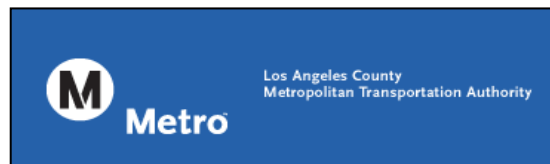




# Gold Line Monthly Report



July 2018





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### *Executive Summary*

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

In July 2018, the photo enforcement project for MTA Gold Line captured a total of 18,297 events. The project recorded 510 possible violations and 17,787 non-violations.

The LA County Sheriff's Department issued 164 citations reflecting a 32% issuance rate and a controllable issuance rate of 72%. The following controllable non-issued violations occurred for these reasons and are being addressed:

**31 Data Entry / 6 Equipment Malfunction**

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

**19 Framing of Car/3 Framing of Driver**

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

**6 Dark Interior**

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

### *In the News - Photo Enforcement Around the Country*

#### **California Deploys Cameras to Catch Carpool Cheaters**

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

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

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

No tickets or warnings are being issued, but that could change if Bay Area transportation officials are convinced that the technology is the next-generation enforcement answer to a growing number of scofflaws who, despite the risk of a heavy fine, use the region's restricted carpool lanes to shave time off their commute.

Studies by [regional transportation agencies](#) and [The Chronicle](#) have found that Bay Area carpool lanes reserved for vehicles with two or more occupants — three or more on Interstate 80 — and clean-energy cars are commonly crowded with solo drivers who have no business being there. Tickets run \$490.

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

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

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

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

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

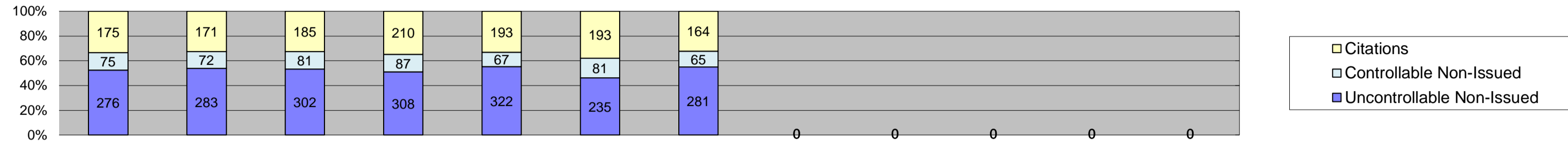
But first, Rentschler said, "We can't even have the political discussions until we prove that we can do it."

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

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



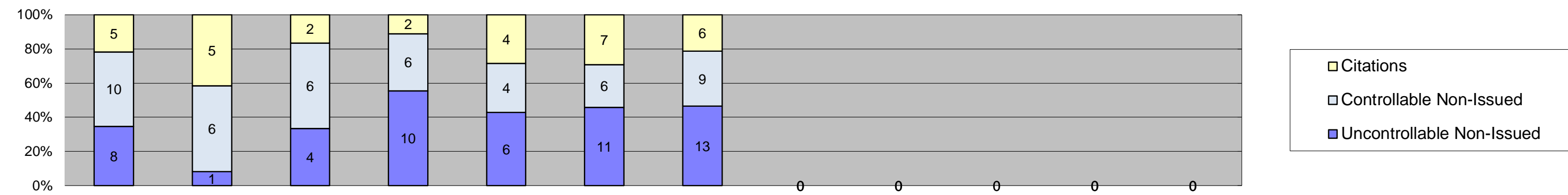
# Los Angeles County MTA Gold Line Approach Summary Report All Locations 2018



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	17,689	16,415	19,128	18,685	17,774	17,874	17,787							17,907	97%
Violations	526	526	568	605	582	509	510							547	3%
<b>Total:</b>	<b>18,215</b>	<b>16,941</b>	<b>19,696</b>	<b>19,290</b>	<b>18,356</b>	<b>18,383</b>	<b>18,297</b>							<b>18,454</b>	<b>100%</b>
<b>Violations</b>															
Uncontrollable Non-Issued	276	283	302	308	322	235	281							287	52%
Controllable Non-Issued	75	72	81	87	67	81	65							75	14%
Citations	175	171	185	210	193	193	164							184	34%
<b>Total:</b>	<b>526</b>	<b>526</b>	<b>568</b>	<b>605</b>	<b>582</b>	<b>509</b>	<b>510</b>							<b>547</b>	<b>100%</b>
<b>Non-Violations</b>															
Emergency Vehicle Non-Issuable	111	100	82	155	126	171	132							125	1%
Emergency Vehicle PD	1	1	3	3	2	5	6							3	0%
Intersection Control in Progress-PD	0	1	0	0	0	0	0							1	0%
Gate Down/ No Train	0	0	0	0	0	0	0							0	0%
No Violation Occurred	14,522	13,545	15,898	15,613	14,593	14,697	14,599							14,781	83%
Rear Axle Activation	1	0	1	0	2	0	0							1	0%
Right Turn- No Violation	0	0	0	0	0	0	0							0	0%
Test Shot	3,054	2,768	3,144	2,913	3,049	2,999	3,050							2,997	17%
Amber Time Low	0	0	0	0	0	0	0							0	0%
Vehicle Stopped- PD	0	0	0	1	2	2	0							2	0%
<b>Total:</b>	<b>17,689</b>	<b>16,415</b>	<b>19,128</b>	<b>18,685</b>	<b>17,774</b>	<b>17,874</b>	<b>17,787</b>							<b>17,910</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>															
Administrative Dismissal	0	0	0	0	0	0	0							0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0							0	0%
Car Obstructed	10	12	2	7	76	14	11							19	6%
Conditions Beyond Control	0	0	0	0	0	0	0							0	0%
Driver Identity Unclear	30	32	24	17	13	8	15							20	6%
Driver Obstructed	25	29	19	29	17	25	40							26	9%
Exposed	0	0	0	0	0	0	0							0	0%
Glare on Plate	50	65	53	51	47	44	44							51	16%
Glare on Windshield	16	18	17	27	18	12	23							19	6%
Illegible Plate	29	23	34	30	24	27	45							30	10%
Interest of Justice- PD	0	2	0	0	0	0	0							2	1%
Image Quality- PD	3	0	2	1	3	1	3							2	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0							0	0%
No Warning Sign	0	0	0	0	0	0	0							0	0%
No Plate	81	75	81	95	96	88	89							86	28%
No Speed Captured	0	0	0	0	0	0	0							0	0%
Obstruction In Photo- PD	17	11	12	16	18	10	2							12	4%
Out of State	5	6	11	11	7	5	6							7	2%
Plate Obstructed	10	10	10	9	3	1	3							7	2%
Short Yellow- PD	0	0	0	0	0	0	0							0	0%
Third Party Damage	0	0	0	0	0	0	0							0	0%
TSB Epired	0	0	0	0	0	0	0							0	0%
TSB No Hit	0	0	37	15	0	0	0							26	8%
<b>Total:</b>	<b>276</b>	<b>283</b>	<b>302</b>	<b>308</b>	<b>322</b>	<b>235</b>	<b>281</b>							<b>307</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>															
Cnduent Expire	0	0	0	0	0	0	0							0	0%
Clarity of Plate	0	0	0	0	0	0	0							0	0%
Clarity of Driver	0	0	0	0	0	0	0							0	0%
Dark Interior	16	15	19	15	26	25	6							17	22%
Data Box Related- PD	0	0	0	0	0	0	0							0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0							0	0%
Data Entry Error	44	38	42	41	24	30	31							36	46%
Emergency Vehicle Issue	0	0	0	0	0	1	0							1	1%
Exposed	0	0	0	0	0	0	0							0	0%
Equipment Malfunction	2	1	3	2	1	3	6							3	3%
Framing- PD	0	0	0	0	0	0	0							0	0%
Framing of Car	10	15	15	27	15	18	19							17	22%
Framing of Driver	1	0	0	0	0	1	3							2	2%
Operator Error	0	0	0	0	0	0	0							0	0%
Framing of Plate	0	1	1	0	0	0	0							1	1%
Reject Expired	0	0	0	0	0	0	0							0	0%
Speed Not Determined	2	2	1	2	1	3	0							2	2%
<b>Total:</b>	<b>75</b>	<b>72</b>	<b>81</b>	<b>87</b>	<b>67</b>	<b>81</b>	<b>65</b>							<b>78</b>	<b>100%</b>
<b>Summary Metrics</b>															
Daily Average Vehicle Passes	0	0	0	0	0	0	0							0	
Average Issued Speed	17	17	18	17	18	17	18							17	
Average Issued Red Seconds	144.2	103.4	185.3	121.8	227.3	130.0	159.1							153.0	
Citation / Violation Issuance Rate	33%	33%	33%	35%	33%	38%	32%							34%	
Controllable Issuance Rate	70%	70%	70%	71%	74%	70%	72%							71%	



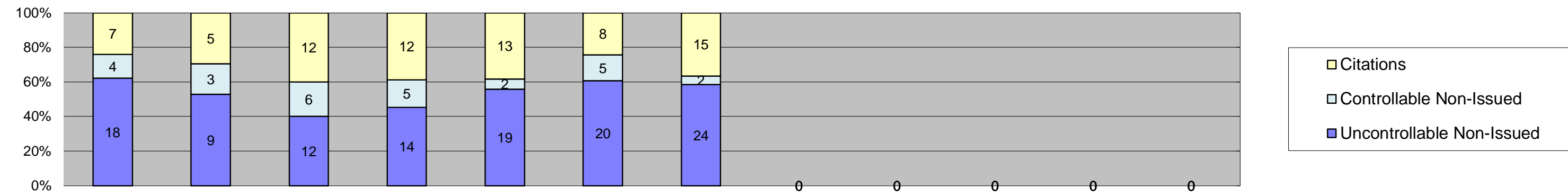
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4007: EB to NB 3rd @ Civic Center



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	3,165	2,870	3,370	3,119	3,484	3,462	3,859						3,333	99%
Violations	23	12	12	18	14	24	28						19	1%
<b>Total:</b>	<b>3,188</b>	<b>2,882</b>	<b>3,382</b>	<b>3,137</b>	<b>3,498</b>	<b>3,486</b>	<b>3,887</b>						<b>3,351</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	8	1	4	10	6	11	13						8	40%
Controllable Non-Issued	10	6	6	6	4	6	9						7	36%
Citations	5	5	2	2	4	7	6						4	24%
<b>Total:</b>	<b>23</b>	<b>12</b>	<b>12</b>	<b>18</b>	<b>14</b>	<b>24</b>	<b>28</b>						<b>19</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	2	0	0	3	4	1						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	3,025	2,730	3,210	2,975	3,332	3,305	3,700						3,182	95%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	139	138	160	144	149	153	158						149	4%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>3,165</b>	<b>2,870</b>	<b>3,370</b>	<b>3,119</b>	<b>3,484</b>	<b>3,462</b>	<b>3,859</b>						<b>3,333</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	0	0	0	0	2						2	16%
Driver Obstructed	1	0	0	2	0	0	1						1	11%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	3	0	2	5	2	5	3						3	27%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	2	0	2	1	1	5	3						2	19%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	1	0	2	1	1	4						2	14%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	0	0	2	0	0						2	12%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>8</b>	<b>1</b>	<b>4</b>	<b>10</b>	<b>6</b>	<b>11</b>	<b>13</b>						<b>12</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	10	6	6	5	4	6	8						6	76%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	12%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	1	0	0	0						1	12%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>10</b>	<b>6</b>	<b>6</b>	<b>6</b>	<b>4</b>	<b>6</b>	<b>9</b>						<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	18	19	15	17	16						17	
Average Issued Red Seconds	51.1	114.0	57.6	249.2	265.1	79.6	306.3						160	
Citation / Violation Issuance Rate	22%	42%	17%	11%	29%	29%	21%						24%	
Controllable Issuance Rate	33%	45%	25%	25%	50%	54%	40%						39%	



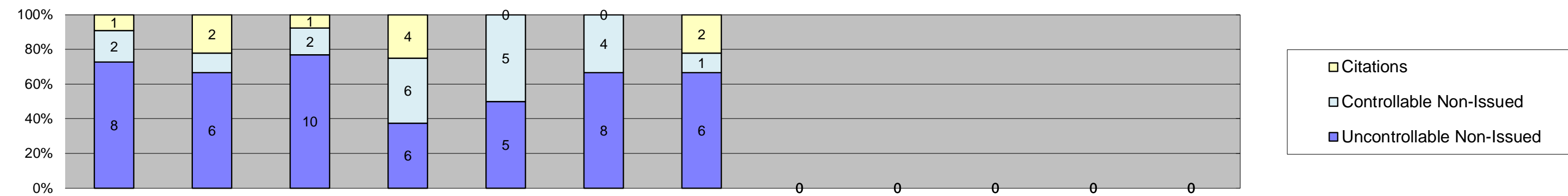
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4009: WB to SB 3rd @ La Verne



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	578	469	581	545	525	517	528						535	95%
Violations	29	17	30	31	34	33	41						31	5%
<b>Total:</b>	<b>607</b>	<b>486</b>	<b>611</b>	<b>576</b>	<b>559</b>	<b>550</b>	<b>569</b>						<b>565</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	18	9	12	14	19	20	24						17	54%
Controllable Non-Issued	4	3	6	5	2	5	2						4	13%
Citations	7	5	12	12	13	8	15						10	33%
<b>Total:</b>	<b>29</b>	<b>17</b>	<b>30</b>	<b>31</b>	<b>34</b>	<b>33</b>	<b>41</b>						<b>31</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	39	41	33	45	54	69	40						46	9%
Emergency Vehicle PD	0	0	0	0	1	3	1						2	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	393	306	410	360	335	315	352						353	66%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	146	122	138	140	135	130	135						135	25%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>578</b>	<b>469</b>	<b>581</b>	<b>545</b>	<b>525</b>	<b>517</b>	<b>528</b>						<b>536</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	1	0	3						2	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	1	0	1	2	1	0						1	6%
Driver Obstructed	1	1	1	0	0	2	3						2	6%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	1	0	2	6	3						3	10%
Glare on Windshield	2	0	2	2	3	1	1						2	7%
Illegible Plate	1	0	1	0	2	1	8						3	10%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	1						1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	9	3	5	4	7	9	4						6	23%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	3	1	0	2	2	0	1						2	7%
Out of State	0	1	0	1	0	0	0						1	4%
Plate Obstructed	0	1	0	1	0	0	0						1	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	2	3	0	0	0						3	10%
<b>Total:</b>	<b>18</b>	<b>9</b>	<b>12</b>	<b>14</b>	<b>19</b>	<b>20</b>	<b>24</b>						<b>25</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	2	0	0	1	3	0						2	23%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	3	0	4	4	0	1	2						3	32%
Emergency Vehicle Issue	0	0	0	0	0	1	0						1	11%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	1	0	0	0	0	0						1	11%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	0	1	1	1	0	0						1	11%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	1	0	0	0	0						1	11%
<b>Total:</b>	<b>4</b>	<b>3</b>	<b>6</b>	<b>5</b>	<b>2</b>	<b>5</b>	<b>2</b>						<b>9</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	17	17	17	16	16	17						17	
Average Issued Red Seconds	134.6	99.4	172.5	96.2	148.8	158.5	77.5						127	
Citation / Violation Issuance Rate	24%	29%	40%	39%	38%	24%	37%						33%	
Controllable Issuance Rate	64%	63%	67%	71%	87%	62%	88%						71%	



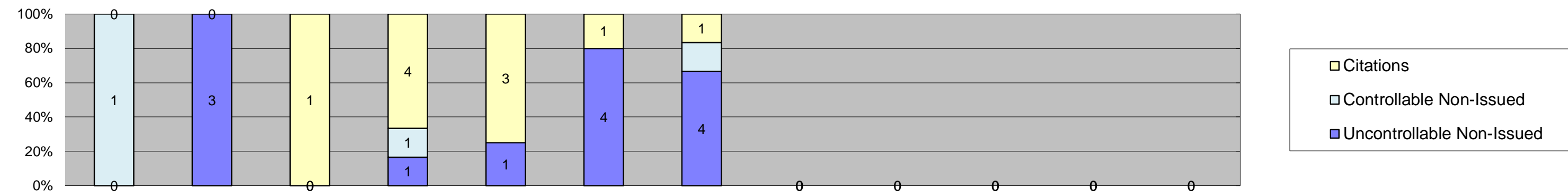
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4017: EB to NB 3rd @ Mednik



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	381	330	398	381	364	334	378						367	97%
Violations	11	9	13	16	10	12	9						11	3%
<b>Total:</b>	<b>392</b>	<b>339</b>	<b>411</b>	<b>397</b>	<b>374</b>	<b>346</b>	<b>387</b>						<b>378</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	8	6	10	6	5	8	6						7	58%
Controllable Non-Issued	2	1	2	6	5	4	1						3	25%
Citations	1	2	1	4	0	0	2						2	17%
<b>Total:</b>	<b>11</b>	<b>9</b>	<b>13</b>	<b>16</b>	<b>10</b>	<b>12</b>	<b>9</b>						<b>12</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	2	7	6	4	5	3						4	1%
Emergency Vehicle PD	0	0	0	1	0	0	0						1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	256	221	246	247	232	210	243						236	64%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	121	107	145	127	128	119	132						126	34%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>381</b>	<b>330</b>	<b>398</b>	<b>381</b>	<b>364</b>	<b>334</b>	<b>378</b>						<b>367</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	1	0	1	0						1	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	2	2	1	0	1	2						2	14%
Driver Obstructed	1	1	4	2	1	2	2						2	16%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	2	2	0	1	2	1	0						2	14%
Illegible Plate	1	0	0	0	0	1	0						1	8%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	1	3	0	1	2	2						2	14%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	1	1	0	0	0						1	8%
Out of State	1	0	0	0	0	0	0						1	8%
Plate Obstructed	0	0	0	0	1	0	0						1	8%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>8</b>	<b>6</b>	<b>10</b>	<b>6</b>	<b>5</b>	<b>8</b>	<b>6</b>						<b>12</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	2	0	2	2	3	2	1						2	32%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	2	1	0	0						2	24%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	2	1	2	0						2	27%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	0	0	0	0	0						1	16%
<b>Total:</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>5</b>	<b>4</b>	<b>1</b>						<b>6</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	24	22	22	21	18	16	23						21	
Average Issued Red Seconds	24.6	136.6	244.2	224.5	696.4	78.9	70.3						211	
Citation / Violation Issuance Rate	9%	22%	8%	25%	0%	0%	22%						17%	
Controllable Issuance Rate	33%	67%	33%	40%	0%	0%	67%						48%	



Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4019: WB to SB 3rd @ Mednik

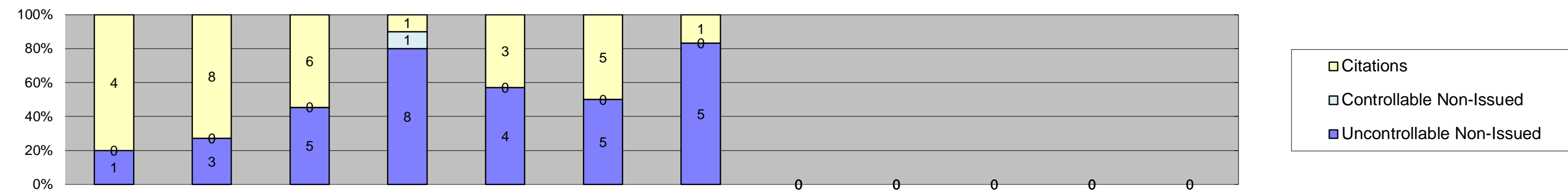


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	512	423	498	442	464	483	434						465	99%
Violations	1	3	1	6	4	5	6						4	1%
<b>Total:</b>	<b>513</b>	<b>426</b>	<b>499</b>	<b>448</b>	<b>468</b>	<b>488</b>	<b>440</b>						<b>469</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	0	3	0	1	1	4	4						3	46%
Controllable Non-Issued	1	0	0	1	0	0	1						1	18%
Citations	0	0	1	4	3	1	1						2	36%
<b>Total:</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>6</b>						<b>6</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	12	9	10	10	11	12	19						12	3%
Emergency Vehicle PD	0	0	0	0	0	0	2						2	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	381	310	361	312	321	351	293						333	71%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	119	104	127	120	132	120	120						120	26%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>512</b>	<b>423</b>	<b>498</b>	<b>442</b>	<b>464</b>	<b>483</b>	<b>434</b>						<b>467</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	1	0						1	12%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	1	0	0	0	0	0						1	12%
Driver Obstructed	0	1	0	0	1	3	0						2	20%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	2						2	24%
Glare on Windshield	0	0	0	1	0	0	2						2	18%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	1	0	0	0	0	0						1	12%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>4</b>						<b>8</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	0	0	1	0	0	0						1	50%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	50%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1</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>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	20	18	16	23	18	22	17						19	
Average Issued Red Seconds	582.5	452.6	111.4	260.8	156.4	0.2	272.6						262	
Citation / Violation Issuance Rate	0%	0%	100%	67%	100%	100%	17%						56%	
Controllable Issuance Rate	0%	0%	100%	80%	100%	100%	50%						86%	





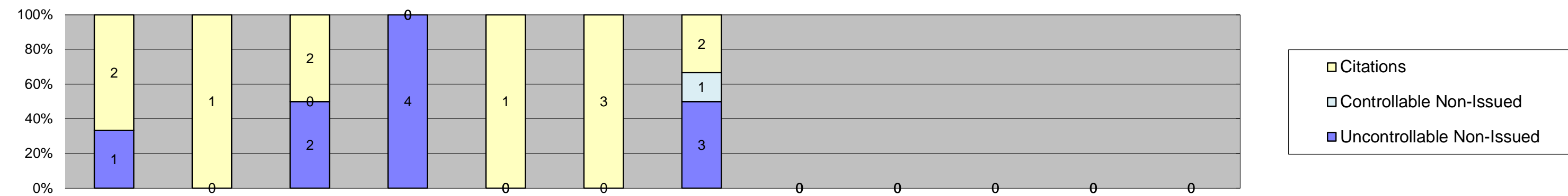
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4027: EB to NB 3rd @ Arizona



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	291	290	271	310	295	339	318						302	97%
Violations	5	11	11	10	7	10	6						9	3%
<b>Total:</b>	<b>296</b>	<b>301</b>	<b>282</b>	<b>320</b>	<b>302</b>	<b>349</b>	<b>324</b>						<b>311</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	1	3	5	8	4	5	5						4	47%
Controllable Non-Issued	0	0	0	1	0	0	0						1	11%
Citations	4	8	6	1	3	5	1						4	42%
<b>Total:</b>	<b>5</b>	<b>11</b>	<b>11</b>	<b>10</b>	<b>7</b>	<b>10</b>	<b>6</b>						<b>9</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	0						2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	171	184	153	193	176	214	205						185	61%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	118	106	118	117	119	125	113						117	38%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>291</b>	<b>290</b>	<b>271</b>	<b>310</b>	<b>295</b>	<b>339</b>	<b>318</b>						<b>304</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	1	4	2	3	1	0						2	20%
Driver Obstructed	0	0	0	1	0	0	0						1	9%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	1	0	0	0	0	0	0						1	9%
Illegible Plate	0	0	0	0	1	0	0						1	9%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	1	1	4	0	3	5						3	25%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	0	0	1	0						1	9%
Plate Obstructed	0	1	0	0	0	0	0						1	9%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	1	0	0	0						1	9%
<b>Total:</b>	<b>1</b>	<b>3</b>	<b>5</b>	<b>8</b>	<b>4</b>	<b>5</b>	<b>5</b>						<b>11</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	1	0	0	0						1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>						<b>1</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	17	16	17	19	17	14						17	
Average Issued Red Seconds	83.0	60.2	231.6	346.6	37.3	92.6	17.2						124	
Citation / Violation Issuance Rate	80%	73%	55%	10%	43%	50%	17%						47%	
Controllable Issuance Rate	100%	100%	100%	50%	100%	100%	100%						93%	



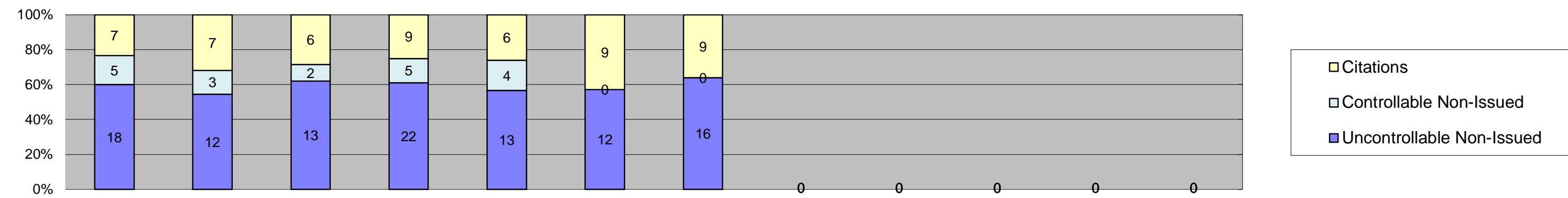
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4029: WB to SB 3rd @ Arizona



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	232	197	236	225	252	249	241						233	99%
Violations	3	1	4	4	1	3	6						3	1%
<b>Total:</b>	<b>235</b>	<b>198</b>	<b>240</b>	<b>229</b>	<b>253</b>	<b>252</b>	<b>247</b>						<b>236</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	1	0	2	4	0	0	3						3	47%
Controllable Non-Issued	0	0	0	0	0	0	1						1	19%
Citations	2	1	2	0	1	3	2						2	34%
<b>Total:</b>	<b>3</b>	<b>1</b>	<b>4</b>	<b>4</b>	<b>1</b>	<b>3</b>	<b>6</b>						<b>5</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	0	0	4	5	5	3						4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	109	89	112	106	128	131	112						112	48%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	122	108	124	115	119	113	126						118	50%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>232</b>	<b>197</b>	<b>236</b>	<b>225</b>	<b>252</b>	<b>249</b>	<b>241</b>						<b>234</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	0	1	0	0	0						1	14%
Driver Obstructed	0	0	0	0	0	0	1						1	14%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	1	0	0	0						1	14%
Glare on Windshield	0	0	0	0	0	0	1						1	14%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	0	1	2	0	0	1						1	18%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	1	0	0	0	0						1	14%
Plate Obstructed	1	0	0	0	0	0	0						1	14%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>4</b>	<b>0</b>	<b>0</b>	<b>3</b>						<b>7</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	1						1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>						<b>1</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	15	15	16	18	15	18						16	
Average Issued Red Seconds	281.9	35.8	239.7	180.2	1023.9	215.1	202.5						311	
Citation / Violation Issuance Rate	67%	100%	50%	0%	100%	100%	33%						75%	
Controllable Issuance Rate	100%	100%	100%	0%	100%	100%	67%						94%	



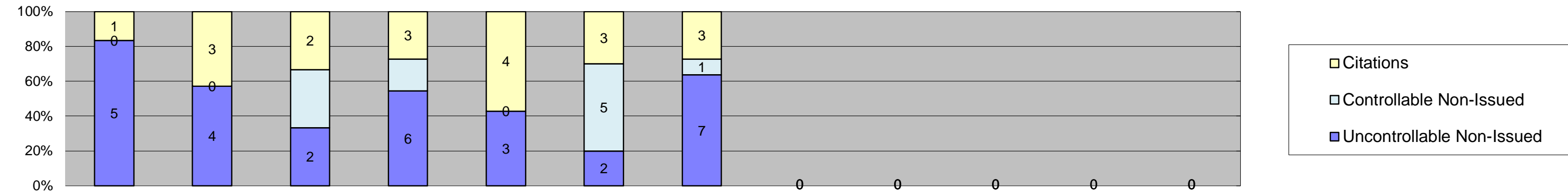
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4037: EB to NB 3rd @ McDonnell



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	646	513	594	583	531	557	536						566	96%
Violations	30	22	21	36	23	21	25						25	4%
<b>Total:</b>	<b>676</b>	<b>535</b>	<b>615</b>	<b>619</b>	<b>554</b>	<b>578</b>	<b>561</b>						<b>591</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	18	12	13	22	13	12	16						15	57%
Controllable Non-Issued	5	3	2	5	4	0	0						4	14%
Citations	7	7	6	9	6	9	9						8	29%
<b>Total:</b>	<b>30</b>	<b>22</b>	<b>21</b>	<b>36</b>	<b>23</b>	<b>21</b>	<b>25</b>						<b>27</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	2	1	0	0	0	3						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	433	364	426	421	365	384	362						394	69%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	210	147	167	162	166	173	171						171	30%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>646</b>	<b>513</b>	<b>594</b>	<b>583</b>	<b>531</b>	<b>557</b>	<b>536</b>						<b>567</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	3	0	0	0	0	0	1						2	9%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	1	2	2	0	1	0						2	7%
Driver Obstructed	0	0	0	0	0	1	0						1	4%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	3	1	0	0	0						2	7%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	3	3	3	9	4	6	6						5	21%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	1						1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	8	6	2	6	8	2	7						6	25%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	0	2	1	1	1	0						1	6%
Out of State	0	0	0	1	0	1	1						1	4%
Plate Obstructed	0	1	0	0	0	0	0						1	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	1	2	0	0	0						2	7%
<b>Total:</b>	<b>18</b>	<b>12</b>	<b>13</b>	<b>22</b>	<b>13</b>	<b>12</b>	<b>16</b>						<b>23</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	2	0	1	3	0	0						2	26%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	5	0	2	4	0	0	0						4	48%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	1	0	0	0	0	0						1	13%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	1	0	0						1	13%
<b>Total:</b>	<b>5</b>	<b>3</b>	<b>2</b>	<b>5</b>	<b>4</b>	<b>0</b>	<b>0</b>						<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	15	18	17	16	15						16	
Average Issued Red Seconds	95.7	69.9	117.8	68.8	48.3	114.5	197.6						102	
Citation / Violation Issuance Rate	23%	32%	29%	25%	26%	43%	36%						31%	
Controllable Issuance Rate	58%	70%	75%	64%	60%	100%	100%						75%	



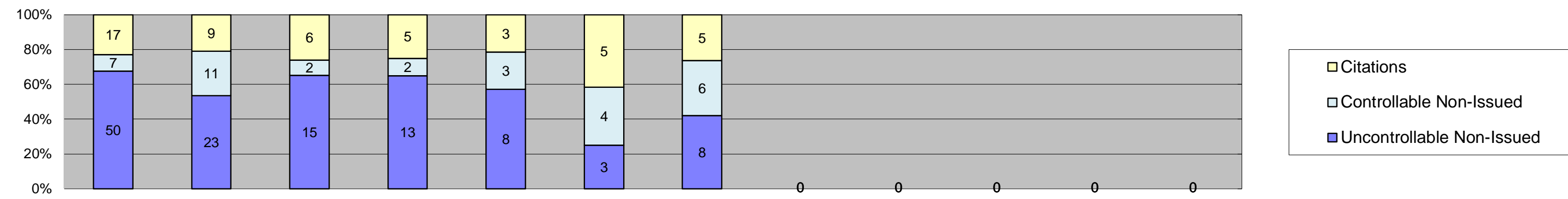
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4039: WB to SB 3rd @ McDonnell



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	444	333	427	414	419	406	425						410	98%
Violations	6	7	6	11	7	10	11						8	2%
<b>Total:</b>	<b>450</b>	<b>340</b>	<b>433</b>	<b>425</b>	<b>426</b>	<b>416</b>	<b>436</b>						<b>418</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	5	4	2	6	3	2	7						4	44%
Controllable Non-Issued	0	0	2	2	0	5	1						3	27%
Citations	1	3	2	3	4	3	3						3	29%
<b>Total:</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>11</b>	<b>7</b>	<b>10</b>	<b>11</b>						<b>9</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	2	3	10	2	16	3						5	1%
Emergency Vehicle PD	0	0	0	1	0	1	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	310	219	293	276	286	259	276						274	67%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	132	112	131	127	131	130	146						130	32%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>444</b>	<b>333</b>	<b>427</b>	<b>414</b>	<b>419</b>	<b>406</b>	<b>425</b>						<b>410</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	0	0	0	0						1	10%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	0	0	0	1	0	0						2	15%
Driver Obstructed	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	1	3	1	2	2						2	17%
Glare on Windshield	0	1	0	0	0	0	0						1	10%
Illegible Plate	1	0	0	1	0	0	2						1	13%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	1	0	0	0	0	0	0						1	10%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	0	1	2	1	0	3						2	16%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	1	0	0	0	0	0						1	10%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>5</b>	<b>4</b>	<b>2</b>	<b>6</b>	<b>3</b>	<b>2</b>	<b>7</b>						<b>10</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	1	0	1	0						1	21%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	2	0	0	2	1						2	36%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	1	0	1	0						1	21%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	21%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>1</b>						<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	16	0	17	19	18						17	
Average Issued Red Seconds	65.2	248.9	36.1	0.0	397.7	238.4	518.8						251	
Citation / Violation Issuance Rate	17%	43%	33%	27%	57%	30%	27%						34%	
Controllable Issuance Rate	100%	100%	50%	60%	100%	38%	75%						75%	



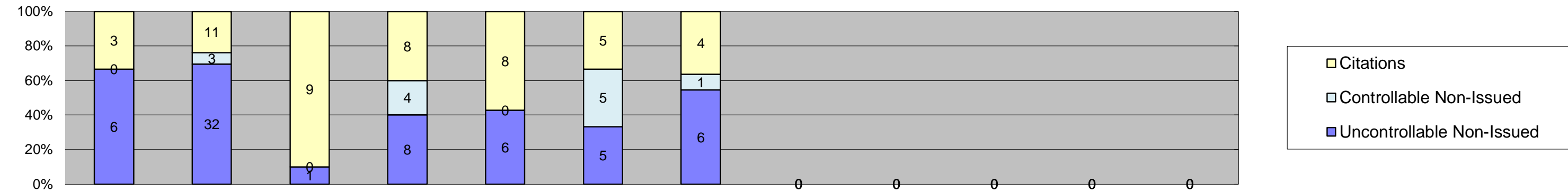
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4047: EB to NB 3rd @ Ford



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	926	689	742	860	832	678	646						768	96%
Violations	74	43	23	20	14	12	19						29	4%
<b>Total:</b>	<b>1,000</b>	<b>732</b>	<b>765</b>	<b>880</b>	<b>846</b>	<b>690</b>	<b>665</b>						<b>797</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	50	23	15	13	8	3	8						17	59%
Controllable Non-Issued	7	11	2	2	3	4	6						5	17%
Citations	17	9	6	5	3	5	5						7	24%
<b>Total:</b>	<b>74</b>	<b>43</b>	<b>23</b>	<b>20</b>	<b>14</b>	<b>12</b>	<b>19</b>						<b>29</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	3	0	0	4	4	2	0						3	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	786	552	620	728	697	541	507						633	82%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	137	137	122	128	131	135	139						133	17%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>926</b>	<b>689</b>	<b>742</b>	<b>860</b>	<b>832</b>	<b>678</b>	<b>646</b>						<b>769</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	1	1	1	0						1	4%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	7	3	0	0	1	0	0						4	14%
Driver Obstructed	7	1	2	3	1	0	3						3	11%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	5	3	2	1	1	1	1						2	7%
Glare on Windshield	4	4	3	2	0	0	0						3	12%
Illegible Plate	8	5	4	4	0	0	2						5	17%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	15	4	2	1	3	0	1						4	16%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	2	1	0	0	1	0						2	6%
Out of State	0	0	0	0	1	0	0						1	4%
Plate Obstructed	2	0	0	0	0	0	1						2	6%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	1	1	0	0	0						1	4%
<b>Total:</b>	<b>50</b>	<b>23</b>	<b>15</b>	<b>13</b>	<b>8</b>	<b>3</b>	<b>8</b>						<b>27</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	1	0	1	1	0	0						1	13%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	7	6	0	0	1	2	4						4	51%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	4	2	1	1	1	2						2	23%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	13%
<b>Total:</b>	<b>7</b>	<b>11</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>						<b>8</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	18	18	15	18	19	17						17	
Average Issued Red Seconds	100.9	103.9	404.6	68.2	110.1	38.5	24.4						122	
Citation / Violation Issuance Rate	23%	21%	26%	25%	21%	42%	26%						26%	
Controllable Issuance Rate	71%	45%	75%	71%	50%	56%	45%						59%	



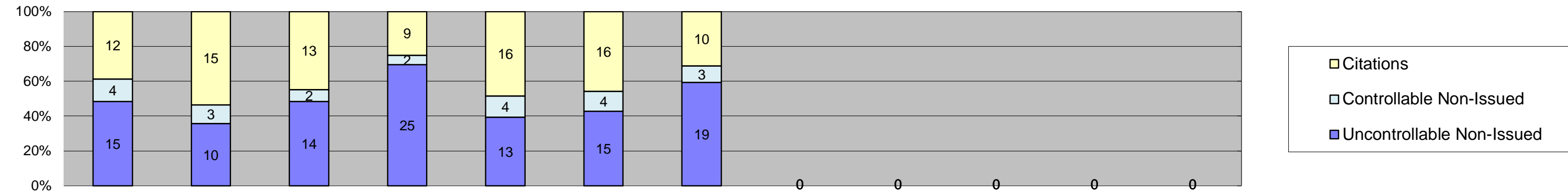
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4049: WB to SB 3rd @ Ford



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	243	343	260	271	279	273	274						278	94%
Violations	9	46	10	20	14	15	11						18	6%
<b>Total:</b>	<b>252</b>	<b>389</b>	<b>270</b>	<b>291</b>	<b>293</b>	<b>288</b>	<b>285</b>						<b>295</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	6	32	1	8	6	5	6						9	47%
Controllable Non-Issued	0	3	0	4	0	5	1						3	17%
Citations	3	11	9	8	8	5	4						7	36%
<b>Total:</b>	<b>9</b>	<b>46</b>	<b>10</b>	<b>20</b>	<b>14</b>	<b>15</b>	<b>11</b>						<b>19</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	5	2	1	14	10	11	3						7	2%
Emergency Vehicle PD	1	1	0	0	0	0	0						1	0%
Intersection Control in Progress- PD	0	1	0	0	0	0	0						1	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	118	215	124	141	148	147	148						149	53%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	119	124	135	116	121	115	123						122	44%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>243</b>	<b>343</b>	<b>260</b>	<b>271</b>	<b>279</b>	<b>273</b>	<b>274</b>						<b>279</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	2	0	1	0	2	0						2	8%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	6	0	0	1	0	0						3	13%
Driver Obstructed	0	9	0	0	1	0	3						4	21%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	1	0						1	5%
Glare on Windshield	1	2	1	1	1	0	0						1	6%
Illegible Plate	0	5	0	1	0	0	1						2	11%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	2	6	0	4	3	2	2						3	16%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0						1	5%
Out of State	1	0	0	0	0	0	0						1	5%
Plate Obstructed	1	1	0	0	0	0	0						1	5%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	1	0	0	0						1	5%
<b>Total:</b>	<b>6</b>	<b>32</b>	<b>1</b>	<b>8</b>	<b>6</b>	<b>5</b>	<b>6</b>						<b>20</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	2	0	1	0	3	0						2	43%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	1	0	0	0	1	0						1	21%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	3	0	1	1						2	36%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>0</b>	<b>5</b>	<b>1</b>						<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	19	17	18	19	17						18	
Average Issued Red Seconds	155.0	236.5	162.7	161.1	169.4	122.4	207.4						174	
Citation / Violation Issuance Rate	33%	24%	90%	40%	57%	33%	36%						45%	
Controllable Issuance Rate	100%	79%	100%	67%	100%	50%	80%						82%	



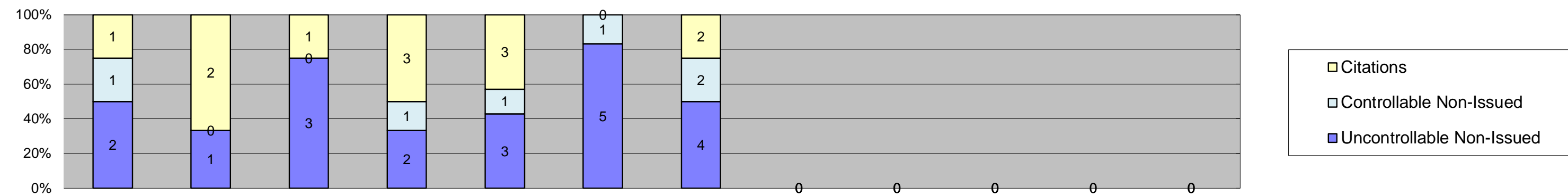
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4057: EB to NB 3rd @ Eastern



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	325	289	351	287	327	310	317						315	91%
Violations	31	28	29	36	33	35	32						32	9%
<b>Total:</b>	<b>356</b>	<b>317</b>	<b>380</b>	<b>323</b>	<b>360</b>	<b>345</b>	<b>349</b>						<b>347</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	15	10	14	25	13	15	19						16	50%
Controllable Non-Issued	4	3	2	2	4	4	3						3	10%
Citations	12	15	13	9	16	16	10						13	41%
<b>Total:</b>	<b>31</b>	<b>28</b>	<b>29</b>	<b>36</b>	<b>33</b>	<b>35</b>	<b>32</b>						<b>32</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	3	4	0	3	5	1						3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	204	170	220	171	198	183	192						191	61%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	120	116	127	116	126	122	124						122	39%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>325</b>	<b>289</b>	<b>351</b>	<b>287</b>	<b>327</b>	<b>310</b>	<b>317</b>						<b>316</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	1	0	0	0	2	0						1	6%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	0	1	0	1	1						1	4%
Driver Obstructed	1	3	2	4	2	4	4						3	12%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	4	2	0	0						3	13%
Glare on Windshield	1	0	0	2	1	1	4						2	8%
Illegible Plate	1	1	1	1	0	0	0						1	4%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	7	4	5	12	6	6	10						7	30%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	0	0	0	1	1	0						1	6%
Out of State	0	0	1	0	1	0	0						1	4%
Plate Obstructed	1	0	1	0	0	0	0						1	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	4	1	0	0	0						3	10%
<b>Total:</b>	<b>15</b>	<b>10</b>	<b>14</b>	<b>25</b>	<b>13</b>	<b>15</b>	<b>19</b>						<b>24</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	2	1	0	0	3	1	1						2	36%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	2	1	1	1	1	2						1	30%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	0	1	1	0	2	0						2	34%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>3</b>						<b>4</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	22	22	22	19	22	22	23						22	
Average Issued Red Seconds	54.4	31.5	5.2	68.2	5.7	10.4	70.0						35	
Citation / Violation Issuance Rate	39%	54%	45%	25%	48%	46%	31%						41%	
Controllable Issuance Rate	75%	83%	87%	82%	80%	80%	77%						81%	



Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4059: WB to SB 3rd @ Eastern

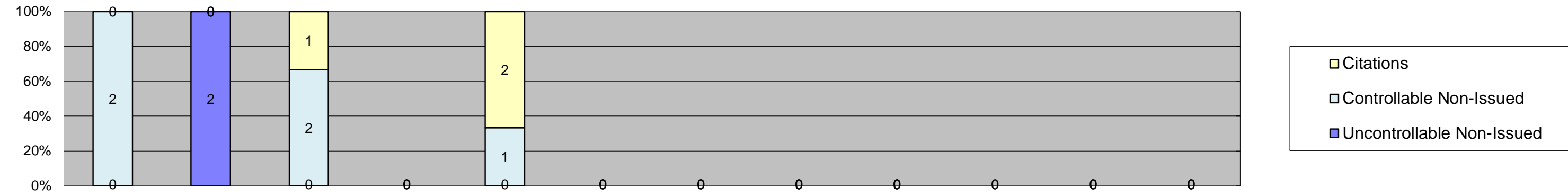


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	286	254	304	309	307	294	301						294	98%
Violations	4	3	4	6	7	6	8						5	2%
<b>Total:</b>	<b>290</b>	<b>257</b>	<b>308</b>	<b>315</b>	<b>314</b>	<b>300</b>	<b>309</b>						<b>299</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	2	1	3	2	3	5	4						3	47%
Controllable Non-Issued	1	0	0	1	1	1	2						1	20%
Citations	1	2	1	3	3	0	2						2	33%
<b>Total:</b>	<b>4</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>7</b>	<b>6</b>	<b>8</b>						<b>6</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	17	9	12	30	9	19	14						16	5%
Emergency Vehicle PD	0	0	2	0	1	1	3						2	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	149	136	166	161	177	162	161						159	54%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	120	109	124	118	120	112	123						118	40%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>286</b>	<b>254</b>	<b>304</b>	<b>309</b>	<b>307</b>	<b>294</b>	<b>301</b>						<b>294</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	0	0	0	0	1						1	13%
Driver Obstructed	1	0	1	1	1	2	2						1	17%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	1	2	1						1	17%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	1	0	0	0	0	0	0						1	13%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	1	1	1	0	1	0						1	13%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	0	1	0	0						1	13%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	1	0	0	0	0						1	13%
<b>Total:</b>	<b>2</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>5</b>	<b>4</b>						<b>8</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	1	1	0	2						1	57%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	0	0	0	0	1	0						1	43%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>2</b>						<b>2</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	21	23	17	18	20	18	18						19	
Average Issued Red Seconds	632.3	116.3	653.5	194.9	489.8	374.3	221.7						383	
Citation / Violation Issuance Rate	25%	67%	25%	50%	43%	0%	25%						39%	
Controllable Issuance Rate	50%	100%	100%	75%	75%	0%	50%						75%	





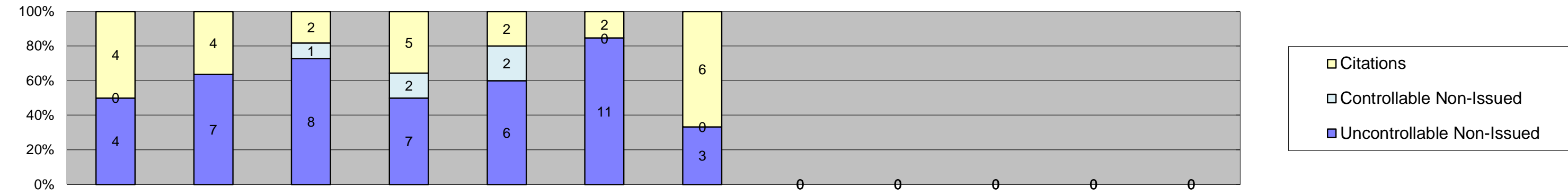
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4069: WB to SB 3rd @ Downey



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	330	315	363	338	505	364	333						364	99%
Violations	2	2	3	0	3	0	0						3	1%
<b>Total:</b>	<b>332</b>	<b>317</b>	<b>366</b>	<b>338</b>	<b>508</b>	<b>364</b>	<b>333</b>						<b>367</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	0	2	0	0	0	0	0						2	39%
Controllable Non-Issued	2	0	2	0	1	0	0						2	32%
Citations	0	0	1	0	2	0	0						2	29%
<b>Total:</b>	<b>2</b>	<b>2</b>	<b>3</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>0</b>						<b>5</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	1	3	3	7	5	5						4	1%
Emergency Vehicle PD	0	0	1	0	0	0	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	202	199	232	218	367	234	199						236	65%
Rear Axle Activation	0	0	1	0	1	0	0						1	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	126	115	126	117	130	125	129						124	34%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>330</b>	<b>315</b>	<b>363</b>	<b>338</b>	<b>505</b>	<b>364</b>	<b>333</b>						<b>366</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	0						0	0%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	1	0	0	0	0	0						1	50%
Driver Obstructed	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	1	0	0	0	0	0						1	50%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>						<b>2</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	0	2	0	1	0	0						1	57%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	0						1	43%
<b>Total:</b>	<b>2</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</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	
Average Issued Speed	0	18	16	0	23	0	22						20	
Average Issued Red Seconds	0.0	18.7	9.1	0.0	150.5	0.0	533.1						178	
Citation / Violation Issuance Rate	0%	0%	33%	0%	67%	0%	0%						50%	
Controllable Issuance Rate	0%	0%	33%	0%	67%	0%	0%						50%	



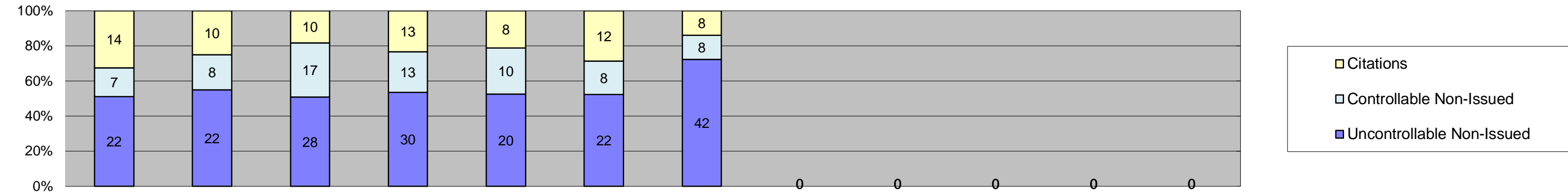
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4077: EB to NB 3rd @ Gage



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	212	232	232	243	248	210	221						228	95%
Violations	8	11	11	14	10	13	9						11	5%
<b>Total:</b>	<b>220</b>	<b>243</b>	<b>243</b>	<b>257</b>	<b>258</b>	<b>223</b>	<b>230</b>						<b>239</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	4	7	8	7	6	11	3						7	56%
Controllable Non-Issued	0	0	1	2	2	0	0						2	14%
Citations	4	4	2	5	2	2	6						4	30%
<b>Total:</b>	<b>8</b>	<b>11</b>	<b>11</b>	<b>14</b>	<b>10</b>	<b>13</b>	<b>9</b>						<b>12</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	1	0	0	1						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	87	106	97	121	122	91	104						104	45%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	125	126	135	121	126	119	116						124	54%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>212</b>	<b>232</b>	<b>232</b>	<b>243</b>	<b>248</b>	<b>210</b>	<b>221</b>						<b>229</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	1	0						1	7%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	0	2	0	0	0						1	10%
Driver Obstructed	0	0	1	1	0	0	0						1	7%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	4	4	0	2	6	2						4	26%
Glare on Windshield	0	0	0	0	0	1	0						1	7%
Illegible Plate	1	0	0	2	0	1	0						1	10%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	1	0	1	0	0						1	7%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	2	1	2	3	0	1						2	12%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0						1	7%
Out of State	0	0	1	0	0	1	0						1	7%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Expired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>4</b>	<b>7</b>	<b>8</b>	<b>7</b>	<b>6</b>	<b>11</b>	<b>3</b>						<b>14</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	1	0	0						1	33%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	1	1	1	0	0						1	33%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	1	0	0	0						1	33%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>2</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	
Average Issued Speed	18	17	21	18	15	20	16						18	
Average Issued Red Seconds	34.5	0.3	0.5	2.8	115.3	159.3	37.5						50	
Citation / Violation Issuance Rate	50%	36%	18%	36%	20%	15%	67%						35%	
Controllable Issuance Rate	100%	100%	67%	71%	50%	100%	100%						84%	



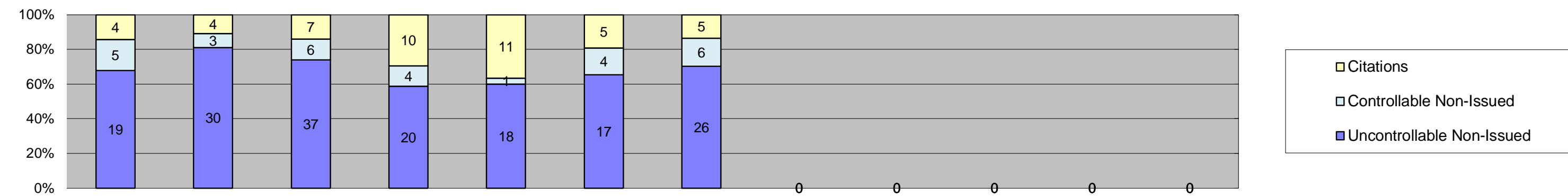
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4079: WB to SB 3rd @ Gage



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	453	397	451	424	433	455	435						435	90%
Violations	43	40	55	56	38	42	58						47	10%
<b>Total:</b>	<b>496</b>	<b>437</b>	<b>506</b>	<b>480</b>	<b>471</b>	<b>497</b>	<b>493</b>						<b>483</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	22	22	28	30	20	22	42						27	56%
Controllable Non-Issued	7	8	17	13	10	8	8						10	21%
Citations	14	10	10	13	8	12	8						11	23%
<b>Total:</b>	<b>43</b>	<b>40</b>	<b>55</b>	<b>56</b>	<b>38</b>	<b>42</b>	<b>58</b>						<b>47</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	7	0	10	2	4	2						5	1%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	333	282	331	295	307	320	310						311	71%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	116	108	120	119	124	130	123						120	27%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0						1	0%
<b>Total:</b>	<b>453</b>	<b>397</b>	<b>451</b>	<b>424</b>	<b>433</b>	<b>455</b>	<b>435</b>						<b>437</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	1	1	1	0	0	2						1	4%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	6	4	4	3	2	0	2						4	11%
Driver Obstructed	3	3	3	4	5	3	8						4	13%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	2	3	0	2	7	5						3	10%
Glare on Windshield	3	3	3	6	3	3	10						4	14%
Illegible Plate	0	0	0	0	1	0	2						2	5%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	5	5	5	11	7	6	9						7	21%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	2	4	3	3	0	3	1						3	8%
Out of State	1	0	1	0	0	0	2						1	4%
Plate Obstructed	0	0	1	1	0	0	1						1	3%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	4	1	0	0	0						3	8%
<b>Total:</b>	<b>22</b>	<b>22</b>	<b>28</b>	<b>30</b>	<b>20</b>	<b>22</b>	<b>42</b>						<b>32</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	4	0	5	3	2	1	0						3	23%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	2	2	2	1	0	1						2	12%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	2	0	3	2	1	1	0						2	14%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	6	7	6	6	5	7						5	42%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	1	0						1	8%
<b>Total:</b>	<b>7</b>	<b>8</b>	<b>17</b>	<b>13</b>	<b>10</b>	<b>8</b>	<b>8</b>						<b>13</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	16	16	16	14	17	17						16	
Average Issued Red Seconds	16.0	44.8	50.9	34.2	120.4	22.3	17.5						44	
Citation / Violation Issuance Rate	33%	25%	18%	23%	21%	29%	14%						23%	
Controllable Issuance Rate	67%	56%	37%	50%	44%	60%	50%						52%	



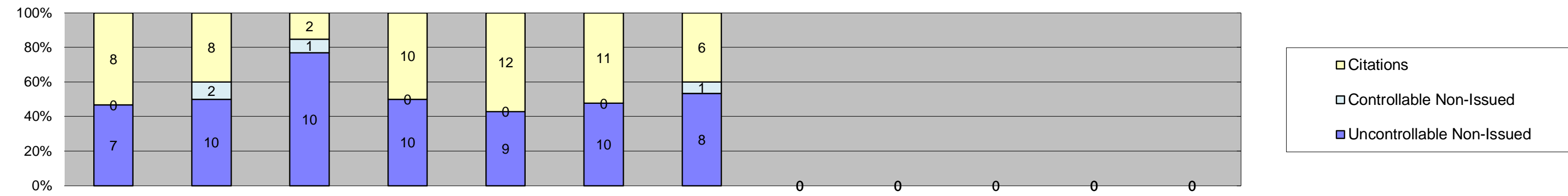
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4083: EB to NB 3rd @ Rowan



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	762	691	720	622	661	700	724						697	95%
Violations	28	37	50	34	30	26	37						35	5%
<b>Total:</b>	<b>790</b>	<b>728</b>	<b>770</b>	<b>656</b>	<b>691</b>	<b>726</b>	<b>761</b>						<b>732</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	19	30	37	20	18	17	26						24	69%
Controllable Non-Issued	5	3	6	4	1	4	6						4	12%
Citations	4	4	7	10	11	5	5						7	19%
<b>Total:</b>	<b>28</b>	<b>37</b>	<b>50</b>	<b>34</b>	<b>30</b>	<b>26</b>	<b>37</b>						<b>35</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	4	0	1	1	2	0						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	626	566	589	501	521	569	597						567	81%
Rear Axle Activation	0	0	0	0	1	0	0						1	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	135	121	131	119	138	129	127						129	18%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	1	0	0	0						1	0%
<b>Total:</b>	<b>762</b>	<b>691</b>	<b>720</b>	<b>622</b>	<b>661</b>	<b>700</b>	<b>724</b>						<b>699</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	1	0	0	0	0						1	3%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	1	0	0	0	0						1	3%
Driver Obstructed	0	0	0	0	0	0	1						1	3%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	6	17	10	8	5	2	5						8	24%
Glare on Windshield	0	0	0	1	1	0	0						1	3%
Illegible Plate	9	7	13	6	8	7	12						9	28%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	4	5	3	4	7	8						5	14%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0						1	3%
Out of State	1	0	1	1	0	1	0						1	3%
Plate Obstructed	0	2	3	1	0	0	0						2	6%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	3	0	0	0	0						3	9%
<b>Total:</b>	<b>19</b>	<b>30</b>	<b>37</b>	<b>20</b>	<b>18</b>	<b>17</b>	<b>26</b>						<b>32</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	1	0	1	1	0	1	0						1	15%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	2	2	1	1	1	1	1						1	19%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	1	0						1	15%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	1	3	2	0	1	5						2	35%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	1	0	0	0	0						1	15%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>5</b>	<b>3</b>	<b>6</b>	<b>4</b>	<b>1</b>	<b>4</b>	<b>6</b>						<b>7</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	15	17	17	16	15	15	16						16	
Average Issued Red Seconds	50.2	0.9	35.5	74.1	75.6	25.9	41.9						43	
Citation / Violation Issuance Rate	14%	11%	14%	29%	37%	19%	14%						20%	
Controllable Issuance Rate	44%	57%	54%	71%	92%	56%	45%						60%	



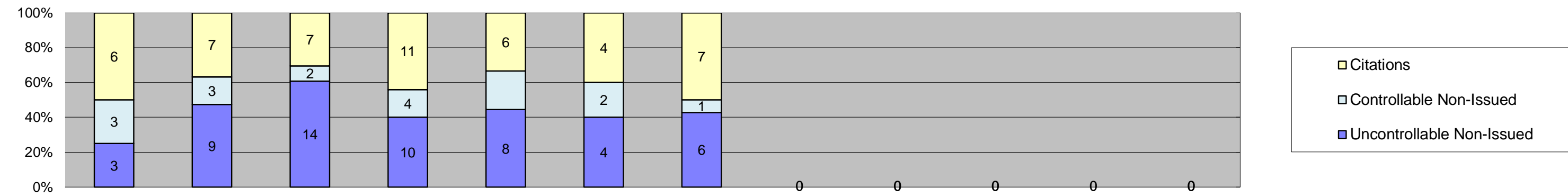
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4085: WB to SB 3rd @ Rowan



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	210	204	216	200	217	250	232						218	92%
Violations	15	20	13	20	21	21	15						18	8%
<b>Total:</b>	<b>225</b>	<b>224</b>	<b>229</b>	<b>220</b>	<b>238</b>	<b>271</b>	<b>247</b>						<b>236</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	7	10	10	10	9	10	8						9	49%
Controllable Non-Issued	0	2	1	0	0	0	1						1	7%
Citations	8	8	2	10	12	11	6						8	44%
<b>Total:</b>	<b>15</b>	<b>20</b>	<b>13</b>	<b>20</b>	<b>21</b>	<b>21</b>	<b>15</b>						<b>19</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	4	1	1	2	6	2	10						4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	89	93	90	84	89	125	104						96	44%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	117	110	125	114	122	123	118						118	54%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>210</b>	<b>204</b>	<b>216</b>	<b>200</b>	<b>217</b>	<b>250</b>	<b>232</b>						<b>218</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	0	1						1	6%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	3	0	0	1	1	0						2	10%
Driver Obstructed	2	1	0	1	0	0	2						2	9%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	4	0	1	2	2	0						2	13%
Glare on Windshield	0	0	0	0	0	0	0						0	0%
Illegible Plate	0	1	4	2	2	2	1						2	12%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	3	1	4	3	3	5	3						3	18%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0						1	6%
Out of State	0	0	0	2	0	0	0						2	12%
Plate Obstructed	0	0	0	0	0	0	1						1	6%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	2	1	0	0	0						2	9%
<b>Total:</b>	<b>7</b>	<b>10</b>	<b>10</b>	<b>10</b>	<b>9</b>	<b>10</b>	<b>8</b>						<b>17</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	1	0	0	0	1						1	33%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	0	0	0						0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	2	0	0	0	0	0						2	67%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>						<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	16	15	14	14	15	15	14						15	
Average Issued Red Seconds	25.4	28.1	53.0	30.2	13.8	40.5	23.5						31	
Citation / Violation Issuance Rate	53%	40%	15%	50%	57%	52%	40%						44%	
Controllable Issuance Rate	100%	80%	67%	100%	100%	100%	86%						90%	



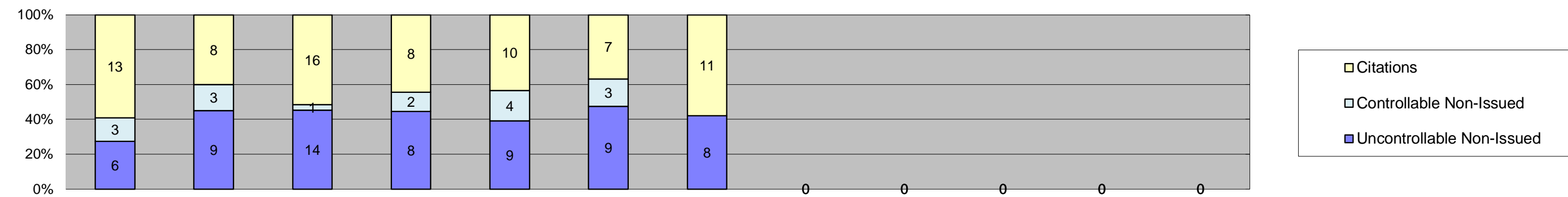
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4087: EB to NB 1st @ Lorena



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	490	459	499	502	481	483	470						483	97%
Violations	12	19	23	25	18	10	14						17	3%
<b>Total:</b>	<b>502</b>	<b>478</b>	<b>522</b>	<b>527</b>	<b>499</b>	<b>493</b>	<b>484</b>						<b>501</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	3	9	14	10	8	4	6						8	45%
Controllable Non-Issued	3	3	2	4	4	2	1						3	16%
Citations	6	7	7	11	6	4	7						7	40%
<b>Total:</b>	<b>12</b>	<b>19</b>	<b>23</b>	<b>25</b>	<b>18</b>	<b>10</b>	<b>14</b>						<b>17</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	4	0	2	0	1	2						2	0%
Emergency Vehicle PD	0	0	0	1	0	0	0						1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	352	346	361	375	350	356	345						355	73%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	136	109	138	124	130	126	123						127	26%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0						1	0%
<b>Total:</b>	<b>490</b>	<b>459</b>	<b>499</b>	<b>502</b>	<b>481</b>	<b>483</b>	<b>470</b>						<b>486</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	0	0	0	0						1	6%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	2	0	1	0	0						1	8%
Driver Obstructed	1	1	0	1	0	0	0						1	6%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	1	1	1	1	1	1	1						1	6%
Glare on Windshield	0	2	0	1	1	0	0						1	8%
Illegible Plate	0	0	0	1	0	0	0						1	6%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	1	0	1						1	6%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	2	5	4	3	2	3						3	20%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	3	1	1	1	0						2	10%
Out of State	0	0	0	0	0	0	1						1	6%
Plate Obstructed	0	1	2	0	0	0	0						2	10%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	1	1	0	0	0						1	6%
<b>Total:</b>	<b>3</b>	<b>9</b>	<b>14</b>	<b>10</b>	<b>8</b>	<b>4</b>	<b>6</b>						<b>16</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	2	1	0	1	0	0						1	25%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	1	1	1	1	0	1						1	19%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	2	0	0	2	2	2	0						2	38%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	1	0	0	0						1	19%
<b>Total:</b>	<b>3</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>4</b>	<b>2</b>	<b>1</b>						<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	23	20	18	20	19	21	19						20	
Average Issued Red Seconds	146.6	15.6	101.5	5.9	49.8	14.9	57.3						56	
Citation / Violation Issuance Rate	50%	37%	30%	44%	33%	40%	50%						41%	
Controllable Issuance Rate	67%	70%	78%	73%	60%	67%	88%						72%	



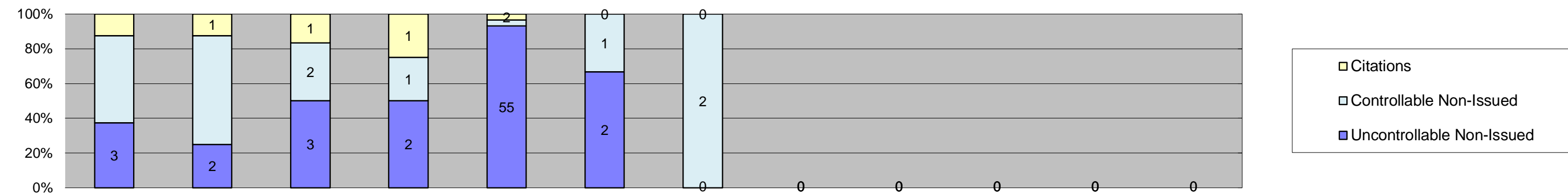
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4089: WB to SB 1st @ Lorena



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	258	249	279	243	238	262	265						256	92%
Violations	22	20	31	18	23	19	19						22	8%
<b>Total:</b>	<b>280</b>	<b>269</b>	<b>310</b>	<b>261</b>	<b>261</b>	<b>281</b>	<b>284</b>						<b>278</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	6	9	14	8	9	9	8						9	41%
Controllable Non-Issued	3	3	1	2	4	3	0						3	12%
Citations	13	8	16	8	10	7	11						10	47%
<b>Total:</b>	<b>22</b>	<b>20</b>	<b>31</b>	<b>18</b>	<b>23</b>	<b>19</b>	<b>19</b>						<b>22</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	2	1	1	0	0	1						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	122	121	132	115	98	116	101						115	45%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	136	126	146	127	140	146	163						141	55%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>258</b>	<b>249</b>	<b>279</b>	<b>243</b>	<b>238</b>	<b>262</b>	<b>265</b>						<b>257</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	1	0	0	1	0	0	1						1	5%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	0	1	0	0	1						1	5%
Driver Obstructed	2	1	2	0	1	1	0						1	7%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	2	1	0	2						2	7%
Glare on Windshield	0	1	1	0	2	1	1						1	6%
Illegible Plate	0	0	0	0	0	0	2						2	9%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	1	0						1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	0	3	1	4	5	1						3	12%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	3	0	2	1	0	0						2	8%
Out of State	0	1	1	1	0	0	0						1	5%
Plate Obstructed	0	1	1	0	0	1	0						1	5%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	6	0	0	0	0						6	28%
<b>Total:</b>	<b>6</b>	<b>9</b>	<b>14</b>	<b>8</b>	<b>9</b>	<b>9</b>	<b>8</b>						<b>21</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	1	0	1	0	1	0	0						1	15%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	1	1	0						1	15%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	1	0						1	15%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	1	2	0	2	2	1	0						2	24%
Framing of Driver	1	0	0	0	0	0	0						1	15%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	1	0	0	0	0	0						1	15%
<b>Total:</b>	<b>3</b>	<b>3</b>	<b>1</b>	<b>2</b>	<b>4</b>	<b>3</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	
Average Issued Speed	18	18	19	20	19	20	18						19	
Average Issued Red Seconds	52.0	44.5	92.7	0.5	16.8	87.7	4.5						43	
Citation / Violation Issuance Rate	59%	40%	52%	44%	43%	37%	58%						48%	
Controllable Issuance Rate	81%	73%	94%	80%	71%	70%	100%						81%	



Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4097: EB to NB 1st @Clarence

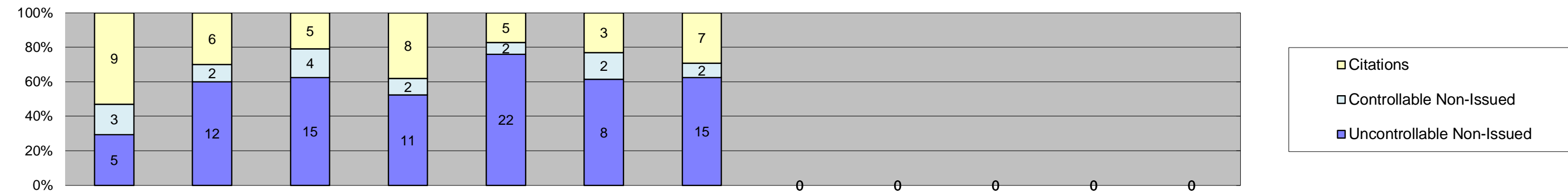


Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Quantity	Monthly Average %
Non-Violations	1,540	1,764	1,597	1,341	1,459	1,481	1,483						1,524	99%
Violations	8	8	6	4	59	3	2						13	1%
<b>Total:</b>	<b>1,548</b>	<b>1,772</b>	<b>1,603</b>	<b>1,345</b>	<b>1,518</b>	<b>1,484</b>	<b>1,485</b>						<b>1,536</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	3	2	3	2	55	2	0						11	75%
Controllable Non-Issued	4	5	2	1	2	1	2						2	16%
Citations	1	1	1	1	2	0	0						1	8%
<b>Total:</b>	<b>8</b>	<b>8</b>	<b>6</b>	<b>4</b>	<b>59</b>	<b>3</b>	<b>2</b>						<b>15</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	1	0	0	0	0	0						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	1,450	1,674	1,490	1,255	1,369	1,390	1,393						1,432	94%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	90	89	107	86	90	91	90						92	6%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1,540</b>	<b>1,764</b>	<b>1,597</b>	<b>1,341</b>	<b>1,459</b>	<b>1,481</b>	<b>1,483</b>						<b>1,524</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	54	0	0						54	91%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	1	0	0	0	0						1	2%
Driver Obstructed	0	1	0	0	0	0	0						1	2%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	1	0	1	0	0						1	2%
Glare on Windshield	1	0	1	1	0	0	0						1	2%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	0	0	1	0	2	0						1	2%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>3</b>	<b>2</b>	<b>3</b>	<b>2</b>	<b>55</b>	<b>2</b>	<b>0</b>						<b>59</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	1	0	0	1	0	0						1	32%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	4	4	2	1	1	1	2						2	68%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>2</b>						<b>3</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	16	15	16	16	15	0						16	
Average Issued Red Seconds	426.7	85.6	733.5	596.8	430.8	71.4	0.0						391	
Citation / Violation Issuance Rate	13%	13%	17%	25%	3%	0%	0%						14%	
Controllable Issuance Rate	20%	17%	33%	50%	50%	0%	0%						34%	





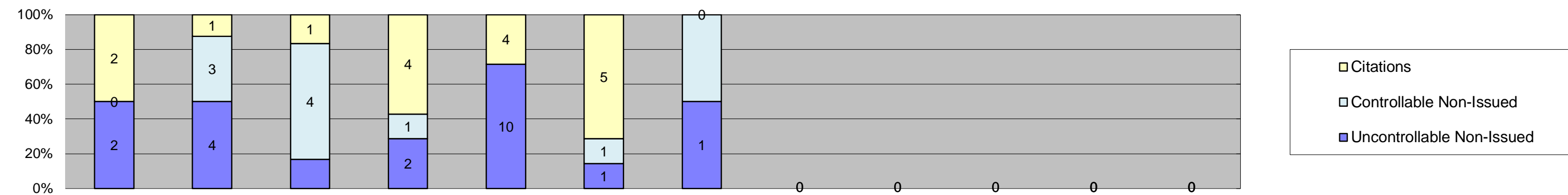
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4099: WB to SB 1st @ Clarence



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	1,165	1,081	1,180	1,140	1,183	1,178	1,064						1,142	98%
Violations	17	20	24	21	29	13	24						21	2%
<b>Total:</b>	<b>1,182</b>	<b>1,101</b>	<b>1,204</b>	<b>1,161</b>	<b>1,212</b>	<b>1,191</b>	<b>1,088</b>						<b>1,163</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	5	12	15	11	22	8	15						13	59%
Controllable Non-Issued	3	2	4	2	2	2	2						2	11%
Citations	9	6	5	8	5	3	7						6	29%
<b>Total:</b>	<b>17</b>	<b>20</b>	<b>24</b>	<b>21</b>	<b>29</b>	<b>13</b>	<b>24</b>						<b>21</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	1	1	3	4	0	1	3						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	1,073	997	1,081	1,056	1,090	1,093	974						1,052	92%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	91	83	96	80	93	84	87						88	8%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1,165</b>	<b>1,081</b>	<b>1,180</b>	<b>1,140</b>	<b>1,183</b>	<b>1,178</b>	<b>1,064</b>						<b>1,142</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	2	0	0	5	0	0						4	15%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	2	0	0	0	1	1						1	6%
Driver Obstructed	0	0	2	0	1	0	3						2	8%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	2	1	2	1	4	1	4						2	9%
Glare on Windshield	0	1	1	1	0	1	2						1	5%
Illegible Plate	0	0	2	1	2	0	1						2	6%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	1	0	0	0	0						1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	2	3	4	5	6	5	4						4	17%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	1	1	3	0	0						2	7%
Out of State	0	2	0	0	0	0	0						2	8%
Plate Obstructed	1	1	0	2	1	0	0						1	5%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	2	0	0	0	0						2	8%
<b>Total:</b>	<b>5</b>	<b>12</b>	<b>15</b>	<b>11</b>	<b>22</b>	<b>8</b>	<b>15</b>						<b>24</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	2	1	2	1	1	2	1						1	39%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	1	2	0	1	0	1						1	33%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	1	0	0	0						1	28%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>3</b>	<b>2</b>	<b>4</b>	<b>2</b>	<b>2</b>	<b>2</b>	<b>2</b>						<b>4</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	17	20	18	17	17	18						18	
Average Issued Red Seconds	167.0	236.6	71.4	39.9	12.8	21.2	142.9						99	
Citation / Violation Issuance Rate	53%	30%	21%	38%	17%	23%	29%						30%	
Controllable Issuance Rate	75%	75%	56%	80%	71%	60%	78%						71%	



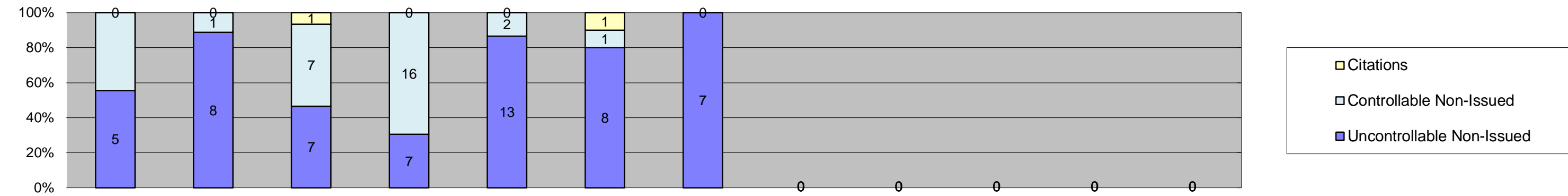
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4109: WB to SB 1st @ Utah



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	1,362	1,313	2,342	1,413	1,499	1,492	1,362						1,540	100%
Violations	4	8	6	7	14	7	2						7	0%
<b>Total:</b>	<b>1,366</b>	<b>1,321</b>	<b>2,348</b>	<b>1,420</b>	<b>1,513</b>	<b>1,499</b>	<b>1,364</b>						<b>1,547</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	2	4	1	2	10	1	1						3	38%
Controllable Non-Issued	0	3	4	1	0	1	1						2	26%
Citations	2	1	1	4	4	5	0						3	36%
<b>Total:</b>	<b>4</b>	<b>8</b>	<b>6</b>	<b>7</b>	<b>14</b>	<b>7</b>	<b>2</b>						<b>8</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	2	2	0	0	0	1						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	1,273	1,231	2,245	1,325	1,413	1,406	1,278						1,453	94%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	89	80	95	88	86	86	83						87	6%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1,362</b>	<b>1,313</b>	<b>2,342</b>	<b>1,413</b>	<b>1,499</b>	<b>1,492</b>	<b>1,362</b>						<b>1,541</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	9	0	0						9	64%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	0	0	0	0	0						0	0%
Driver Obstructed	1	1	0	0	0	0	0						1	7%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	1	0	1	1	0	1						1	7%
Glare on Windshield	0	1	0	0	0	0	0						1	7%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	1	1	0	0	1	0						1	7%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0						1	7%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>2</b>	<b>4</b>	<b>1</b>	<b>2</b>	<b>10</b>	<b>1</b>	<b>1</b>						<b>14</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	3	4	0	0	1	0						3	57%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	1	0	0	0						1	21%
Framing of Driver	0	0	0	0	0	0	1						1	21%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1</b>						<b>5</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	17	17	18	16	18	17	15						17	
Average Issued Red Seconds	140.0	9.7	49.5	132.7	548.6	92.6	160.3						162	
Citation / Violation Issuance Rate	50%	13%	17%	57%	29%	71%	0%						39%	
Controllable Issuance Rate	100%	25%	20%	80%	100%	83%	0%						68%	



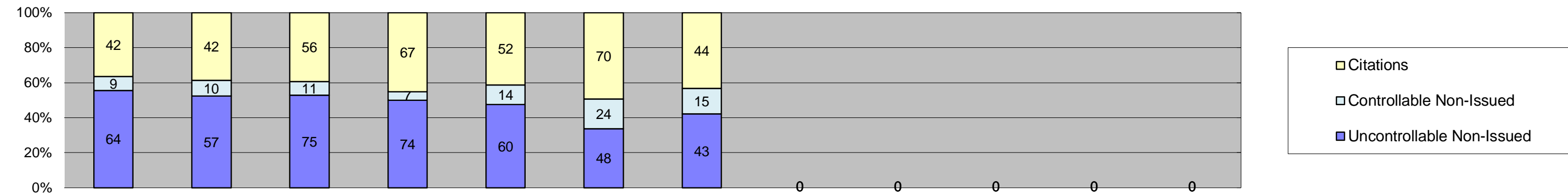
Los Angeles County MTA Gold Line  
Approach Summary Report  
Location 4119: WB to SB 1st @ Anderson



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	1,352	1,144	1,425	2,793	1,186	1,387	1,358						1,521	99%
Violations	9	9	15	23	15	10	7						13	1%
<b>Total:</b>	<b>1,361</b>	<b>1,153</b>	<b>1,440</b>	<b>2,816</b>	<b>1,201</b>	<b>1,397</b>	<b>1,365</b>						<b>1,533</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	5	8	7	7	13	8	7						8	56%
Controllable Non-Issued	4	1	7	16	2	1	0						5	37%
Citations	0	0	1	0	0	1	0						1	7%
<b>Total:</b>	<b>9</b>	<b>9</b>	<b>15</b>	<b>23</b>	<b>15</b>	<b>10</b>	<b>7</b>						<b>14</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	0	0	1	0	1	1						1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	1,264	1,057	1,331	2,698	1,095	1,299	1,272						1,431	94%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	88	87	94	94	91	87	85						89	6%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1,352</b>	<b>1,144</b>	<b>1,425</b>	<b>2,793</b>	<b>1,186</b>	<b>1,387</b>	<b>1,358</b>						<b>1,521</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	1	0	1	1	1	0						1	9%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	0	1	0	1	0	2						1	11%
Driver Obstructed	1	2	0	1	1	1	1						1	10%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	1	0	0	2	1	0	0						1	11%
Illegible Plate	2	1	2	1	2	3	2						2	16%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	1	0	0	0						1	9%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	4	3	1	7	3	2						3	26%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	1	0	0	0	0						1	9%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>5</b>	<b>8</b>	<b>7</b>	<b>7</b>	<b>13</b>	<b>8</b>	<b>7</b>						<b>12</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	3	0	3	1	2	0	0						2	34%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	1	4	15	0	1	0						4	66%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>4</b>	<b>1</b>	<b>7</b>	<b>16</b>	<b>2</b>	<b>1</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	
Average Issued Speed	0	0	21	15	17	16	18						17	
Average Issued Red Seconds	0.0	0.0	581.6	137.7	302.9	189.5	849.0						412	
Citation / Violation Issuance Rate	0%	0%	7%	0%	0%	10%	0%						8%	
Controllable Issuance Rate	0%	0%	13%	0%	0%	50%	0%						31%	



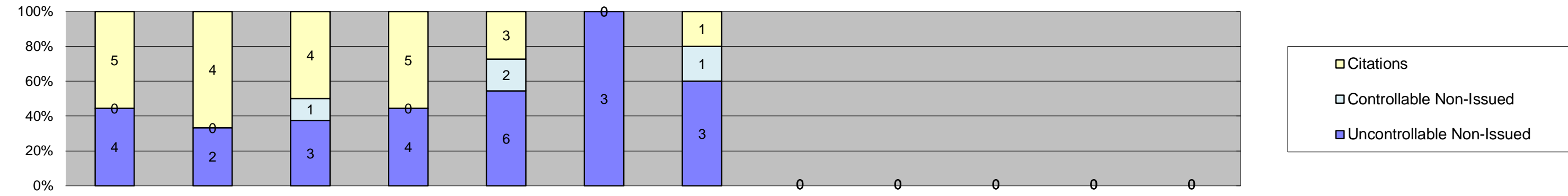
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4127: EB to NB 1st @ Mission



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	772	739	787	629	713	754	723						731	85%
Violations	115	109	142	148	126	142	102						126	15%
<b>Total:</b>	<b>887</b>	<b>848</b>	<b>929</b>	<b>777</b>	<b>839</b>	<b>896</b>	<b>825</b>						<b>857</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	64	57	75	74	60	48	43						60	48%
Controllable Non-Issued	9	10	11	7	14	24	15						13	10%
Citations	42	42	56	67	52	70	44						53	42%
<b>Total:</b>	<b>115</b>	<b>109</b>	<b>142</b>	<b>148</b>	<b>126</b>	<b>142</b>	<b>102</b>						<b>126</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	2	3	1	0	0	4	4						3	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	675	650	688	539	615	655	631						636	87%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	95	86	98	90	97	94	88						93	13%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	1	1	0						1	0%
<b>Total:</b>	<b>772</b>	<b>739</b>	<b>787</b>	<b>629</b>	<b>713</b>	<b>754</b>	<b>723</b>						<b>733</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	3	2	0	1	3	3	2						2	3%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	1	1	6	3	0	1	2						2	3%
Driver Obstructed	3	2	1	6	2	6	6						4	5%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	30	28	23	22	18	7	11						20	29%
Glare on Windshield	0	1	3	2	0	3	1						2	3%
Illegible Plate	0	0	2	0	1	1	3						2	3%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	1	0	0	0	1	0	0						1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	20	21	26	25	24	25	16						22	33%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	1	4	6	1	0						3	4%
Out of State	1	1	4	4	4	1	2						2	4%
Plate Obstructed	4	1	2	4	1	0	0						2	4%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	7	3	0	0	0						5	7%
<b>Total:</b>	<b>64</b>	<b>57</b>	<b>75</b>	<b>74</b>	<b>60</b>	<b>48</b>	<b>43</b>						<b>68</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	1	3	2	2	5	11	0						4	21%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	7	7	9	3	8	11	6						7	39%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	3						3	16%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	2	1	1	4						2	11%
Framing of Driver	0	0	0	0	0	1	2						2	8%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	1	0	0	0	0	0	0						1	5%
<b>Total:</b>	<b>9</b>	<b>10</b>	<b>11</b>	<b>7</b>	<b>14</b>	<b>24</b>	<b>15</b>						<b>19</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	20	20	20	20	20	20	20						20	
Average Issued Red Seconds	62.4	5.4	27.0	27.5	9.8	26.3	14.7						25	
Citation / Violation Issuance Rate	37%	39%	39%	45%	41%	49%	43%						42%	
Controllable Issuance Rate	82%	81%	84%	91%	79%	74%	75%						81%	



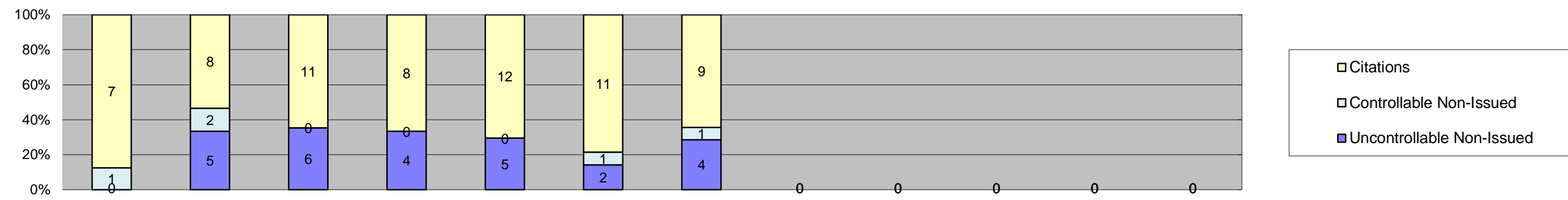
Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4129: WB to SB 1st @ Mission



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	632	725	882	981	777	873	780						807	99%
Violations	9	6	8	9	11	3	5						7	1%
<b>Total:</b>	<b>641</b>	<b>731</b>	<b>890</b>	<b>990</b>	<b>788</b>	<b>876</b>	<b>785</b>						<b>814</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	4	2	3	4	6	3	3						4	42%
Controllable Non-Issued	0	0	1	0	2	0	1						1	16%
Citations	5	4	4	5	3	0	1						4	43%
<b>Total:</b>	<b>9</b>	<b>6</b>	<b>8</b>	<b>9</b>	<b>11</b>	<b>3</b>	<b>5</b>						<b>9</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	0	2	0	2	1	0	1						2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	545	646	787	893	688	780	689						718	89%
Rear Axle Activation	0	0	0	0	0	0	0						0	0%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	87	77	95	86	88	93	90						88	11%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>632</b>	<b>725</b>	<b>882</b>	<b>981</b>	<b>777</b>	<b>873</b>	<b>780</b>						<b>808</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	2	1	1						1	14%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	2	0	1	0	0	0	0						2	16%
Driver Obstructed	0	0	0	1	0	0	0						1	10%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	1	1	1						1	10%
Glare on Windshield	0	0	1	2	2	0	1						2	16%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	0	0	0	0	0	0						0	0%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	1	2	0	1	1	0	0						1	13%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0						1	10%
Out of State	0	0	0	0	0	0	0						0	0%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	1	0	0	0	0						1	10%
<b>Total:</b>	<b>4</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>6</b>	<b>3</b>	<b>3</b>						<b>10</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Cnduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	1	0	0	0	0						1	25%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	0	0	0	0	2	0	0						2	50%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	1						1	25%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>1</b>						<b>4</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	19	20	23	18	18	23						20	
Average Issued Red Seconds	365.6	462.0	478.7	120.4	512.1	1023.9	38.1						429	
Citation / Violation Issuance Rate	56%	67%	50%	56%	27%	0%	20%						46%	
Controllable Issuance Rate	100%	100%	80%	100%	60%	0%	50%						82%	



Los Angeles County MTA Gold Line  
 Approach Summary Report  
 Location 4137: SB to EB Alameda @ Temple



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	122	102	123	70	95	83	80						96	87%
Violations	8	15	17	12	17	14	14						14	13%
<b>Total:</b>	<b>130</b>	<b>117</b>	<b>140</b>	<b>82</b>	<b>112</b>	<b>97</b>	<b>94</b>						<b>110</b>	<b>100%</b>
<b>Violations</b>														
Uncontrollable Non-Issued	0	5	6	4	5	2	4						4	29%
Controllable Non-Issued	1	2	0	0	0	1	1						1	8%
Citations	7	8	11	8	12	11	9						9	63%
<b>Total:</b>	<b>8</b>	<b>15</b>	<b>17</b>	<b>12</b>	<b>17</b>	<b>14</b>	<b>14</b>						<b>15</b>	<b>100%</b>
<b>Non-Violations</b>														
Emergency Vehicle Non-Issuable	5	0	0	5	4	3	11						6	6%
Emergency Vehicle PD	0	0	0	0	0	0	0						0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0						0	0%
Gate Down/ No Train	0	0	0	0	0	0	0						0	0%
No Violation Occurred	96	81	103	47	74	61	51						73	74%
Rear Axle Activation	1	0	0	0	0	0	0						1	1%
Right Turn- No Violation	0	0	0	0	0	0	0						0	0%
Test Shot	20	21	20	18	17	19	18						19	19%
Amber Time Low	0	0	0	0	0	0	0						0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>122</b>	<b>102</b>	<b>123</b>	<b>70</b>	<b>95</b>	<b>83</b>	<b>80</b>						<b>99</b>	<b>100%</b>
<b>Uncontrollable Non-Issued Violations</b>														
Administrative Dismissal	0	0	0	0	0	0	0						0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0						0	0%
Car Obstructed	0	0	0	0	0	1	0						1	9%
Conditions Beyond Control	0	0	0	0	0	0	0						0	0%
Driver Identity Unclear	0	1	0	0	0	0	1						1	9%
Driver Obstructed	0	1	0	1	0	0	0						1	9%
Exposed	0	0	0	0	0	0	0						0	0%
Glare on Plate	0	0	0	0	0	0	0						0	0%
Glare on Windshield	0	0	1	2	1	0	0						1	11%
Illegible Plate	0	0	0	0	0	0	0						0	0%
Interest of Justice- PD	0	2	0	0	0	0	0						2	17%
Image Quality- PD	0	0	0	0	0	0	0						0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0						0	0%
No Warning Sign	0	0	0	0	0	0	0						0	0%
No Plate	0	1	3	0	4	1	3						2	20%
No Speed Captured	0	0	0	0	0	0	0						0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0						0	0%
Out of State	0	0	0	1	0	0	0						1	9%
Plate Obstructed	0	0	0	0	0	0	0						0	0%
Short Yellow- PD	0	0	0	0	0	0	0						0	0%
Third Party Damage	0	0	0	0	0	0	0						0	0%
TSB Epired	0	0	0	0	0	0	0						0	0%
TSB No Hit	0	0	2	0	0	0	0						2	17%
<b>Total:</b>	<b>0</b>	<b>5</b>	<b>6</b>	<b>4</b>	<b>5</b>	<b>2</b>	<b>4</b>						<b>12</b>	<b>100%</b>
<b>Controllable Non-Issued Violations</b>														
Conduent Expire	0	0	0	0	0	0	0						0	0%
Clarity of Plate	0	0	0	0	0	0	0						0	0%
Clarity of Driver	0	0	0	0	0	0	0						0	0%
Dark Interior	0	0	0	0	0	0	0						0	0%
Data Box Related- PD	0	0	0	0	0	0	0						0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0						0	0%
Data Entry Error	1	2	0	0	0	1	1						1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0						0	0%
Exposed	0	0	0	0	0	0	0						0	0%
Equipment Malfunction	0	0	0	0	0	0	0						0	0%
Framing- PD	0	0	0	0	0	0	0						0	0%
Framing of Car	0	0	0	0	0	0	0						0	0%
Framing of Driver	0	0	0	0	0	0	0						0	0%
Operator Error	0	0	0	0	0	0	0						0	0%
Framing of Plate	0	0	0	0	0	0	0						0	0%
Reject Expired	0	0	0	0	0	0	0						0	0%
Speed Not Determined	0	0	0	0	0	0	0						0	0%
<b>Total:</b>	<b>1</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>						<b>1</b>	<b>100%</b>
<b>Summary Metrics</b>														
Daily Average Vehicle Passes	0	0	0	0	0	0	0						0	
Average Issued Speed	19	26	30	24	25	25	30						26	
Average Issued Red Seconds	0.8	31.1	96.9	44.3	1.9	81.2	29.6						41	
Citation / Violation Issuance Rate	88%	53%	65%	67%	71%	79%	64%						69%	
Controllable Issuance Rate	88%	80%	100%	100%	100%	92%	90%						93%	



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

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
EB to NB	3rd & Civic Center	4007	Left	31	3,887	28	6	0.19
WB to SB	3rd & La Verne	4009	Left	31	569	41	15	0.48
EB to NB	3rd & Mednik	4017	Left	31	387	9	2	0.06
WB to SB	3rd & Mednik	4019	Left	31	440	6	1	0.03
EB to NB	3rd & Arizona	4027	Left	31	324	6	1	0.03
WB to SB	3rd & Arizona	4029	Left	31	247	6	2	0.06
EB to NB	3rd and McDonnell	4037	Left	31	561	25	9	0.29
WB to SB	3rd and McDonnell	4039	Left	31	436	11	3	0.10
EB to NB	3rd & Ford	4047	Left	31	665	19	5	0.16
WB to SB	3rd & Ford	4049	Left	31	285	11	4	0.13
EB to NB	3rd & Eastern	4057	Left	31	349	32	10	0.32
WB to SB	3rd & Eastern	4059	Left	31	309	8	2	0.06
WB to SB	3rd & Downey	4069	Left	31	333	0	0	0.00
EB to NB	3rd & Gage	4077	Left	31	230	9	6	0.19
WB to SB	3rd & Gage	4079	Left	31	493	58	8	0.26
EB to NB	3rd & Rowan	4083	Left	31	761	37	5	0.16
WB to SB	3rd & Rowan	4085	Left	31	247	15	6	0.19
EB to NB	1st & Lorena	4087	Left	31	484	14	7	0.23
WB to SB	1st & Lorena	4089	Left	31	284	19	11	0.35
EB to NB	1st & Clarence	4097	Left	31	1,485	2	0	0.00
WB to SB	1st & Clarence	4099	Left	31	1,088	24	7	0.23
WB to SB	1st & Utah	4109	Left	31	1,364	2	0	0.00
WB to SB	1st & Anderson	4119	Left	31	1,365	7	0	0.00
EB to NB	1st & Mission	4127	Left	31	825	102	44	1.42
WB to SB	1st & Mission	4129	Left	31	785	5	1	0.03
SB to EB	Alameda @ Temple	4137	Left	31	94	14	9	0.29
<b>Totals</b>				<b>31</b>	<b>18,297</b>	<b>510</b>	<b>164</b>	<b>5.29</b>

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