	<b>58</b>	<b>66</b>	<b>89</b>	<b>63</b>	<b>80</b>	<b>93</b>				<b>80</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	14	3	7	5	18	5	10	8	10				9	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	568	135	549	704	171	173	179	188	165				315	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	55	46	53	55	56	53	53	56	52				53	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>637</b>	<b>184</b>	<b>609</b>	<b>764</b>	<b>245</b>	<b>231</b>	<b>242</b>	<b>252</b>	<b>227</b>				<b>377</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	1				1	1%
Conditions Beyond Control	0	0	4	1	0	0	0	0	0				3	3%
Driver Identity Unclear	0	1	0	0	0	1	1	0	2				1	2%
Driver Obstructed	0	0	0	0	1	1	1	0	1				1	1%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	5	1	0	0	0	1	0	3				3	3%
Glare on Windshield	1	3	6	0	1	1	3	5	14				4	6%
Illegible Plate	0	1	0	0	0	0	0	0	0				1	1%
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	17	40	44	45	0	0	0	0	0				37	50%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	6	7	10	3	11	9	5	11	6				8	10%
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	1%
Out of State	6	2	1	2	2	5	4	1	1				3	4%
Plate Obstructed	0	0	1	0	0	0	0	2	2				2	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	4	0	8	2	0	17	9	13	14				10	13%
<b>Total:</b>	<b>34</b>	<b>59</b>	<b>75</b>	<b>53</b>	<b>15</b>	<b>34</b>	<b>24</b>	<b>33</b>	<b>44</b>				<b>72</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduit 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	1	0	0	0	0				1	33%
Dark Interior	0	0	0	0	0	0	0	0	1				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	0	0	0	0	0	0				0	0%
Emergency Vehicle Issue	0	0	0	0	1	0	1	0	0				1	33%
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	0	0	0	0	0				0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>1</b>				<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>													<b>Year to Date Monthly Average</b>	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	34	30	31	35	36	37	32	32	30				33	
Average Issued Red Seconds	3.9	5.8	3.1	2.8	4.8	3.1	4.8	5.5	4.7				4	
Citation / Violation Issuance Rate	56%	20%	0%	9%	74%	62%	60%	59%	52%				49%	
Controllable Issuance Rate	100%	100%	0%	100%	96%	100%	97%	100%	98%				99%	



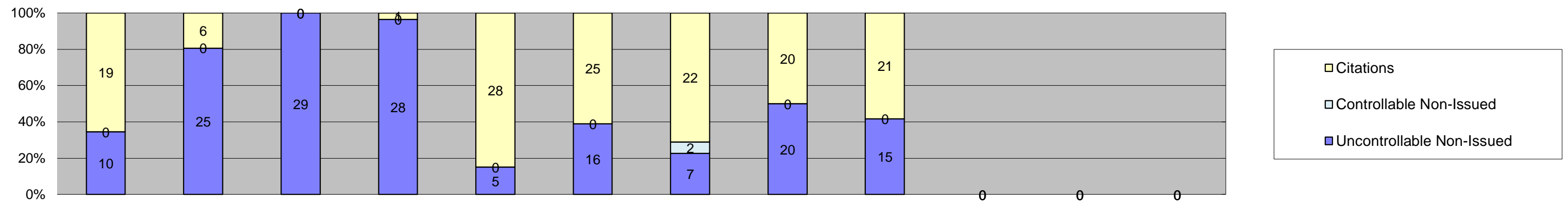
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1459: NB to EB Canoga Ave @ Roscoe Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	451	431	441	431	551	498	421	472	477				464	59%
Violations	272	324	341	351	228	351	370	332	328				322	41%
<b>Total:</b>	<b>723</b>	<b>755</b>	<b>782</b>	<b>782</b>	<b>779</b>	<b>849</b>	<b>791</b>	<b>804</b>	<b>805</b>				<b>786</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	138	134	159	160	110	208	203	190	206				168	52%
Controllable Non-Issued	3	1	1	2	4	7	7	7	6				4	1%
Citations	131	189	181	189	114	136	160	135	116				150	47%
<b>Total:</b>	<b>272</b>	<b>324</b>	<b>341</b>	<b>351</b>	<b>228</b>	<b>351</b>	<b>370</b>	<b>332</b>	<b>328</b>				<b>322</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	2	2	3	2	1	2	1	3				2	0%
Emergency Vehicle PD	0	0	0	1	0	1	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	450	426	432	422	548	494	419	471	473				459	98%
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	0	0	0	0	0	0	0	0	0				0	0%
Train Activatin	0	0	0	0	0	0	0	0	0				0	0%
Amber Time Low	0	0	0	0	1	0	0	0	1				1	0%
Vehicle Stopped- PD	0	3	7	5	0	2	0	0	0				4	1%
<b>Total:</b>	<b>451</b>	<b>431</b>	<b>441</b>	<b>431</b>	<b>551</b>	<b>498</b>	<b>421</b>	<b>472</b>	<b>477</b>				<b>468</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	1	0	0	0	0	2				2	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	19	19	11	8	1	15	15	11	10				12	7%
Driver Obstructed	11	5	5	17	7	16	11	13	15				11	6%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	9	3	5	6	3	1	0	1	0				4	2%
Glare on Windshield	1	1	5	7	4	15	14	10	9				7	4%
Illegible Plate	0	0	0	0	0	0	0	1	0				1	1%
Interest of Justice- PD	1	0	0	0	0	0	0	0	0				1	1%
Image Quality- PD	3	6	5	9	9	11	13	6	3				7	4%
Issuance Criteria Not Met- PD	0	0	0	1	1	0	0	0	0				1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	43	43	50	50	54	62	68	60	52				54	29%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	36	49	46	46	24	36	33	27	36				37	20%
Out of State	2	6	4	3	5	11	13	7	6				6	3%
Plate Obstructed	3	2	5	2	2	4	1	2	1				2	1%
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 Expired	0	0	1	0	0	0	1	14	32				12	6%
TSB No Hit	10	0	22	10	0	37	34	38	40				27	15%
<b>Total:</b>	<b>138</b>	<b>134</b>	<b>159</b>	<b>160</b>	<b>110</b>	<b>208</b>	<b>203</b>	<b>190</b>	<b>206</b>				<b>185</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	1	0	0	0	0	0	0	1	0				1	8%
Clarity of Plate	0	0	0	0	1	4	3	0	0				3	22%
Clarity of Driver	0	0	0	0	1	0	0	0	0				1	8%
Dark Interior	1	0	0	1	0	2	2	3	3				2	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	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	1	1	0	2	1				1	10%
Equipment Malfunction	0	0	0	0	0	0	0	0	1				1	8%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	1	0	1	1	0	0	0	0				1	8%
Framing of Driver	0	0	0	0	0	0	1	0	0				1	8%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	1	0	1	0	0	0	1	1	1				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>3</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>7</b>	<b>7</b>	<b>7</b>	<b>6</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	11	11	11	10	11	11	11	11	11				11	
Average Issued Red Seconds	21.3	20.1	20.0	20.0	20.2	20.1	19.9	18.5	22.6				20	
Citation / Violation Issuance Rate	48%	58%	53%	54%	50%	39%	43%	41%	35%				47%	
Controllable Issuance Rate	98%	99%	99%	99%	97%	95%	96%	95%	95%				97%	



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

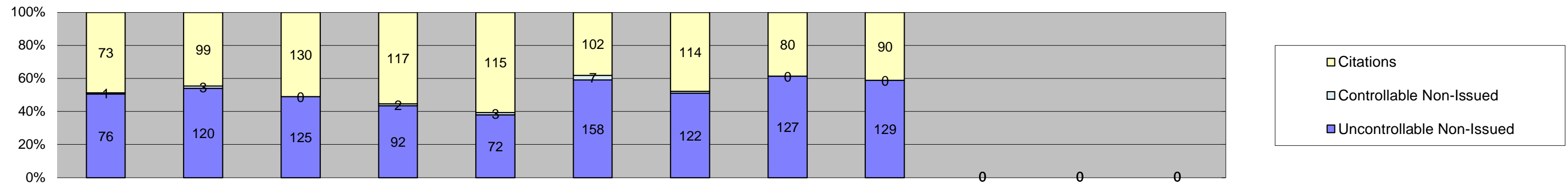


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	98	100	114	117	125	107	105	124	127					113	77%
Violations	29	31	29	29	33	41	31	40	36					33	23%
<b>Total:</b>	<b>127</b>	<b>131</b>	<b>143</b>	<b>146</b>	<b>158</b>	<b>148</b>	<b>136</b>	<b>164</b>	<b>163</b>					<b>146</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	10	25	29	28	5	16	7	20	15					17	47%
Controllable Non-Issued	0	0	0	0	0	0	2	0	0					2	5%
Citations	19	6	0	1	28	25	22	20	21					18	48%
<b>Total:</b>	<b>29</b>	<b>31</b>	<b>29</b>	<b>29</b>	<b>33</b>	<b>41</b>	<b>31</b>	<b>40</b>	<b>36</b>					<b>37</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	1	1	3	4	2	2	3	0	2					2	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	51	55	63	69	55	53	68	70					59	52%
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	50	48	56	50	54	50	49	56	55					52	46%
Train Actication	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>98</b>	<b>100</b>	<b>114</b>	<b>117</b>	<b>125</b>	<b>107</b>	<b>105</b>	<b>124</b>	<b>127</b>					<b>113</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	1	0	0	0					1	3%
Conditions Beyond Control	1	0	0	1	0	0	0	0	0					1	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0					1	3%
Driver Obstructed	0	1	0	1	0	0	1	0	0					1	3%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	1	0	0	0	1	0	0					1	3%
Glare on Windshield	0	1	1	1	2	1	1	3	1					1	4%
Illegible Plate	0	0	0	0	0	0	0	0	1					1	3%
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	3	20	25	19	0	0	0	0	0					17	48%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	3	3	0	2	2	5	2	1	3					3	8%
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	1	1	0	2	0	0	1					1	4%
Plate Obstructed	0	0	0	0	1	0	0	1	0					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 Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	3	0	1	3	0	7	2	14	9					6	16%
<b>Total:</b>	<b>10</b>	<b>25</b>	<b>29</b>	<b>28</b>	<b>5</b>	<b>16</b>	<b>7</b>	<b>20</b>	<b>15</b>					<b>35</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	50%
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	1	0	0					1	50%
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	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>2</b>	<b>0</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	0					0	
Average Issued Speed	33	37	36	37	34	32	33	39	34					35	
Average Issued Red Seconds	7.0	2.6	1.1	4.5	4.0	5.0	7.0	2.4	3.8					4	
Citation / Violation Issuance Rate	66%	19%	0%	3%	85%	61%	71%	50%	58%					52%	
Controllable Issuance Rate	100%	100%	0%	100%	100%	100%	92%	100%	100%					99%	





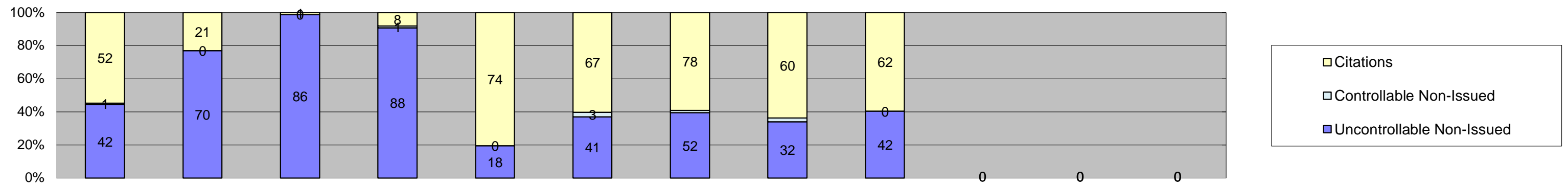
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1469: NB to EB Canoga Ave @ Parthenia St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	135	163	196	196	206	159	160	217	185				180	45%
Violations	150	222	255	211	190	267	239	207	219				218	55%
<b>Total:</b>	<b>285</b>	<b>385</b>	<b>451</b>	<b>407</b>	<b>396</b>	<b>426</b>	<b>399</b>	<b>424</b>	<b>404</b>				<b>397</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	76	120	125	92	72	158	122	127	129				113	52%
Controllable Non-Issued	1	3	0	2	3	7	3	0	0				3	1%
Citations	73	99	130	117	115	102	114	80	90				102	47%
<b>Total:</b>	<b>150</b>	<b>222</b>	<b>255</b>	<b>211</b>	<b>190</b>	<b>267</b>	<b>239</b>	<b>207</b>	<b>219</b>				<b>219</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	1	2	1	4	1	0	0	1				2	1%
Emergency Vehicle PD	0	0	1	0	0	0	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	131	160	190	194	200	158	159	217	183				177	98%
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	0	0	0	0	0	0	0	0	0				0	0%
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	2	3	1	2	0	1	0	1				2	1%
<b>Total:</b>	<b>135</b>	<b>163</b>	<b>196</b>	<b>196</b>	<b>206</b>	<b>159</b>	<b>160</b>	<b>217</b>	<b>185</b>				<b>181</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	1	0	0	0	0	0	0				1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0				1	1%
Car Obstructed	0	1	0	0	0	0	1	0	0				1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	6	5	8	2	3	2	2	2	3				4	3%
Driver Obstructed	9	11	12	18	1	3	8	6	14				9	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	2	0	0	1	0	0	0	0				1	1%
Glare on Windshield	1	0	1	2	0	2	9	0	1				3	2%
Illegible Plate	0	1	0	2	0	0	0	0	1				1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	1	3	1	1	3	6	4	0	0				3	2%
Issuance Criteria Not Met- PD	0	0	1	1	0	0	0	0	0				1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	27	35	41	23	29	51	41	45	35				36	27%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	21	54	33	35	30	49	28	22	23				33	24%
Out of State	7	5	2	3	3	1	4	4	5				4	3%
Plate Obstructed	0	3	1	0	2	2	1	1	3				2	1%
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 Expired	0	0	0	0	0	0	0	7	15				11	8%
TSB No Hit	3	0	24	5	0	42	23	40	29				24	18%
<b>Total:</b>	<b>76</b>	<b>120</b>	<b>125</b>	<b>92</b>	<b>72</b>	<b>158</b>	<b>122</b>	<b>127</b>	<b>129</b>				<b>134</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	2	3	3	0	0				3	39%
Clarity of Driver	0	0	0	0	1	2	0	0	0				2	22%
Dark Interior	1	2	0	2	0	2	0	0	0				2	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	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	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	1	0	0	0	0	0	0	0				1	14%
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>0</b>	<b>2</b>	<b>3</b>	<b>7</b>	<b>3</b>	<b>0</b>	<b>0</b>				<b>7</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	10	11	11	11	11	10	10	11	11				11	
Average Issued Red Seconds	15.0	14.5	12.7	13.7	14.6	13.3	13.6	13.6	13.7				14	
Citation / Violation Issuance Rate	49%	45%	51%	55%	61%	38%	48%	39%	41%				47%	
Controllable Issuance Rate	99%	97%	100%	98%	97%	94%	97%	100%	100%				98%	



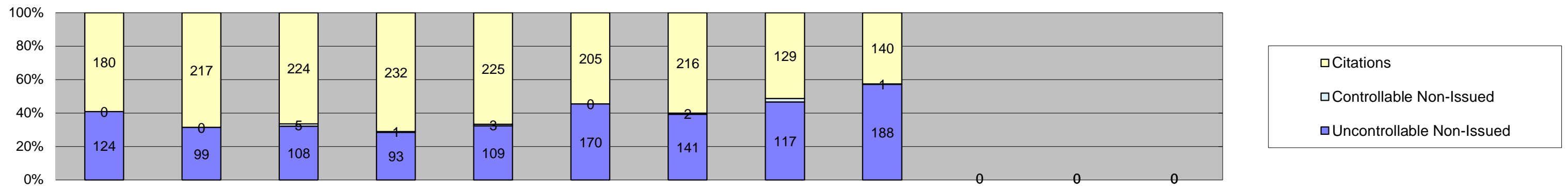
Los Angeles County MTA Orange Line  
 Approach Summary Report  
 Location 1474: WB Nordhoff St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	187	160	211	259	243	268	263	250	266				234	70%
Violations	95	91	87	97	92	111	132	94	104				100	30%
<b>Total:</b>	<b>282</b>	<b>251</b>	<b>298</b>	<b>356</b>	<b>335</b>	<b>379</b>	<b>395</b>	<b>344</b>	<b>370</b>				<b>334</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	42	70	86	88	18	41	52	32	42				52	52%
Controllable Non-Issued	1	0	0	1	0	3	2	2	0				2	2%
Citations	52	21	1	8	74	67	78	60	62				47	46%
<b>Total:</b>	<b>95</b>	<b>91</b>	<b>87</b>	<b>97</b>	<b>92</b>	<b>111</b>	<b>132</b>	<b>94</b>	<b>104</b>				<b>101</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	3	4	4	3	1	3	5	4				3	1%
Emergency Vehicle PD	1	0	0	0	0	0	0	0	0				1	0%
Intersection Control in Progress-PD	1	0	0	0	0	0	0	0	0				1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	132	107	147	196	184	215	208	186	212				176	74%
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	51	50	59	59	56	52	52	59	50				54	23%
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	0%
<b>Total:</b>	<b>187</b>	<b>160</b>	<b>211</b>	<b>259</b>	<b>243</b>	<b>268</b>	<b>263</b>	<b>250</b>	<b>266</b>				<b>237</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	1	0	1	0	1	2	2	2	1				1	2%
Conditions Beyond Control	2	6	0	5	0	0	0	0	0				4	5%
Driver Identity Unclear	0	0	0	0	1	2	0	2	1				2	2%
Driver Obstructed	2	2	3	1	1	0	0	0	2				2	2%
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	1	4	0	4	3	5	14	2	5				5	5%
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	26	49	71	69	0	0	0	0	0				54	59%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	7	2	4	6	10	9	14	5	14				8	9%
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	1	5	1	1	2	3	4	5	6				3	3%
Plate Obstructed	0	2	0	0	0	1	0	0	0				2	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 Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	2	0	6	2	0	19	18	16	13				11	12%
<b>Total:</b>	<b>42</b>	<b>70</b>	<b>86</b>	<b>88</b>	<b>18</b>	<b>41</b>	<b>52</b>	<b>32</b>	<b>42</b>				<b>91</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	1	0	0	0	0	0	0	0	0				1	20%
Clarity of Plate	0	0	0	0	0	1	0	0	0				1	20%
Clarity of Driver	0	0	0	1	0	1	0	0	0				1	20%
Dark Interior	0	0	0	0	0	1	1	1	0				1	20%
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	1	1	0				1	20%
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	0	0	0	0	0				0	0%
<b>Total:</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>0</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	35	36	34	30	30	29	34	32	30				32	
Average Issued Red Seconds	4.7	2.3	5.3	6.4	10.9	15.7	9.7	8.3	9.6				8	
Citation / Violation Issuance Rate	55%	23%	1%	8%	80%	60%	59%	64%	60%				46%	
Controllable Issuance Rate	98%	100%	100%	89%	100%	96%	98%	97%	100%				97%	



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



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	351	351	309	350	331	357	340	342	371				345	51%
Violations	304	316	337	326	337	375	359	251	329				326	49%
<b>Total:</b>	<b>655</b>	<b>667</b>	<b>646</b>	<b>676</b>	<b>668</b>	<b>732</b>	<b>699</b>	<b>593</b>	<b>700</b>				<b>671</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	124	99	108	93	109	170	141	117	188				128	39%
Controllable Non-Issued	0	0	5	1	3	0	2	5	1				3	1%
Citations	180	217	224	232	225	205	216	129	140				196	60%
<b>Total:</b>	<b>304</b>	<b>316</b>	<b>337</b>	<b>326</b>	<b>337</b>	<b>375</b>	<b>359</b>	<b>251</b>	<b>329</b>				<b>327</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	3	1	0	3	0	0	1				2	1%
Emergency Vehicle PD	0	0	0	0	0	1	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	350	351	304	346	331	353	339	341	369				343	98%
Rear Axle Activation	0	0	0	1	0	0	0	0	0				1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	0	0	0	0	0	0	0	0	0				0	0%
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	2	2	0	0	1	0	1				1	0%
<b>Total:</b>	<b>351</b>	<b>351</b>	<b>309</b>	<b>350</b>	<b>331</b>	<b>357</b>	<b>340</b>	<b>342</b>	<b>371</b>				<b>348</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	1	0	0	0	0	0	0				1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	1	0	0	0	0	0	1	0	0				1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	11	9	1	2	1	7	6	0	2				5	3%
Driver Obstructed	5	1	0	3	4	5	1	7	1				3	2%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	3	0	1	0	1	0	0	0				2	1%
Glare on Windshield	1	1	0	0	2	3	4	3	1				2	1%
Illegible Plate	0	0	0	0	0	0	0	0	1				1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	1	0	0	1	2	1	0	0	0				1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	1				1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	62	55	54	54	72	76	65	46	77				62	41%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	30	25	16	20	14	15	13	12	15				18	12%
Out of State	7	4	10	6	12	9	7	6	7				8	5%
Plate Obstructed	0	1	0	1	2	3	2	1	2				2	1%
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 Expired	0	0	0	0	0	0	1	9	44				18	12%
TSB No Hit	5	0	26	5	0	50	41	33	37				28	18%
<b>Total:</b>	<b>124</b>	<b>99</b>	<b>108</b>	<b>93</b>	<b>109</b>	<b>170</b>	<b>141</b>	<b>117</b>	<b>188</b>				<b>153</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	1	0	0	0	0				1	9%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	1	0	2	0	0	1	0				1	12%
Dark Interior	0	0	1	1	0	0	1	0	0				1	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	0	0	0	0	0	0	0	0	0				0	0%
Emergency Vehicle Issue	0	0	2	0	0	0	0	0	0				2	18%
Exposed	0	0	0	0	0	0	0	0	1				1	9%
Equipment Malfunction	0	0	0	0	0	0	0	4	0				4	35%
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	1	0	0	0	1	0	0				1	9%
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>5</b>	<b>1</b>	<b>3</b>	<b>0</b>	<b>2</b>	<b>5</b>	<b>1</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	10	10	11	11	12	11	11	11	11				11	
Average Issued Red Seconds	17.1	15.0	16.8	15.3	16.7	15.8	14.8	17.2	15.7				16	
Citation / Violation Issuance Rate	59%	69%	66%	71%	67%	55%	60%	51%	43%				60%	
Controllable Issuance Rate	100%	100%	98%	100%	99%	100%	99%	96%	99%				99%	





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

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

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