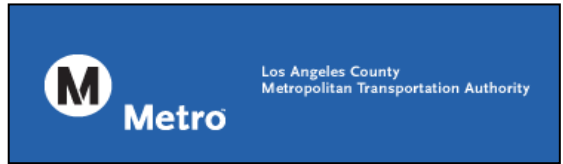




Gold Line Monthly Report



January - October 2018

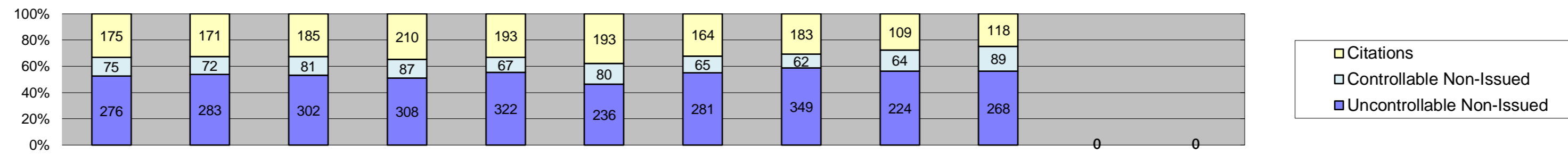


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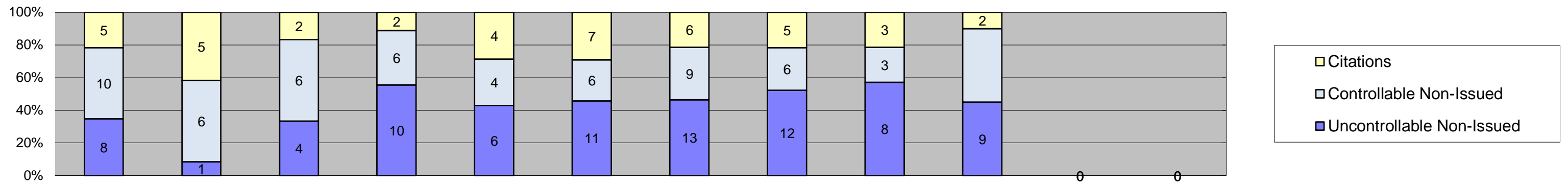
Los Angeles County MTA Gold Line
Approach Summary Report
All Locations
2018



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	19,080	17,756	18,049	0	0	18,024	97%
Violations	526	526	568	605	582	509	510	594	397	475	0	0	529	3%
Total:	18,215	16,941	19,696	19,290	18,356	18,383	18,297	19,674	18,153	18,524	0	0	18,553	100%
Violations														
Uncontrollable Non-Issued	276	283	302	308	322	236	281	349	224	268	0	0	285	54%
Controllable Non-Issued	75	72	81	87	67	80	65	62	64	89	0	0	74	14%
Citations	175	171	185	210	193	193	164	183	109	118	0	0	170	32%
Total:	526	526	568	605	582	509	510	594	397	475	0	0	529	100%
Non-Violations														
Emergency Vehicle Non-Issuable	111	100	82	155	126	171	132	84	70	54	0	0	109	1%
Emergency Vehicle PD	1	1	3	3	2	5	6	3	3	0	0	0	3	0%
Intersection Control in Progress-PD	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	14,522	13,545	15,898	15,613	14,593	14,697	14,599	15,880	13,893	7,452	0	0	14,069	65%
Rear Axle Activation	1	0	1	0	2	0	0	1	0	1	0	0	1	0%
Right Turn- No Violation	0	0	0	0	0	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	3,112	2,852	2,816	0	0	2,976	14%
Train Activation	0	0	0	0	0	0	0	0	938	7,726	0	0	4,332	20%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	1	2	2	0	0	0	0	0	0	2	0%
Total:	17,689	16,415	19,128	18,685	17,774	17,874	17,787	19,080	17,756	18,049	0	0	21,492	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	10	12	2	7	76	14	11	4	7	9	0	0	15	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	30	32	24	17	13	8	15	5	6	15	0	0	17	5%
Driver Obstructed	25	29	19	29	17	25	40	26	20	18	0	0	25	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	3	16	17	0	0	9	3%
Glare on Plate	50	65	53	51	47	44	44	41	30	36	0	0	46	14%
Glare on Windshield	16	18	17	27	18	12	23	24	18	13	0	0	19	6%
Illegible Plate	29	23	34	30	24	27	45	35	17	26	0	0	29	9%
Interest of Justice- PD	0	2	0	0	0	0	0	0	0	0	0	0	2	1%
Image Quality- PD	3	0	2	1	3	1	3	4	1	0	0	0	2	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	81	75	81	95	96	88	89	85	93	89	0	0	87	26%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	17	11	12	16	18	10	2	19	5	5	0	0	12	3%
Out of State	5	6	11	11	7	5	6	15	7	6	0	0	8	2%
Plate Obstructed	10	10	10	9	3	1	3	7	4	7	0	0	6	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	25	0	0	25	7%
TSB No Hit	0	0	37	15	0	0	0	81	0	2	0	0	34	10%
Total:	276	283	302	308	322	236	281	349	224	268	0	0	335	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	16	15	19	15	26	25	6	24	13	21	0	0	18	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	44	38	42	41	24	30	31	16	5	2	0	0	27	27%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	1	3	2	1	3	6	11	4	7	0	0	4	4%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	10	15	15	27	15	18	19	4	20	9	0	0	15	15%
Framing of Driver	1	0	0	0	0	1	3	0	4	3	0	0	2	2%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	1	1	0	0	0	0	7	1	2	0	0	2	2%
Reject Expired	0	0	0	0	0	0	0	0	17	45	0	0	31	30%
Speed Not Determined	2	2	1	2	1	3	0	0	0	0	0	0	2	2%
Total:	75	72	81	87	67	80	65	62	64	89	0	0	102	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	17	17	18	17	18	17	18	18	17	17			17	
Average Issued Red Seconds	144.2	103.4	185.3	121.8	227.3	130.0	159.1	171.9	135.8	116.7			149.5	
Citation / Violation Issuance Rate	33%	33%	33%	35%	33%	38%	32%	31%	27%	25%	0%	0%	32%	
Controllable Issuance Rate	70%	70%	70%	71%	74%	71%	72%	75%	63%	57%	0%	0%	69%	



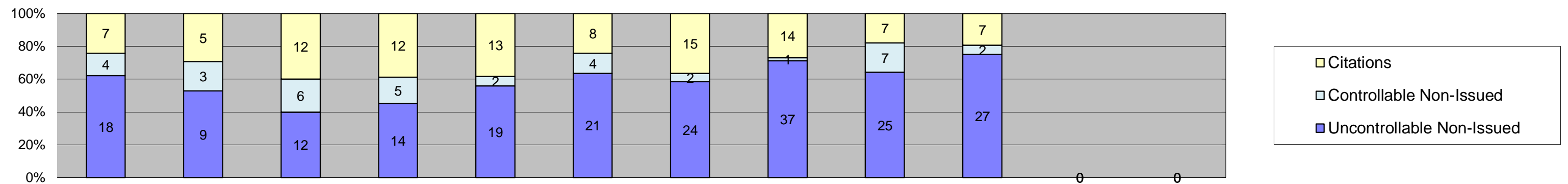
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4007: EB to NB 3rd @ Civic Center



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 Monthly Average	
													Quantity	%
Non-Violations	3,165	2,870	3,370	3,119	3,484	3,462	3,859	4,079	3,875	3,228			3,451	99%
Violations	23	12	12	18	14	24	28	23	14	20			19	1%
Total:	3,188	2,882	3,382	3,137	3,498	3,486	3,887	4,102	3,889	3,248			3,470	100%
Violations														
Uncontrollable Non-Issued	8	1	4	10	6	11	13	12	8	9			8	44%
Controllable Non-Issued	10	6	6	6	4	6	9	6	3	9			7	35%
Citations	5	5	2	2	4	7	6	5	3	2			4	22%
Total:	23	12	12	18	14	24	28	23	14	20			19	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	0	0	3	4	1	1	2	1			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	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	3,919	3,292	124			2,961	62%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	139	138	160	144	149	153	158	159	146	142			149	3%
Train Activation	0	0	0	0	0	0	0	0	435	2,961			1,698	35%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	3,165	2,870	3,370	3,119	3,484	3,462	3,859	4,079	3,875	3,228			4,810	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	0	0	0	0	2	0	0	2			2	11%
Driver Obstructed	1	0	0	2	0	0	1	0	1	0			1	7%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	3	0	2	5	2	5	3	2	4	1			3	17%
Glare on Windshield	0	0	0	0	0	0	0	2	0	0			2	11%
Illegible Plate	2	0	2	1	1	5	3	3	2	5			3	15%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0	0			1	6%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	1	0	2	1	1	4	2	0	0			2	10%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	0	0	0	2	0	0	0	1	0			1	7%
Out of State	0	0	0	0	0	0	0	0	0	0			0	0%
Plate Obstructed	0	0	0	0	0	0	0	1	0	0			1	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	6%
TSB No Hit	0	0	0	0	0	0	0	1	0	0			1	6%
Total:	8	1	4	10	6	11	13	12	8	9			18	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	1			1	7%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	10	6	6	5	4	6	8	3	2	0			6	39%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	1	2	1	0			1	9%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	1	0	0	0	0	0	3			2	14%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	1	0	2			2	10%
Reject Expired	0	0	0	0	0	0	0	0	0	3			3	21%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	10	6	6	6	4	6	9	6	3	9			14	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	16	18	19	15	17	16	16	17	17			17	
Average Issued Red Seconds	51.1	114.0	57.6	249.2	265.1	79.6	306.3	98.2	91.2	148.8			146	
Citation / Violation Issuance Rate	22%	42%	17%	11%	29%	29%	21%	22%	21%	10%			22%	
Controllable Issuance Rate	33%	45%	25%	25%	50%	54%	40%	45%	50%	18%			39%	



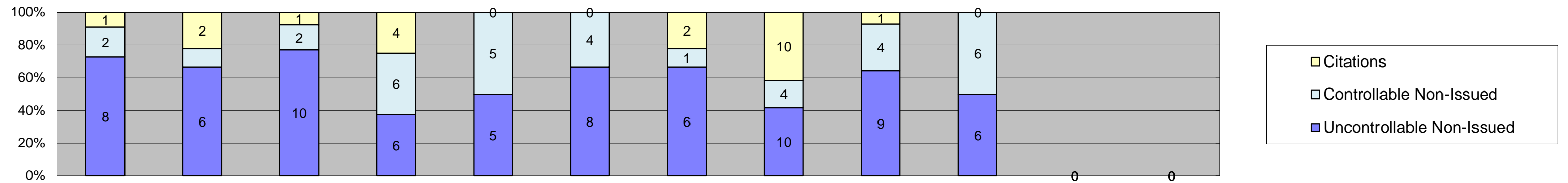
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4009: WB to SB 3rd @ La Verne



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 Monthly Average	
													Quantity	%
Non-Violations	578	469	581	545	525	517	528	517	466	449			518	94%
Violations	29	17	30	31	34	33	41	52	39	36			34	6%
Total:	607	486	611	576	559	550	569	569	505	485			552	100%
Violations														
Uncontrollable Non-Issued	18	9	12	14	19	21	24	37	25	27			21	60%
Controllable Non-Issued	4	3	6	5	2	4	2	1	7	2			4	11%
Citations	7	5	12	12	13	8	15	14	7	7			10	29%
Total:	29	17	30	31	34	33	41	52	39	36			34	100%
Non-Violations														
Emergency Vehicle Non-Issuable	39	41	33	45	54	69	40	39	20	15			40	7%
Emergency Vehicle PD	0	0	0	0	1	3	1	2	3	0			2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	393	306	410	360	335	315	352	344	305	246			337	61%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	146	122	138	140	135	130	135	132	128	118			132	24%
Train Activation	0	0	0	0	0	0	0	0	10	70			40	7%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	578	469	581	545	525	517	528	517	466	449			551	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	1	0	3	0	1	0			2	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	2	1	0	1	2	1	0	1	1	1			1	4%
Driver Obstructed	1	1	1	0	0	2	3	4	0	4			2	7%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	2	10	8			5	15%
Glare on Plate	0	1	1	0	2	6	3	9	5	0			4	11%
Glare on Windshield	2	0	2	2	3	1	1	3	0	2			2	6%
Illegible Plate	1	0	1	0	2	1	8	2	0	3			3	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	1	0	0	0			1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	9	3	5	4	7	9	4	5	7	3			6	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	3	1	0	2	2	0	1	3	0	1			2	5%
Out of State	0	1	0	1	0	0	0	0	0	1			1	3%
Plate Obstructed	0	1	0	1	0	0	0	2	1	3			2	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	3%
TSB No Hit	0	0	2	3	0	0	0	6	0	0			4	11%
Total:	18	9	12	14	19	21	24	37	25	27			35	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	2	0	0	1	3	0	1	4	1			2	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	3	0	4	4	0	1	2	0	0	0			3	29%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	1	0	0	0	0	0	0	0	0			1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	1	0	1	1	1	0	0	0	0	0			1	10%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	3	1			2	20%
Speed Not Determined	0	0	1	0	0	0	0	0	0	0			1	10%
Total:	4	3	6	5	2	4	2	1	7	2			10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	17	17	17	16	16	17	17	16	16			17	
Average Issued Red Seconds	134.6	99.4	172.5	96.2	148.8	158.5	77.5	177.8	145.0	37.6			125	
Citation / Violation Issuance Rate	24%	29%	40%	39%	38%	24%	37%	27%	18%	19%			30%	
Controllable Issuance Rate	64%	63%	67%	71%	87%	67%	88%	93%	50%	78%			73%	



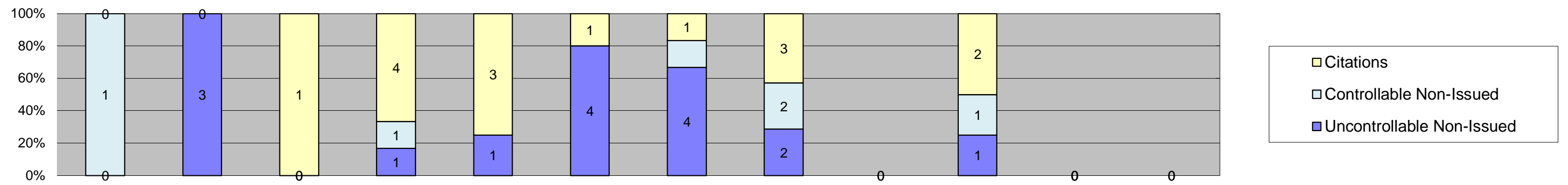
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4017: EB to NB 3rd @ Mednik



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 Monthly Average	
													Quantity	%
Non-Violations	381	330	398	381	364	334	378	424	384	339			371	97%
Violations	11	9	13	16	10	12	9	24	14	12			13	3%
Total:	392	339	411	397	374	346	387	448	398	351			384	100%
Violations														
Uncontrollable Non-Issued	8	6	10	6	5	8	6	10	9	6			7	53%
Controllable Non-Issued	2	1	2	6	5	4	1	4	4	6			4	25%
Citations	1	2	1	4	0	0	2	10	1	0			3	22%
Total:	11	9	13	16	10	12	9	24	14	12			14	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	7	6	4	5	3	4	5	3			4	1%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0	0			1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	256	221	246	247	232	210	243	287	241	120			230	56%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	121	107	145	127	128	119	132	133	129	125			127	31%
Train Activation	0	0	0	0	0	0	0	0	9	91			50	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	381	330	398	381	364	334	378	424	384	339			412	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	1	0	1	0	0	0	0			1	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	2	2	2	1	0	1	2	0	0	0			2	10%
Driver Obstructed	1	1	4	2	1	2	2	3	4	2			2	14%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	3	2			3	16%
Glare on Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Windshield	2	2	0	1	2	1	0	4	0	0			2	12%
Illegible Plate	1	0	0	0	0	1	0	1	0	1			1	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	1	3	0	1	2	2	0	2	0			2	11%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	1	1	0	0	0	0	0	0			1	6%
Out of State	1	0	0	0	0	0	0	1	0	0			1	6%
Plate Obstructed	0	0	0	0	1	0	0	0	0	0			1	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0	1			1	6%
Total:	8	6	10	6	5	8	6	10	9	6			16	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	2	0	2	2	3	2	1	3	1	6			2	32%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	2	1	0	0	0	0	0			2	20%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1	0			1	13%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	2	1	2	0	1	2	0			2	21%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	1	0	0	0	0	0	0	0	0			1	13%
Total:	2	1	2	6	5	4	1	4	4	6			8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	24	22	22	21	18	16	23	22	21	21			21	
Average Issued Red Seconds	24.6	136.6	244.2	224.5	696.4	78.9	70.3	85.0	106.5	26.6			169	
Citation / Violation Issuance Rate	9%	22%	8%	25%	0%	0%	22%	42%	7%	0%			19%	
Controllable Issuance Rate	33%	67%	33%	40%	0%	0%	67%	71%	20%	0%			47%	



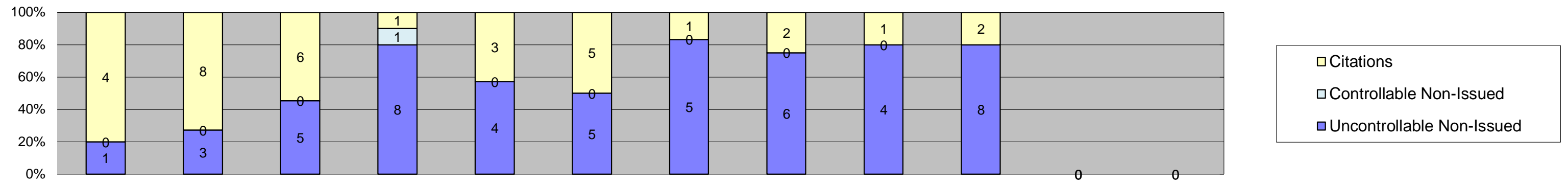
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4019: WB to SB 3rd @ Mednik



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 Monthly Average	
													Quantity	%
Non-Violations	512	423	498	442	464	483	434	436	409	388			449	99%
Violations	1	3	1	6	4	5	6	7	0	4			4	1%
Total:	513	426	499	448	468	488	440	443	409	392			453	100%
Violations														
Uncontrollable Non-Issued	0	3	0	1	1	4	4	2	0	1			2	41%
Controllable Non-Issued	1	0	0	1	0	0	1	2	0	1			1	21%
Citations	0	0	1	4	3	1	1	3	0	2			2	38%
Total:	1	3	1	6	4	5	6	7	0	4			6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	12	9	10	10	11	12	19	3	11	4			10	2%
Emergency Vehicle PD	0	0	0	0	0	0	2	0	0	0			2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	381	310	361	312	321	351	293	305	278	166			308	62%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	119	104	127	120	132	120	120	128	115	106			119	24%
Train Activation	0	0	0	0	0	0	0	0	5	112			59	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	512	423	498	442	464	483	434	436	409	388			498	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	1	0	0	0	0			1	11%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0	0			1	11%
Driver Obstructed	0	1	0	0	1	3	0	1	0	0			2	17%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	0	0	2	0	0	0			2	23%
Glare on Windshield	0	0	0	1	0	0	2	1	0	0			1	15%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	1	0	0	0	0	0	0	0	0			1	11%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	0	0	0	0	0	0	0	0			0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	11%
TSB No Hit	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	3	0	1	1	4	4	2	0	1			9	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	2	0	1			2	43%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	0	0	1	0	0	0	0	0	0			1	29%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0	0			1	29%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1	0	0	1	0	0	1	2	0	1			4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	20	18	16	23	18	22	17	16	21	27			20	
Average Issued Red Seconds	582.5	452.6	111.4	260.8	156.4	0.2	272.6	99.8	105.3	0.2			204	
Citation / Violation Issuance Rate	0%	0%	100%	67%	75%	20%	17%	43%	0%	50%			53%	
Controllable Issuance Rate	0%	0%	100%	80%	100%	100%	50%	60%	0%	67%			80%	



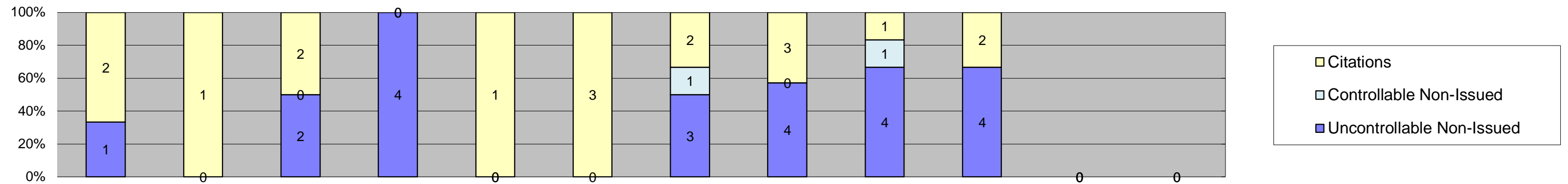
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4027: EB to NB 3rd @ Arizona



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 Monthly Average	
													Quantity	%
Non-Violations	291	290	271	310	295	339	318	385	346	370			322	97%
Violations	5	11	11	10	7	10	6	8	5	10			8	3%
Total:	296	301	282	320	302	349	324	393	351	380			330	100%
Violations														
Uncontrollable Non-Issued	1	3	5	8	4	5	5	6	4	8			5	53%
Controllable Non-Issued	0	0	0	1	0	0	0	0	0	0			1	11%
Citations	4	8	6	1	3	5	1	2	1	2			3	36%
Total:	5	11	11	10	7	10	6	8	5	10			9	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	0	0	0	0			2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	171	184	153	193	176	214	205	263	230	88			188	48%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	118	106	118	117	119	125	113	122	109	121			117	30%
Train Activation	0	0	0	0	0	0	0	0	7	161			84	22%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	291	290	271	310	295	339	318	385	346	370			391	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	1	4	2	3	1	0	1	0	0			2	16%
Driver Obstructed	0	0	0	1	0	0	0	0	0	0			1	8%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Windshield	1	0	0	0	0	0	0	1	1	0			1	8%
Illegible Plate	0	0	0	0	1	0	0	1	0	0			1	8%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	1	1	4	0	3	5	0	3	8			4	28%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	0	0	0	1	0	0	0	0			1	8%
Plate Obstructed	0	1	0	0	0	0	0	0	0	0			1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	1	0	0	0	3	0	0			2	16%
Total:	1	3	5	8	4	5	5	6	4	8			13	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	1	0	0	0	0	0	0			1	100%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	0	0	1	0	0	0	0	0	0			1	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	16	17	16	17	19	17	14	16	16	15			16	
Average Issued Red Seconds	83.0	60.2	231.6	346.6	37.3	92.6	17.2	412.3	56.5	289.8			163	
Citation / Violation Issuance Rate	80%	73%	55%	10%	43%	50%	17%	25%	20%	20%			39%	
Controllable Issuance Rate	100%	100%	100%	50%	100%	100%	100%	100%	100%	100%			95%	



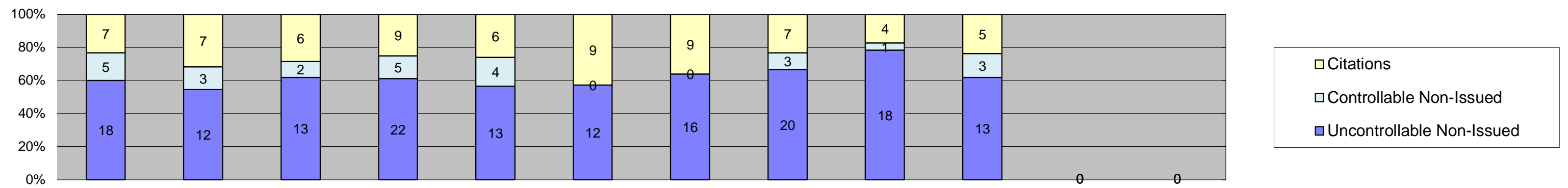
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4029: WB to SB 3rd @ Arizona



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 Monthly Average	
													Quantity	%
Non-Violations	232	197	236	225	252	249	241	245	248	217			234	98%
Violations	3	1	4	4	1	3	6	7	6	6			4	2%
Total:	235	198	240	229	253	252	247	252	254	223			238	100%
Violations														
Uncontrollable Non-Issued	1	0	2	4	0	0	3	4	4	4			3	52%
Controllable Non-Issued	0	0	0	0	0	0	1	0	1	0			1	17%
Citations	2	1	2	0	1	3	2	3	1	2			2	31%
Total:	3	1	4	4	1	3	6	7	6	6			6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	4	5	5	3	0	0	0			4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	109	89	112	106	128	131	112	119	117	30			105	38%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	122	108	124	115	119	113	126	126	118	103			117	43%
Train Activation	0	0	0	0	0	0	0	0	13	84			49	18%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	232	197	236	225	252	249	241	245	248	217			275	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	0	2			2	12%
Driver Obstructed	0	0	0	0	0	0	1	0	0	0			1	8%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	1	0	0	0	0	0	0			1	8%
Glare on Windshield	0	0	0	0	0	0	1	0	0	0			1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	0	1	2	0	0	1	0	4	2			2	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	2	0	0			2	16%
Out of State	0	0	1	0	0	0	0	0	0	0			1	8%
Plate Obstructed	1	0	0	0	0	0	0	0	0	0			1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	2	0	0			2	16%
Total:	1	0	2	4	0	0	3	4	4	4			13	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	0	0	1	0	1	0			1	100%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	0	0	0	0	0	1	0	1	0			1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	15	15	16	18	15	18	16	14	16			16	
Average Issued Red Seconds	281.9	35.8	239.7	180.2	1023.9	215.1	202.5	299.5	166.9	65.0			271	
Citation / Violation Issuance Rate	67%	100%	50%	0%	100%	100%	33%	43%	17%	33%			60%	
Controllable Issuance Rate	100%	100%	100%	0%	100%	100%	67%	100%	50%	100%			91%	



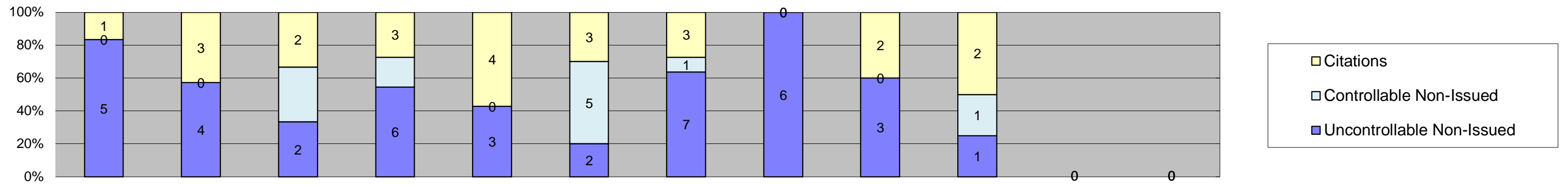
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4037: EB to NB 3rd @ McDonnell



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 Monthly Average	
													Quantity	%
Non-Violations	646	513	594	583	531	557	536	577	531	557			563	96%
Violations	30	22	21	36	23	21	25	30	23	21			25	4%
Total:	676	535	615	619	554	578	561	607	554	578			588	100%
Violations														
Uncontrollable Non-Issued	18	12	13	22	13	12	16	20	18	13			16	61%
Controllable Non-Issued	5	3	2	5	4	0	0	3	1	3			3	13%
Citations	7	7	6	9	6	9	9	7	4	5			7	27%
Total:	30	22	21	36	23	21	25	30	23	21			26	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	2	1	0	0	0	3	1	1	1			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	433	364	426	421	365	384	362	404	325	288			377	63%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	210	147	167	162	166	173	171	172	199	179			175	29%
Train Activation	0	0	0	0	0	0	0	0	6	89			48	8%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	646	513	594	583	531	557	536	577	531	557			601	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	3	0	0	0	0	0	1	0	0	0			2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	2	1	2	2	0	1	0	0	2	1			2	6%
Driver Obstructed	0	0	0	0	0	1	0	0	1	1			1	4%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	1	3	1	0	0	0	1	3	1			2	7%
Glare on Windshield	0	0	0	0	0	0	0	0	1	0			1	4%
Illegible Plate	3	3	3	9	4	6	6	6	2	5			5	19%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	1	1	0	0			1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	8	6	2	6	8	2	7	9	8	5			6	25%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	2	0	2	1	1	1	0	0	0	0			1	6%
Out of State	0	0	0	1	0	1	1	0	0	0			1	4%
Plate Obstructed	0	1	0	0	0	0	0	0	1	0			1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	1	2	0	0	0	3	0	0			2	8%
Total:	18	12	13	22	13	12	16	20	18	13			24	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	2	0	1	3	0	0	1	0	1			2	19%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	5	0	2	4	0	0	0	1	0	0			3	35%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	1			1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	1	0	0	0	0	0	0	0	0			1	12%
Reject Expired	0	0	0	0	0	0	0	0	1	1			1	12%
Speed Not Determined	0	0	0	0	1	0	0	0	0	0			1	12%
Total:	5	3	2	5	4	0	0	3	1	3			9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	16	15	18	17	16	15	16	15	16			16	
Average Issued Red Seconds	95.7	69.9	117.8	68.8	48.3	114.5	197.6	215.9	123.0	122.1			117	
Citation / Violation Issuance Rate	23%	32%	29%	25%	26%	43%	36%	23%	17%	24%			28%	
Controllable Issuance Rate	58%	70%	75%	64%	60%	100%	100%	70%	80%	63%			74%	



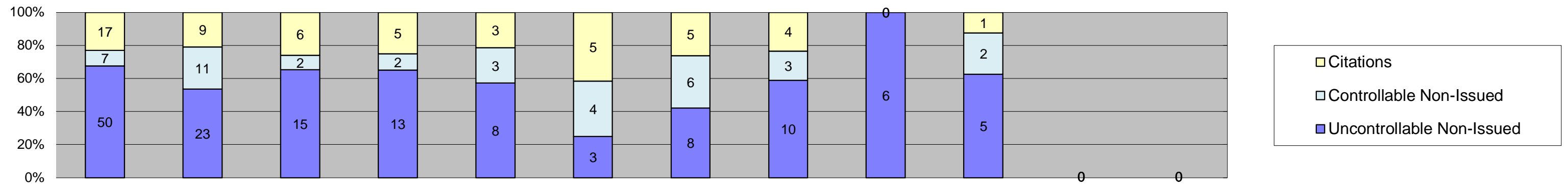
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4039: WB to SB 3rd @ McDonnell



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 Monthly Average	
													Quantity	%
Non-Violations	444	333	427	414	419	406	425	436	385	407			410	98%
Violations	6	7	6	11	7	10	11	6	5	4			7	2%
Total:	450	340	433	425	426	416	436	442	390	411			417	100%
Violations														
Uncontrollable Non-Issued	5	4	2	6	3	2	7	6	3	1			4	45%
Controllable Non-Issued	0	0	2	2	0	5	1	0	0	1			2	25%
Citations	1	3	2	3	4	3	3	0	2	2			3	30%
Total:	6	7	6	11	7	10	11	6	5	4			9	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	2	3	10	2	16	3	1	3	5			5	1%
Emergency Vehicle PD	0	0	0	1	0	1	0	0	0	0			1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	310	219	293	276	286	259	276	296	245	183			264	58%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	132	112	131	127	131	130	146	139	132	120			130	29%
Train Activation	0	0	0	0	0	0	0	0	5	99			52	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	444	333	427	414	419	406	425	436	385	407			452	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	1	0	0	0	0	0	0	0	0			1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	2	0	0	0	1	0	0	0	0	0			2	13%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	0			1	8%
Glare on Plate	0	1	1	3	1	2	2	2	0	0			2	14%
Glare on Windshield	0	1	0	0	0	0	0	0	0	0			1	8%
Illegible Plate	1	0	0	1	0	0	2	2	1	1			1	11%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0	0			1	8%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	0	1	2	1	0	3	1	1	0			1	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	1	0	0	0	0	0	0	0	0			1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0	0			1	8%
Total:	5	4	2	6	3	2	7	6	3	1			12	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	1	0	1	0	0	0	0			1	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	2	0	0	2	1	0	0	0			2	29%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	1	0	1	0	0	0	0			1	18%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1			1	18%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0			1	18%
Total:	0	0	2	2	0	5	1	0	0	1			6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	16	16	0	17	19	18	20	17	19			18	
Average Issued Red Seconds	65.2	248.9	36.1	0.0	397.7	238.4	518.8	50.2	207.9	121.6			209	
Citation / Violation Issuance Rate	17%	43%	33%	27%	57%	30%	27%	0%	40%	50%			36%	
Controllable Issuance Rate	100%	100%	50%	60%	100%	38%	75%	0%	100%	67%			77%	



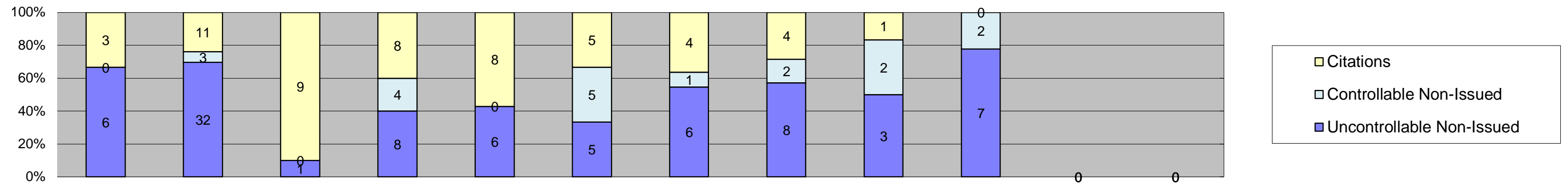
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4047: EB to NB 3rd @ Ford



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 Monthly Average	
													Quantity	%
Non-Violations	926	689	742	860	832	678	646	758	627	711			747	97%
Violations	74	43	23	20	14	12	19	17	6	8			24	3%
Total:	1,000	732	765	880	846	690	665	775	633	719			771	100%
Violations														
Uncontrollable Non-Issued	50	23	15	13	8	3	8	10	6	5			14	57%
Controllable Non-Issued	7	11	2	2	3	4	6	3	0	2			4	18%
Citations	17	9	6	5	3	5	5	4	0	1			6	25%
Total:	74	43	23	20	14	12	19	17	6	8			25	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	0	0	4	4	2	0	2	0	0			3	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	786	552	620	728	697	541	507	628	502	442			600	74%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	137	137	122	128	131	135	139	128	119	128			130	16%
Train Activation	0	0	0	0	0	0	0	0	6	141			74	9%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	926	689	742	860	832	678	646	758	627	711			807	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	1	0	1	1	1	0	1	0	1			1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	7	3	0	0	1	0	0	0	0	0			4	15%
Driver Obstructed	7	1	2	3	1	0	3	2	0	0			3	11%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	5	3	2	1	1	1	1	1	0	0			2	8%
Glare on Windshield	4	4	3	2	0	0	0	2	2	1			3	10%
Illegible Plate	8	5	4	4	0	0	2	4	0	1			4	16%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	15	4	2	1	3	0	1	0	4	1			4	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	2	2	1	0	0	1	0	0	0	0			2	6%
Out of State	0	0	0	0	1	0	0	0	0	0			1	4%
Plate Obstructed	2	0	0	0	0	0	1	0	0	1			1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	1	1	0	0	0	0	0	0			1	4%
Total:	50	23	15	13	8	3	8	10	6	5			25	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	1	0	1	1	0	0	0	0	0			1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	7	6	0	0	1	2	4	2	0	0			4	44%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	1			1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	4	2	1	1	1	2	0	0	1			2	20%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0			1	12%
Total:	7	11	2	2	3	4	6	3	0	2			8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	18	18	15	18	19	17	18	22	19			18	
Average Issued Red Seconds	100.9	103.9	404.6	68.2	110.1	38.5	24.4	27.0	83.8	22.9			98	
Citation / Violation Issuance Rate	23%	21%	26%	25%	21%	42%	26%	24%	0%	13%			24%	
Controllable Issuance Rate	71%	45%	75%	71%	50%	56%	45%	57%	0%	33%			56%	



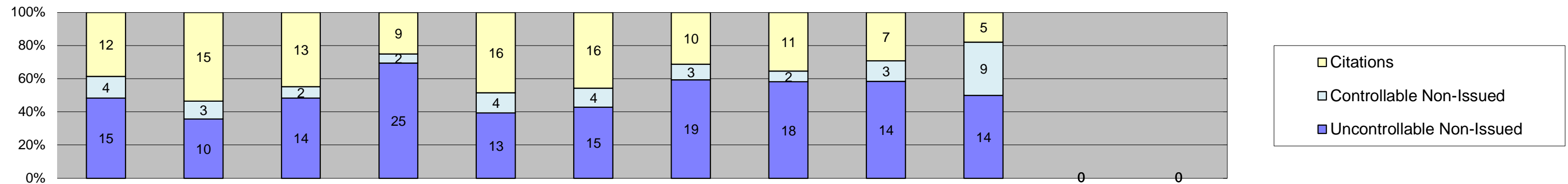
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4049: WB to SB 3rd @ Ford



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 Monthly Average	
													Quantity	%
Non-Violations	243	343	260	271	279	273	274	297	327	206			277	95%
Violations	9	46	10	20	14	15	11	14	6	9			15	5%
Total:	252	389	270	291	293	288	285	311	333	215			293	100%
Violations														
Uncontrollable Non-Issued	6	32	1	8	6	5	6	8	3	7			8	49%
Controllable Non-Issued	0	3	0	4	0	5	1	2	2	2			3	16%
Citations	3	11	9	8	8	5	4	4	1	0			6	35%
Total:	9	46	10	20	14	15	11	14	6	9			17	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	2	1	14	10	11	3	3	1	1			5	2%
Emergency Vehicle PD	1	1	0	0	0	0	0	0	0	0			1	0%
Intersection Control in Progress- PD	0	1	0	0	0	0	0	0	0	0			1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	118	215	124	141	148	147	148	159	197	58			146	48%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	119	124	135	116	121	115	123	135	113	100			120	39%
Train Activation	0	0	0	0	0	0	0	0	16	47			32	10%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	243	343	260	271	279	273	274	297	327	206			304	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	2	0	1	0	2	0	0	0	0			2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	6	0	0	1	0	0	1	0	0			2	11%
Driver Obstructed	0	9	0	0	1	0	3	0	1	0			4	18%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	0	1	0	0	0	0			1	5%
Glare on Windshield	1	2	1	1	1	0	0	1	0	0			1	6%
Illegible Plate	0	5	0	1	0	0	1	0	0	3			3	13%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	2	6	0	4	3	2	2	3	2	4			3	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	1	0	0			1	5%
Out of State	1	0	0	0	0	0	0	0	0	0			1	5%
Plate Obstructed	1	1	0	0	0	0	0	0	0	0			1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	1	0	0	0	2	0	0			2	8%
Total:	6	32	1	8	6	5	6	8	3	7			20	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	2	0	1	0	3	0	1	0	1			2	32%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	1	0	0	0	1	0	0	0	0			1	20%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	3	0	1	1	1	1	0			1	28%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	1			1	20%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	3	0	4	0	5	1	2	2	2			5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	16	19	17	18	19	17	21	16	14			17	
Average Issued Red Seconds	155.0	236.5	162.7	161.1	169.4	122.4	207.4	138.7	161.3	101.5			162	
Citation / Violation Issuance Rate	33%	24%	90%	40%	57%	33%	36%	29%	17%	0%			40%	
Controllable Issuance Rate	100%	79%	100%	67%	100%	50%	80%	67%	33%	0%			75%	



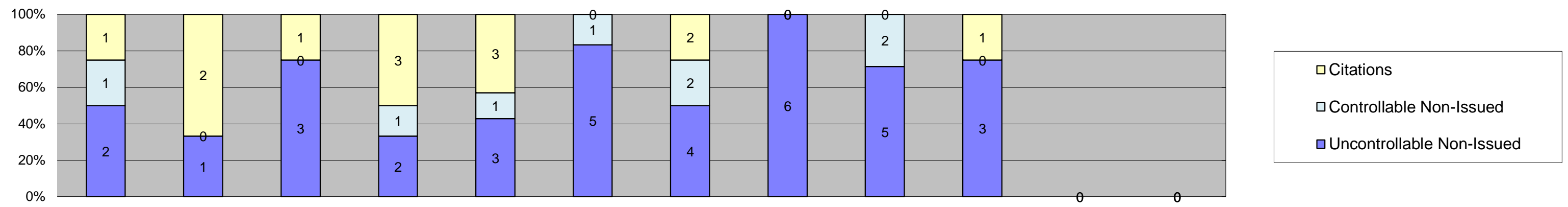
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4057: EB to NB 3rd @ Eastern



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 Monthly Average	
													Quantity	%
Non-Violations	325	289	351	287	327	310	317	320	260	315			310	91%
Violations	31	28	29	36	33	35	32	31	24	28			31	9%
Total:	356	317	380	323	360	345	349	351	284	343			341	100%
Violations														
Uncontrollable Non-Issued	15	10	14	25	13	15	19	18	14	14			16	51%
Controllable Non-Issued	4	3	2	2	4	4	3	2	3	9			4	12%
Citations	12	15	13	9	16	16	10	11	7	5			11	37%
Total:	31	28	29	36	33	35	32	31	24	28			31	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	3	4	0	3	5	1	5	7	2			3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	204	170	220	171	198	183	192	185	138	141			180	54%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	1			1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	120	116	127	116	126	122	124	130	113	114			121	36%
Train Activation	0	0	0	0	0	0	0	0	2	57			30	9%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	325	289	351	287	327	310	317	320	260	315			335	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	1	1	0	0	0	2	0	0	1	0			1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	0	1	0	1	1	1	0	1			1	4%
Driver Obstructed	1	3	2	4	2	4	4	3	1	2			3	10%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0	0			1	4%
Glare on Plate	0	0	0	4	2	0	0	4	0	0			3	13%
Glare on Windshield	1	0	0	2	1	1	4	0	2	1			2	6%
Illegible Plate	1	1	1	1	0	0	0	0	0	0			1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	7	4	5	12	6	6	10	5	8	8			7	27%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	2	0	0	0	1	1	0	0	0	1			1	5%
Out of State	0	0	1	0	1	0	0	0	2	0			1	5%
Plate Obstructed	1	0	1	0	0	0	0	0	0	0			1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	4%
TSB No Hit	0	0	4	1	0	0	0	4	0	0			3	11%
Total:	15	10	14	25	13	15	19	18	14	14			27	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	2	1	0	0	3	1	1	1	0	2			2	16%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	2	1	1	1	1	2	0	0	0			1	14%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	1			1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	2	0	1	1	0	2	0	1	0	0			1	14%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	3	6			5	46%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	4	3	2	2	4	4	3	2	3	9			10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	22	22	22	19	22	22	23	22	21	21			22	
Average Issued Red Seconds	54.4	31.5	5.2	68.2	5.7	10.4	70.0	8.2	23.5	11.8			29	
Citation / Violation Issuance Rate	39%	54%	45%	25%	48%	46%	31%	35%	29%	18%			37%	
Controllable Issuance Rate	75%	83%	87%	82%	80%	80%	77%	85%	70%	36%			75%	



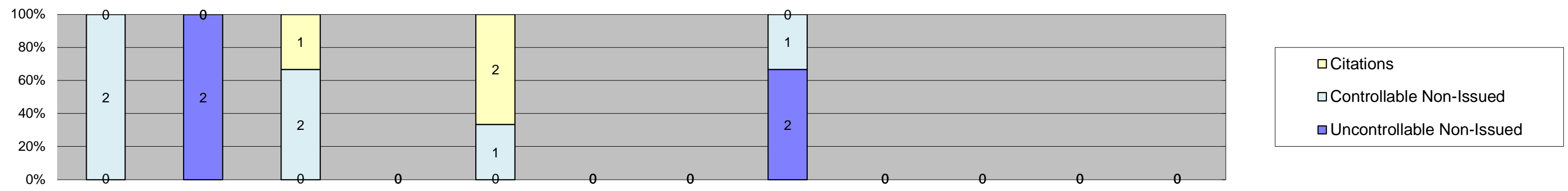
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4059: WB to SB 3rd @ Eastern



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 Monthly Average	
													Quantity	%
Non-Violations	286	254	304	309	307	294	301	352	354	288			305	98%
Violations	4	3	4	6	7	6	8	6	7	4			6	2%
Total:	290	257	308	315	314	300	309	358	361	292			310	100%
Violations														
Uncontrollable Non-Issued	2	1	3	2	3	5	4	6	5	3			3	52%
Controllable Non-Issued	1	0	0	1	1	1	2	0	2	0			1	20%
Citations	1	2	1	3	3	0	2	0	0	1			2	28%
Total:	4	3	4	6	7	6	8	6	7	4			7	100%
Non-Violations														
Emergency Vehicle Non-Issuable	17	9	12	30	9	19	14	14	13	10			15	4%
Emergency Vehicle PD	0	0	2	0	1	1	3	1	0	0			2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	149	136	166	161	177	162	161	208	212	60			159	45%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	120	109	124	118	120	112	123	129	110	107			117	33%
Train Activation	0	0	0	0	0	0	0	0	19	111			65	18%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	286	254	304	309	307	294	301	352	354	288			358	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	0	1	0	0			1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	0	0	0	0	1	0	0	0			1	8%
Driver Obstructed	1	0	1	1	1	2	2	0	0	1			1	11%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	1			1	8%
Glare on Plate	0	0	0	0	1	2	1	0	0	0			1	11%
Glare on Windshield	0	0	0	0	0	0	0	0	0	0			0	0%
Illegible Plate	0	0	0	0	0	0	0	1	0	0			1	8%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0	0			1	8%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	1	1	1	0	1	0	2	4	1			2	13%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	1	0	0			1	8%
Out of State	0	0	0	0	1	0	0	0	0	0			1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	1	0	0	0	0	1	0	0			1	8%
Total:	2	1	3	2	3	5	4	6	5	3			12	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	1	1	0	2	0	1	0			1	56%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0			0	0%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	1	0	0	0	0	1	0	0	1	0			1	44%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1	0	0	1	1	1	2	0	2	0			2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	21	23	17	18	20	18	18	19	18	16			19	
Average Issued Red Seconds	632.3	116.3	653.5	194.9	489.8	374.3	221.7	330.5	38.9	236.4			329	
Citation / Violation Issuance Rate	25%	67%	25%	50%	43%	0%	25%	0%	0%	25%			37%	
Controllable Issuance Rate	50%	100%	100%	75%	75%	0%	50%	0%	0%	100%			79%	



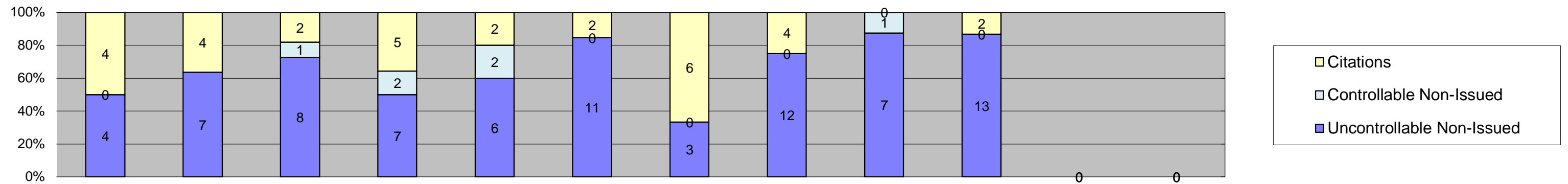
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4069: WB to SB 3rd @ Downey



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 Monthly Average	
													Quantity	%
Non-Violations	330	315	363	338	505	364	333	354	361	417			368	99%
Violations	2	2	3	0	3	0	0	3	0	0			3	1%
Total:	332	317	366	338	508	364	333	357	361	417			371	100%
Violations														
Uncontrollable Non-Issued	0	2	0	0	0	0	0	2	0	0			2	40%
Controllable Non-Issued	2	0	2	0	1	0	0	1	0	0			2	30%
Citations	0	0	1	0	2	0	0	0	0	0			2	30%
Total:	2	2	3	0	3	0	0	3	0	0			5	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	3	3	7	5	5	0	1	1			3	1%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0	0			1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	202	199	232	218	367	234	199	218	232	180			228	56%
Rear Axle Activation	0	0	1	0	1	0	0	0	0	0			1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	126	115	126	117	130	125	129	136	124	140			127	31%
Train Activation	0	0	0	0	0	0	0	0	4	96			50	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	330	315	363	338	505	364	333	354	361	417			410	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0	0			1	33%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Windshield	0	0	0	0	0	0	0	0	0	0			0	0%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	1	0	0	0	0	0	1	0	0			1	33%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	0	0	0	0	0	0	0	0			0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0	0			1	33%
Total:	0	2	0	0	0	0	0	2	0	0			3	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	0	2	0	1	0	0	0	0	0			1	40%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0			1	30%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	1	0	0	0	0	0	0	0	0	0			1	30%
Total:	2	0	2	0	1	0	0	1	0	0			3	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	0	18	16	0	23	0	22	18	0	0			19	
Average Issued Red Seconds	0.0	18.7	9.1	0.0	150.5	0.0	533.1	242.9	0.0	0.0			191	
Citation / Violation Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%	0%			50%	
Controllable Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%	0%			50%	



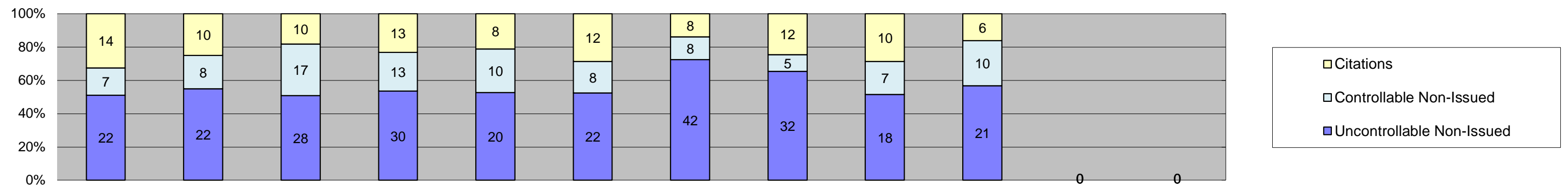
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4077: EB to NB 3rd @ Gage



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 Monthly Average	
													Quantity	%
Non-Violations	212	232	232	243	248	210	221	237	201	219			226	95%
Violations	8	11	11	14	10	13	9	16	8	15			12	5%
Total:	220	243	243	257	258	223	230	253	209	234			237	100%
Violations														
Uncontrollable Non-Issued	4	7	8	7	6	11	3	12	7	13			8	61%
Controllable Non-Issued	0	0	1	2	2	0	0	0	1	0			2	12%
Citations	4	4	2	5	2	2	6	4	0	2			3	27%
Total:	8	11	11	14	10	13	9	16	8	15			13	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	1	0	0	1	1	0	1			1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	87	106	97	121	122	91	104	108	74	40			95	37%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	125	126	135	121	126	119	116	128	121	112			123	48%
Train Activation	0	0	0	0	0	0	0	0	6	66			36	14%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	212	232	232	243	248	210	221	237	201	219			255	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	1	0	0	0	0			1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	0	2	0	0	0	0	0	1			1	7%
Driver Obstructed	0	0	1	1	0	0	0	0	2	0			1	7%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1			1	5%
Glare on Plate	0	4	4	0	2	6	2	1	0	3			3	16%
Glare on Windshield	0	0	0	0	0	1	0	1	1	0			1	5%
Illegible Plate	1	0	0	2	0	1	0	0	1	2			1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	1	0	1	0	0	0	0	0			1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	2	1	2	3	0	1	3	2	5			2	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	2	1	0			1	7%
Out of State	0	0	1	0	0	1	0	0	0	0			1	5%
Plate Obstructed	0	0	0	0	0	0	0	1	0	0			1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	4	0	1			3	13%
Total:	4	7	8	7	6	11	3	12	7	13			19	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	1	0	0	0	0	0			1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0			0	0%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	1	1	1	0	0	0	0	0			1	25%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	0			1	25%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0			1	25%
Total:	0	0	1	2	2	0	0	0	1	0			4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	18	17	21	18	15	20	16	19	19	20			18	
Average Issued Red Seconds	34.5	0.3	0.5	2.8	115.3	159.3	37.5	1.6	29.5	0.5			38	
Citation / Violation Issuance Rate	50%	36%	18%	36%	20%	15%	67%	25%	0%	13%			31%	
Controllable Issuance Rate	100%	100%	67%	71%	50%	100%	100%	100%	0%	100%			88%	



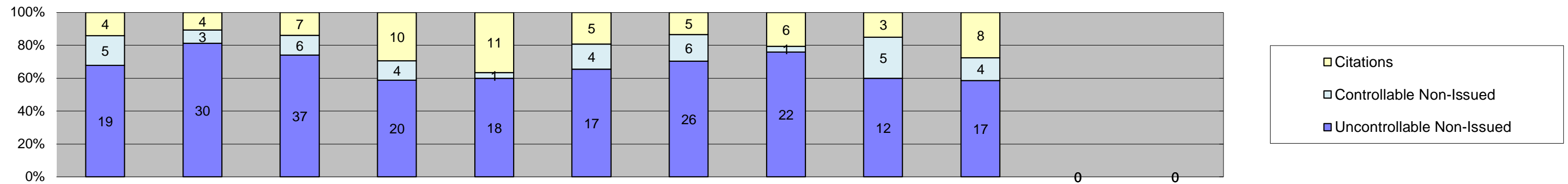
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4079: WB to SB 3rd @ Gage



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 Monthly Average	
													Quantity	%
Non-Violations	453	397	451	424	433	455	435	452	410	435			435	91%
Violations	43	40	55	56	38	42	58	49	35	37			45	9%
Total:	496	437	506	480	471	497	493	501	445	472			480	100%
Violations														
Uncontrollable Non-Issued	22	22	28	30	20	22	42	32	18	21			26	57%
Controllable Non-Issued	7	8	17	13	10	8	8	5	7	10			9	21%
Citations	14	10	10	13	8	12	8	12	10	6			10	23%
Total:	43	40	55	56	38	42	58	49	35	37			45	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	7	0	10	2	4	2	2	2	1			4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	333	282	331	295	307	320	310	321	280	211			299	62%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	116	108	120	119	124	130	123	129	117	122			121	25%
Train Activation	0	0	0	0	0	0	0	0	11	101			56	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0	0	0	0			1	0%
Total:	453	397	451	424	433	455	435	452	410	435			481	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	1	1	1	1	0	0	2	0	1	2			1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	6	4	4	3	2	0	2	0	0	2			3	10%
Driver Obstructed	3	3	3	4	5	3	8	3	5	5			4	13%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	1	2	3	0	2	7	5	3	1	2			3	9%
Glare on Windshield	3	3	3	6	3	3	10	1	5	2			4	12%
Illegible Plate	0	0	0	0	1	0	2	1	0	1			1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	5	5	5	11	7	6	9	10	5	5			7	21%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	2	4	3	3	0	3	1	7	1	2			3	9%
Out of State	1	0	1	0	0	0	2	1	0	0			1	4%
Plate Obstructed	0	0	1	1	0	0	1	1	0	0			1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	4	1	0	0	0	5	0	0			3	10%
Total:	22	22	28	30	20	22	42	32	18	21			32	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	4	0	5	3	2	1	0	3	3	5			3	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	2	2	2	1	0	1	0	0	0			2	11%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	2	0	3	2	1	1	0	1	0	1			2	11%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	1	6	7	6	6	5	7	1	4	1			4	30%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	3			3	20%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0			1	7%
Total:	7	8	17	13	10	8	8	5	7	10			15	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	16	16	16	16	14	17	17	16	15	15			16	
Average Issued Red Seconds	16.0	44.8	50.9	34.2	120.4	22.3	17.5	42.5	14.8	44.6			41	
Citation / Violation Issuance Rate	33%	25%	18%	23%	21%	29%	14%	24%	29%	16%			23%	
Controllable Issuance Rate	67%	56%	37%	50%	44%	60%	50%	71%	59%	38%			53%	



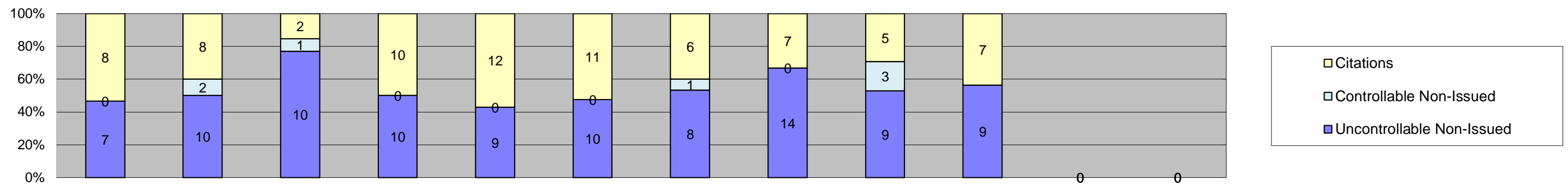
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4083: EB to NB 3rd @ Rowan



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 Monthly Average	
													Quantity	%
Non-Violations	762	691	720	622	661	700	724	603	685	767			694	96%
Violations	28	37	50	34	30	26	37	29	20	29			32	4%
Total:	790	728	770	656	691	726	761	632	705	796			726	100%
Violations														
Uncontrollable Non-Issued	19	30	37	20	18	17	26	22	12	17			22	68%
Controllable Non-Issued	5	3	6	4	1	4	6	1	5	4			4	12%
Citations	4	4	7	10	11	5	5	6	3	8			6	20%
Total:	28	37	50	34	30	26	37	29	20	29			32	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	4	0	1	1	2	0	1	0	3			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	626	566	589	501	521	569	597	481	552	476			548	73%
Rear Axle Activation	0	0	0	0	1	0	0	0	0	0			1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	135	121	131	119	138	129	127	121	124	148			129	17%
Train Activation	0	0	0	0	0	0	0	0	9	140			75	10%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	1	0	0	0	0	0	0			1	0%
Total:	762	691	720	622	661	700	724	603	685	767			755	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	1	0	1	0	0	0	0	0	1	0			1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	1	0	0	0	0	0	0	1			1	3%
Driver Obstructed	0	0	0	0	0	0	1	0	1	1			1	3%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1			1	3%
Glare on Plate	6	17	10	8	5	2	5	1	0	4			6	19%
Glare on Windshield	0	0	0	1	1	0	0	2	1	0			1	4%
Illegible Plate	9	7	13	6	8	7	12	6	2	2			7	22%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	4	5	3	4	7	8	4	5	7			5	14%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0	0	1	0			1	3%
Out of State	1	0	1	1	0	1	0	1	1	0			1	3%
Plate Obstructed	0	2	3	1	0	0	0	1	0	0			2	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	3%
TSB No Hit	0	0	3	0	0	0	0	7	0	0			5	15%
Total:	19	30	37	20	18	17	26	22	12	17			33	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	1	0	1	1	0	1	0	0	1	0			1	11%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	2	2	1	1	1	1	1	1	0	0			1	14%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	1	0	0	0	1			1	11%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	2	1	3	2	0	1	5	0	1	1			2	23%
Framing of Driver	0	0	0	0	0	0	0	0	1	0			1	11%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	1	0	0	0	0	0	1	0			1	11%
Reject Expired	0	0	0	0	0	0	0	0	1	2			2	17%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	5	3	6	4	1	4	6	1	5	4			9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	15	17	17	16	15	15	16	17	16	15			16	
Average Issued Red Seconds	50.2	0.9	35.5	74.1	75.6	25.9	41.9	131.5	32.0	25.4			49	
Citation / Violation Issuance Rate	14%	11%	14%	29%	37%	19%	14%	21%	15%	28%			20%	
Controllable Issuance Rate	44%	57%	54%	71%	92%	56%	45%	86%	38%	67%			61%	



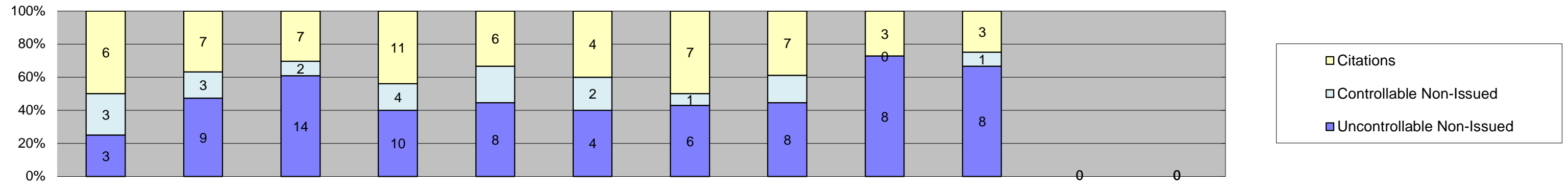
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4085: WB to SB 3rd @ Rowan



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 Monthly Average	
													Quantity	%
Non-Violations	210	204	216	200	217	250	232	225	191	194			214	92%
Violations	15	20	13	20	21	21	15	21	17	16			18	8%
Total:	225	224	229	220	238	271	247	246	208	210			232	100%
Violations														
Uncontrollable Non-Issued	7	10	10	10	9	10	8	14	9	9			10	51%
Controllable Non-Issued	0	2	1	0	0	0	1	0	3	0			2	9%
Citations	8	8	2	10	12	11	6	7	5	7			8	40%
Total:	15	20	13	20	21	21	15	21	17	16			19	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	1	1	2	6	2	10	4	3	0			4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	89	93	90	84	89	125	104	100	71	36			88	38%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	117	110	125	114	122	123	118	121	115	114			118	51%
Train Activation	0	0	0	0	0	0	0	0	2	44			23	10%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	210	204	216	200	217	250	232	225	191	194			233	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	0	1	0	1	0			1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	3	0	0	1	1	0	0	0	1			2	6%
Driver Obstructed	2	1	0	1	0	0	2	0	0	0			2	6%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	0			1	4%
Glare on Plate	2	4	0	1	2	2	0	2	0	0			2	9%
Glare on Windshield	0	0	0	0	0	0	0	1	0	0			1	4%
Illegible Plate	0	1	4	2	2	2	1	1	3	0			2	9%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0	0			1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	3	1	4	3	3	5	3	0	4	5			3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	1	0	1			1	4%
Out of State	0	0	0	2	0	0	0	5	0	0			4	15%
Plate Obstructed	0	0	0	0	0	0	1	0	0	1			1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	4%
TSB No Hit	0	0	2	1	0	0	0	3	0	0			2	9%
Total:	7	10	10	10	9	10	8	14	9	9			23	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	1	0	0	0	1	0	0	0			1	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	0	0	0	0	1	0			1	22%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	2	0	0	0	0	0	0	1	0			2	33%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	0			1	22%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	2	1	0	0	0	1	0	3	0			5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	16	15	14	14	15	15	14	15	14	14			15	
Average Issued Red Seconds	25.4	28.1	53.0	30.2	13.8	40.5	23.5	16.1	28.7	18.6			28	
Citation / Violation Issuance Rate	53%	40%	15%	50%	57%	52%	40%	33%	29%	44%			41%	
Controllable Issuance Rate	100%	80%	67%	100%	100%	100%	86%	100%	63%	100%			89%	



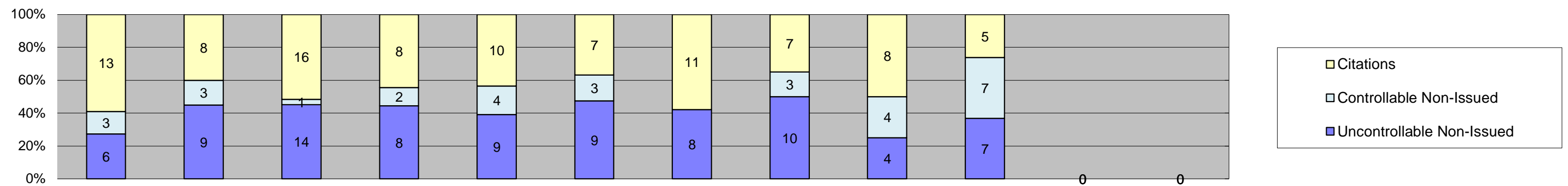
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4087: EB to NB 1st @ Lorena



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 Monthly Average	
													Quantity	%
Non-Violations	490	459	499	502	481	483	470	535	446	497			486	97%
Violations	12	19	23	25	18	10	14	18	11	12			16	3%
Total:	502	478	522	527	499	493	484	553	457	509			502	100%
Violations														
Uncontrollable Non-Issued	3	9	14	10	8	4	6	8	8	8			8	47%
Controllable Non-Issued	3	3	2	4	4	2	1	3	0	1			3	16%
Citations	6	7	7	11	6	4	7	7	3	3			6	37%
Total:	12	19	23	25	18	10	14	18	11	12			16	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	4	0	2	0	1	2	0	0	0			2	0%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0	0			1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	352	346	361	375	350	356	345	406	311	222			342	61%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	136	109	138	124	130	126	123	129	126	114			126	23%
Train Activation	0	0	0	0	0	0	0	0	9	161			85	15%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0	0	0	0			1	0%
Total:	490	459	499	502	481	483	470	535	446	497			557	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	1	0	0	0	0	0	0	0	0			1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	2	0	1	0	0	0	1	0			1	6%
Driver Obstructed	1	1	0	1	0	0	0	1	0	0			1	5%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	1	1	1	1	1	1	1	1	0	2			1	6%
Glare on Windshield	0	2	0	1	1	0	0	0	3	5			2	13%
Illegible Plate	0	0	0	1	0	0	0	0	0	0			1	5%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	1	0	1	0	1	0			1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	2	5	4	3	2	3	1	3	0			3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	3	1	1	1	0	0	0	0			2	8%
Out of State	0	0	0	0	0	0	1	1	0	0			1	5%
Plate Obstructed	0	1	2	0	0	0	0	0	0	0			2	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	5%
TSB No Hit	0	0	1	1	0	0	0	4	0	0			2	11%
Total:	3	9	14	10	8	4	6	8	8	8			19	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	2	1	0	1	0	0	1	0	0			1	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	1	1	1	1	0	1	2	0	0			1	18%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	2	0	0	2	2	2	0	0	0	0			2	31%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1			1	16%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0			1	16%
Total:	3	3	2	4	4	2	1	3	0	1			6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	23	20	18	20	19	21	19	19	19	18			20	
Average Issued Red Seconds	146.6	15.6	101.5	5.9	49.8	14.9	57.3	32.6	25.7	63.3			51	
Citation / Violation Issuance Rate	50%	37%	30%	44%	33%	40%	50%	39%	27%	25%			38%	
Controllable Issuance Rate	67%	70%	78%	73%	60%	67%	88%	70%	100%	75%			75%	



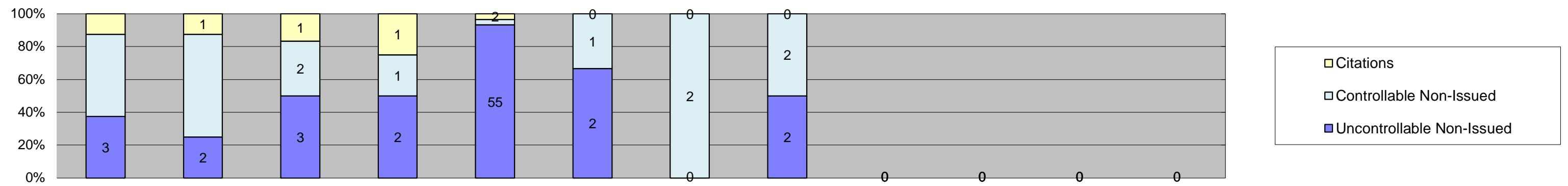
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4089: WB to SB 1st @ Lorena



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 Monthly Average	
													Quantity	%
Non-Violations	258	249	279	243	238	262	265	266	214	248			252	92%
Violations	22	20	31	18	23	19	19	20	16	19			21	8%
Total:	280	269	310	261	261	281	284	286	230	267			273	100%
Violations														
Uncontrollable Non-Issued	6	9	14	8	9	9	8	10	4	7			8	40%
Controllable Non-Issued	3	3	1	2	4	3	0	3	4	7			3	16%
Citations	13	8	16	8	10	7	11	7	8	5			9	44%
Total:	22	20	31	18	23	19	19	20	16	19			21	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	1	1	0	0	1	0	0	1			1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	122	121	132	115	98	116	101	114	84	51			105	37%
Rear Axle Activation	0	0	0	0	0	0	0	1	0	0			1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	136	126	146	127	140	146	163	151	126	125			139	49%
Train Activation	0	0	0	0	0	0	0	0	4	71			38	13%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	258	249	279	243	238	262	265	266	214	248			284	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	1	0	0	1	0	0	1	0	0	0			1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	0	1	0	0	1	0	0	0			1	4%
Driver Obstructed	2	1	2	0	1	1	0	1	0	0			1	6%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	1	0	2	1	0	2	0	0	0			2	6%
Glare on Windshield	0	1	1	0	2	1	1	1	0	0			1	5%
Illegible Plate	0	0	0	0	0	0	2	1	0	0			2	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	1	0	0	0	0			1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	0	3	1	4	5	1	4	4	3			3	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	3	0	2	1	0	0	0	0	0			2	7%
Out of State	0	1	1	1	0	0	0	0	0	0			1	4%
Plate Obstructed	0	1	1	0	0	1	0	0	0	0			1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	4			4	17%
TSB No Hit	0	0	6	0	0	0	0	3	0	0			5	19%
Total:	6	9	14	8	9	9	8	10	4	7			24	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	1	0	1	0	1	0	0	2	3	0			2	16%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	1	1	0	0	0	0			1	10%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	1	0	1	0	0			1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	1	2	0	2	2	1	0	0	0	2			2	16%
Framing of Driver	1	0	0	0	0	0	0	0	0	0			1	10%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	5			3	29%
Speed Not Determined	0	1	0	0	0	0	0	0	0	0			1	10%
Total:	3	3	1	2	4	3	0	3	4	7			10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	18	18	19	20	19	20	18	20	18	18			19	
Average Issued Red Seconds	52.0	44.5	92.7	0.5	16.8	87.7	4.5	17.5	21.0	61.3			40	
Citation / Violation Issuance Rate	59%	40%	52%	44%	43%	37%	58%	35%	50%	26%			44%	
Controllable Issuance Rate	81%	73%	94%	80%	71%	70%	100%	70%	67%	42%			75%	



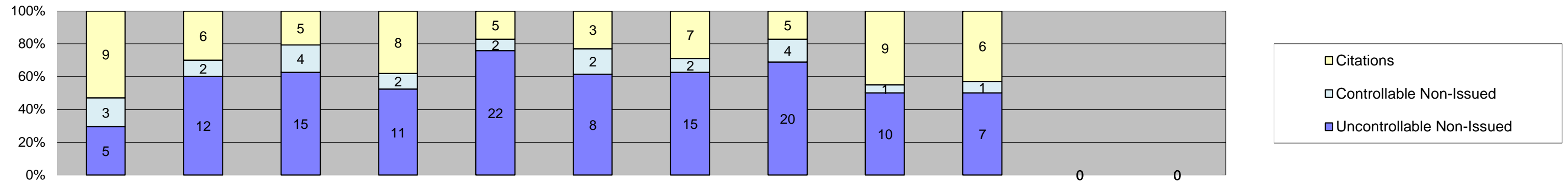
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4097: EB to NB 1st @Clarence



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 Monthly Average	
													Quantity	%
Non-Violations	1,540	1,764	1,597	1,341	1,459	1,481	1,483	1,588	1,646	1,783			1,568	99%
Violations	8	8	6	4	59	3	2	4	0	0			12	1%
Total:	1,548	1,772	1,603	1,345	1,518	1,484	1,485	1,592	1,646	1,783			1,580	100%
Violations														
Uncontrollable Non-Issued	3	2	3	2	55	2	0	2	0	0			10	73%
Controllable Non-Issued	4	5	2	1	2	1	2	2	0	0			2	18%
Citations	1	1	1	1	2	0	0	0	0	0			1	9%
Total:	8	8	6	4	59	3	2	4	0	0			13	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	0	0	0	0	0	0	0			1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	1,450	1,674	1,490	1,255	1,369	1,390	1,393	1,503	1,451	830			1,381	70%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	90	89	107	86	90	91	90	85	70	76			87	4%
Train Activation	0	0	0	0	0	0	0	0	125	877			501	25%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1,540	1,764	1,597	1,341	1,459	1,481	1,483	1,588	1,646	1,783			1,970	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	54	0	0	0	0	0			54	91%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	1	0	0	0	0	1	0	0			1	2%
Driver Obstructed	0	1	0	0	0	0	0	1	0	0			1	2%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	1	0	1	0	0	0	0	0			1	2%
Glare on Windshield	1	0	1	1	0	0	0	0	0	0			1	2%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	0	0	1	0	2	0	0	0	0			1	2%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	0	0	0	0	0	0	0	0			0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	3	2	3	2	55	2	0	2	0	0			59	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	1	0	0	1	0	0	1	0	0			1	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	4	4	2	1	1	1	2	1	0	0			2	67%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	4	5	2	1	2	1	2	2	0	0			3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	16	15	16	16	15	16	14	16	17			16	
Average Issued Red Seconds	426.7	85.6	733.5	596.8	430.8	71.4	0.0	878.6	1023.9	230.3			498	
Citation / Violation Issuance Rate	13%	13%	17%	25%	3%	0%	0%	0%	0%	0%			14%	
Controllable Issuance Rate	20%	17%	33%	50%	50%	0%	0%	0%	0%	0%			34%	



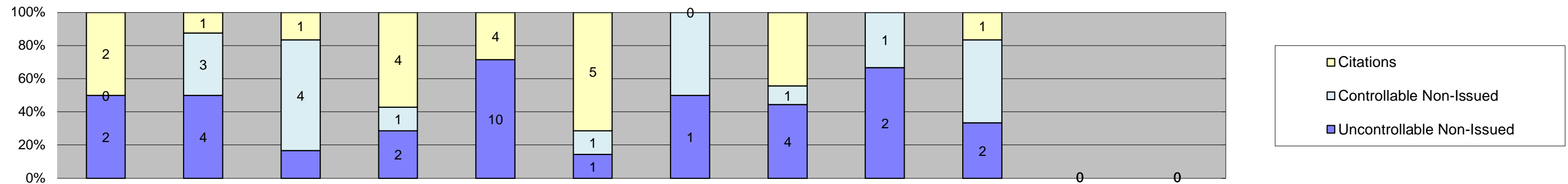
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4099: WB to SB 1st @ Clarence



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 Monthly Average	
													Quantity	%
Non-Violations	1,165	1,081	1,180	1,140	1,183	1,178	1,064	1,102	1,097	1,241			1,143	98%
Violations	17	20	24	21	29	13	24	29	20	14			21	2%
Total:	1,182	1,101	1,204	1,161	1,212	1,191	1,088	1,131	1,117	1,255			1,164	100%
Violations														
Uncontrollable Non-Issued	5	12	15	11	22	8	15	20	10	7			13	59%
Controllable Non-Issued	3	2	4	2	2	2	2	4	1	1			2	11%
Citations	9	6	5	8	5	3	7	5	9	6			6	30%
Total:	17	20	24	21	29	13	24	29	20	14			21	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	3	4	0	1	3	1	0	1			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	1,073	997	1,081	1,056	1,090	1,093	974	1,007	989	887			1,025	81%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	91	83	96	80	93	84	87	94	73	74			86	7%
Train Activation	0	0	0	0	0	0	0	0	35	279			157	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1,165	1,081	1,180	1,140	1,183	1,178	1,064	1,102	1,097	1,241			1,269	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	2	0	0	5	0	0	0	0	0			4	13%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	2	0	0	0	1	1	0	1	0			1	5%
Driver Obstructed	0	0	2	0	1	0	3	2	1	0			2	7%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	2			2	7%
Glare on Plate	2	1	2	1	4	1	4	1	2	0			2	7%
Glare on Windshield	0	1	1	1	0	1	2	2	0	1			1	5%
Illegible Plate	0	0	2	1	2	0	1	1	1	1			1	5%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	1	0	0	0	0	0	0	0			1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	2	3	4	5	6	5	4	9	4	1			4	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	1	1	3	0	0	1	1	0			1	5%
Out of State	0	2	0	0	0	0	0	1	0	0			2	6%
Plate Obstructed	1	1	0	2	1	0	0	0	0	0			1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	2			2	7%
TSB No Hit	0	0	2	0	0	0	0	3	0	0			3	9%
Total:	5	12	15	11	22	8	15	20	10	7			27	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	2	1	2	1	1	2	1	2	0	0			2	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	1	2	0	1	0	1	0	0	0			1	18%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	0	0			2	30%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	1	0	0	0	0	0	0			1	15%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	1			1	15%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	3	2	4	2	2	2	2	4	1	1			7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	19	17	20	18	17	17	18	19	18	19			18	
Average Issued Red Seconds	167.0	236.6	71.4	39.9	12.8	21.2	142.9	43.0	121.3	93.8			95	
Citation / Violation Issuance Rate	53%	30%	21%	38%	17%	23%	29%	17%	45%	43%			32%	
Controllable Issuance Rate	75%	75%	56%	80%	71%	60%	78%	56%	90%	86%			73%	



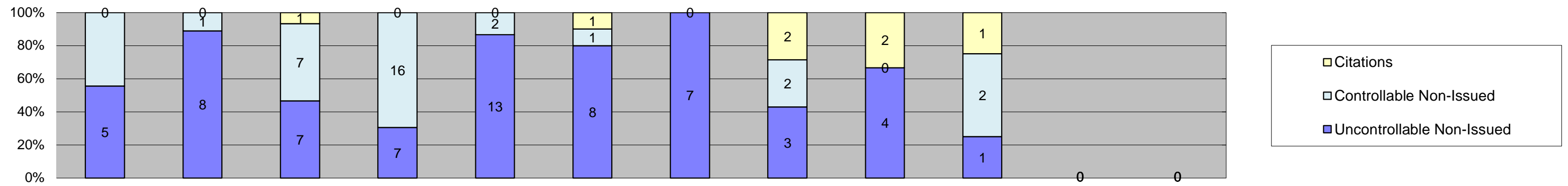
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4109: WB to SB 1st @ Utah



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 Monthly Average	
													Quantity	%
Non-Violations	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399	1,532			1,539	100%
Violations	4	8	6	7	14	7	2	9	3	6			7	0%
Total:	1,366	1,321	2,348	1,420	1,513	1,499	1,364	1,681	1,402	1,538			1,545	100%
Violations														
Uncontrollable Non-Issued	2	4	1	2	10	1	1	4	2	2			3	39%
Controllable Non-Issued	0	3	4	1	0	1	1	1	1	3			2	25%
Citations	2	1	1	4	4	5	0	4	0	1			3	37%
Total:	4	8	6	7	14	7	2	9	3	6			8	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	2	0	0	0	1	0	0	0			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	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	1,585	1,223	535			1,351	69%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	89	80	95	88	86	86	83	87	67	67			83	4%
Train Activation	0	0	0	0	0	0	0	0	109	930			520	27%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399	1,532			1,955	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	9	0	0	1	0	0			5	38%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Obstructed	1	1	0	0	0	0	0	0	1	0			1	8%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	1	0	1	1	0	1	1	1	1			1	8%
Glare on Windshield	0	1	0	0	0	0	0	0	0	0			1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	1	1	0	0	1	0	0	0	0			1	8%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0	0	0	0			1	8%
Out of State	0	0	0	0	0	0	0	0	0	0			0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	8%
TSB No Hit	0	0	0	0	0	0	0	2	0	0			2	15%
Total:	2	4	1	2	10	1	1	4	2	2			13	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	3	4	0	0	1	0	0	0	0			3	31%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0			1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	1	0	0	0	0	1	0			1	12%
Framing of Driver	0	0	0	0	0	0	1	0	0	0			1	12%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	3			3	35%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	3	4	1	0	1	1	1	1	3			9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	17	17	18	16	18	17	15	16	15	17			17	
Average Issued Red Seconds	140.0	9.7	49.5	132.7	548.6	92.6	160.3	555.8	78.2	593.8			236	
Citation / Violation Issuance Rate	50%	13%	17%	57%	29%	71%	0%	44%	0%	17%			37%	
Controllable Issuance Rate	100%	25%	20%	80%	100%	83%	0%	80%	0%	25%			64%	



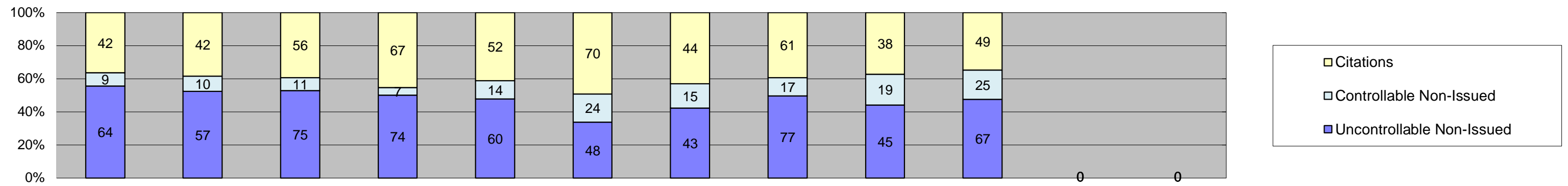
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4119: WB to SB 1st @ Anderson



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 Monthly Average	
													Quantity	%
Non-Violations	1,352	1,144	1,425	2,793	1,186	1,387	1,358	1,438	1,289	1,481			1,485	99%
Violations	9	9	15	23	15	10	7	7	6	4			11	1%
Total:	1,361	1,153	1,440	2,816	1,201	1,397	1,365	1,445	1,295	1,485			1,496	100%
Violations														
Uncontrollable Non-Issued	5	8	7	7	13	8	7	3	4	1			6	52%
Controllable Non-Issued	4	1	7	16	2	1	0	2	0	2			4	36%
Citations	0	0	1	0	0	1	0	2	2	1			1	12%
Total:	9	9	15	23	15	10	7	7	6	4			12	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	1	0	1	1	0	0	0			1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	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	1,350	1,150	706			1,322	74%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	88	87	94	94	91	87	85	88	70	75			86	5%
Train Activation	0	0	0	0	0	0	0	0	69	700			385	21%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1,352	1,144	1,425	2,793	1,186	1,387	1,358	1,438	1,289	1,481			1,794	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	1	0	1	1	1	0	0	0	0			1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	0	1	0	1	0	2	0	0	0			1	11%
Driver Obstructed	1	2	0	1	1	1	1	1	0	0			1	9%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Windshield	1	0	0	2	1	0	0	1	0	0			1	10%
Illegible Plate	2	1	2	1	2	3	2	0	1	0			2	14%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0	0			1	8%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	4	3	1	7	3	2	1	3	0			3	23%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	1	0	0	0	0	0	0	0			1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1			1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	5	8	7	7	13	8	7	3	4	1			12	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	3	0	3	1	2	0	0	2	0	2			2	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	1	4	15	0	1	0	0	0	0			4	67%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	4	1	7	16	2	1	0	2	0	2			7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	0	0	21	15	17	16	18	17	19	19			18	
Average Issued Red Seconds	0.0	0.0	581.6	137.7	302.9	189.5	849.0	311.3	507.0	356.6			404	
Citation / Violation Issuance Rate	0%	0%	7%	0%	0%	10%	0%	29%	33%	25%			21%	
Controllable Issuance Rate	0%	0%	13%	0%	0%	50%	0%	50%	100%	33%			49%	



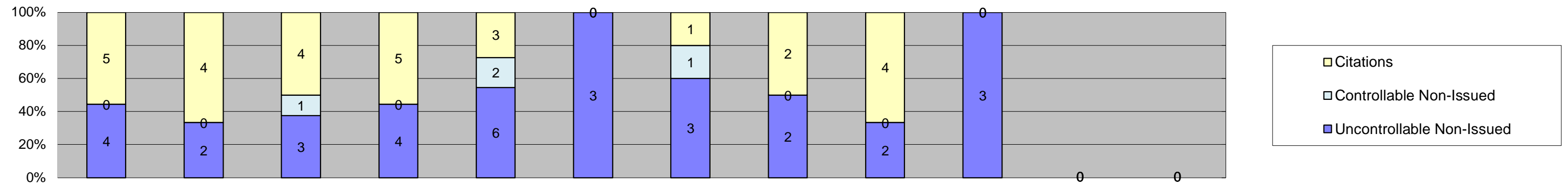
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4127: EB to NB 1st @ Mission



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 Monthly Average	
													Quantity	%
Non-Violations	772	739	787	629	713	754	723	806	806	896			763	86%
Violations	115	109	142	148	126	142	102	155	102	141			128	14%
Total:	887	848	929	777	839	896	825	961	908	1,037			891	100%
Violations														
Uncontrollable Non-Issued	64	57	75	74	60	48	43	77	45	67			61	48%
Controllable Non-Issued	9	10	11	7	14	24	15	17	19	25			15	12%
Citations	42	42	56	67	52	70	44	61	38	49			52	41%
Total:	115	109	142	148	126	142	102	155	102	141			128	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	3	1	0	0	4	4	2	1	1			2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	675	650	688	539	615	655	631	706	697	612			647	76%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	95	86	98	90	97	94	88	98	90	95			93	11%
Train Activation	0	0	0	0	0	0	0	0	18	188			103	12%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	1	1	0	0	0	0			1	0%
Total:	772	739	787	629	713	754	723	806	806	896			846	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	3	2	0	1	3	3	2	1	1	3			2	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	1	1	6	3	0	1	2	0	1	3			2	3%
Driver Obstructed	3	2	1	6	2	6	6	4	2	2			3	4%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1			1	1%
Glare on Plate	30	28	23	22	18	7	11	12	14	22			19	23%
Glare on Windshield	0	1	3	2	0	3	1	1	2	1			2	2%
Illegible Plate	0	0	2	0	1	1	3	5	4	1			2	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	1	0	0	0	1	0	0	1	0	0			1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	20	21	26	25	24	25	16	24	16	20			22	26%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	0	1	4	6	1	0	1	0	0			2	3%
Out of State	1	1	4	4	4	1	2	5	3	4			3	4%
Plate Obstructed	4	1	2	4	1	0	0	1	2	0			2	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	10			10	12%
TSB No Hit	0	0	7	3	0	0	0	22	0	0			11	13%
Total:	64	57	75	74	60	48	43	77	45	67			82	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	1	3	2	2	5	11	0	4	0	1			4	11%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	7	7	9	3	8	11	6	6	1	2			6	18%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	3	1	2	2			2	6%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	2	1	1	4	0	9	1			3	9%
Framing of Driver	0	0	0	0	0	1	2	0	3	3			2	7%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	6	0	0			6	18%
Reject Expired	0	0	0	0	0	0	0	0	4	16			10	30%
Speed Not Determined	1	0	0	0	0	0	0	0	0	0			1	3%
Total:	9	10	11	7	14	24	15	17	19	25			34	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	20	20	20	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	11.2	17.9	8.1			21	
Citation / Violation Issuance Rate	37%	39%	39%	45%	41%	49%	43%	39%	37%	35%			40%	
Controllable Issuance Rate	82%	81%	84%	91%	79%	74%	75%	78%	67%	66%			78%	



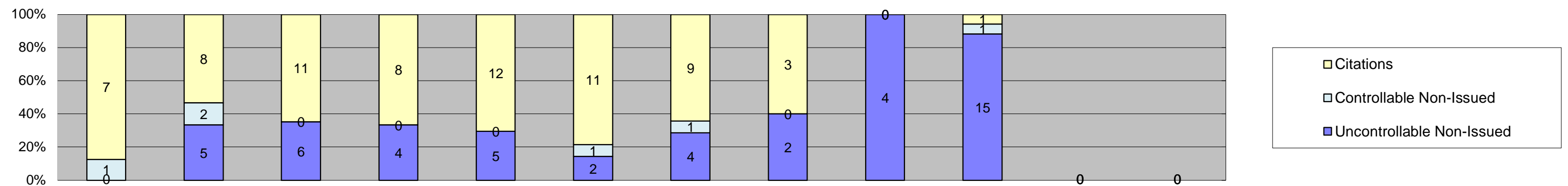
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4129: WB to SB 1st @ Mission



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 Monthly Average	
													Quantity	%
Non-Violations	632	725	882	981	777	873	780	870	708	761			799	99%
Violations	9	6	8	9	11	3	5	4	6	3			6	1%
Total:	641	731	890	990	788	876	785	874	714	764			805	100%
Violations														
Uncontrollable Non-Issued	4	2	3	4	6	3	3	2	2	3			3	40%
Controllable Non-Issued	0	0	1	0	2	0	1	0	0	0			1	17%
Citations	5	4	4	5	3	0	1	2	4	0			4	44%
Total:	9	6	8	9	11	3	5	4	6	3			8	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	0	2	1	0	1	0	0	1			1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	545	646	787	893	688	780	689	781	621	637			707	86%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	87	77	95	86	88	93	90	89	83	73			86	10%
Train Activation	0	0	0	0	0	0	0	0	4	50			27	3%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	632	725	882	981	777	873	780	870	708	761			821	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	2	1	1	0	0	0			1	11%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	2	0	1	0	0	0	0	0	0	0			2	13%
Driver Obstructed	0	0	0	1	0	0	0	0	0	0			1	9%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Plate	0	0	0	0	1	1	1	0	0	0			1	9%
Glare on Windshield	0	0	1	2	2	0	1	0	0	0			2	13%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	1	2	0	1	1	0	0	1	1	2			1	11%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	0	0	0			1	9%
Out of State	0	0	0	0	0	0	0	0	1	0			1	9%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0			0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	1			1	9%
TSB No Hit	0	0	1	0	0	0	0	1	0	0			1	9%
Total:	4	2	3	4	6	3	3	2	2	3			12	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	1	0	0	0	0	0	0	0			1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	0	0	0	0	2	0	0	0	0	0			2	50%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0	0			1	25%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0			0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	0	0	1	0	2	0	1	0	0	0			4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	19	19	20	23	18	18	23	15	15	21			19	
Average Issued Red Seconds	365.6	462.0	478.7	120.4	512.1	1023.9	38.1	240.6	319.5	317.1			388	
Citation / Violation Issuance Rate	56%	67%	50%	56%	27%	0%	20%	50%	67%	0%			49%	
Controllable Issuance Rate	100%	100%	80%	100%	60%	0%	50%	100%	100%	0%			86%	



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 Monthly Average	
													Quantity	%
Non-Violations	122	102	123	70	95	83	80	106	91	103			98	89%
Violations	8	15	17	12	17	14	14	5	4	17			12	11%
Total:	130	117	140	82	112	97	94	111	95	120			110	100%
Violations														
Uncontrollable Non-Issued	0	5	6	4	5	2	4	2	4	15			5	37%
Controllable Non-Issued	1	2	0	0	0	1	1	0	0	1			1	8%
Citations	7	8	11	8	12	11	9	3	0	1			8	55%
Total:	8	15	17	12	17	14	14	5	4	17			14	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	0	0	5	4	3	11	0	0	2			5	5%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0			0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	96	81	103	47	74	61	51	83	76	83			76	75%
Rear Axle Activation	1	0	0	0	0	0	0	0	0	0			1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	20	21	20	18	17	19	18	23	15	18			19	19%
Train Activation	0	0	0	0	0	0	0	0	0	0			0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0			0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	122	102	123	70	95	83	80	106	91	103			100	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0			0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0			0	0%
Car Obstructed	0	0	0	0	0	1	0	0	1	3			2	11%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0	0			1	6%
Driver Obstructed	0	1	0	1	0	0	0	0	0	0			1	6%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1			1	6%
Glare on Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Glare on Windshield	0	0	1	2	1	0	0	0	0	0			1	9%
Illegible Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Interest of Justice- PD	0	2	0	0	0	0	0	0	0	0			2	13%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0			0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	0	1	3	0	4	1	3	0	3	9			3	22%
No Speed Captured	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Out of State	0	0	0	1	0	0	0	0	0	1			1	6%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1			1	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0			0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	0	0	2	0	0	0	0	2	0	0			2	13%
Total:	0	5	6	4	5	2	4	2	4	15			15	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Data Entry Error	1	2	0	0	0	1	1	0	0	0			1	56%
Exposed	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0			0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0			0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0			0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1			1	44%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	1	2	0	0	0	1	1	0	0	1			2	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	19	26	30	24	25	25	30	20	23	19			24	
Average Issued Red Seconds	0.8	31.1	96.9	44.3	1.9	81.2	29.6	0.5	0.4	36.8			32	
Citation / Violation Issuance Rate	88%	53%	65%	67%	71%	79%	64%	60%	0%	6%			61%	
Controllable Issuance Rate	88%	80%	100%	100%	100%	92%	90%	100%	0%	50%			89%	



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

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
EB to NB	3rd & Civic Center	4007	Left	31	3,248	20	2	0.06
WB to SB	3rd & La Verne	4009	Left	31	485	36	7	0.23
EB to NB	3rd & Mednik	4017	Left	31	351	12	0	0.00
WB to SB	3rd & Mednik	4019	Left	31	392	4	2	0.06
EB to NB	3rd & Arizona	4027	Left	31	380	10	2	0.06
WB to SB	3rd & Arizona	4029	Left	31	223	6	2	0.06
EB to NB	3rd and McDonnell	4037	Left	31	578	21	5	0.16
WB to SB	3rd and McDonnell	4039	Left	31	411	4	2	0.06
EB to NB	3rd & Ford	4047	Left	31	719	8	1	0.03
WB to SB	3rd & Ford	4049	Left	31	215	9	0	0.00
EB to NB	3rd & Eastern	4057	Left	31	343	28	5	0.16
WB to SB	3rd & Eastern	4059	Left	31	292	4	1	0.03
WB to SB	3rd & Downey	4069	Left	31	417	0	0	0.00
EB to NB	3rd & Gage	4077	Left	31	234	15	2	0.06
WB to SB	3rd & Gage	4079	Left	31	472	37	6	0.19
EB to NB	3rd & Rowan	4083	Left	31	796	29	8	0.26
WB to SB	3rd & Rowan	4085	Left	31	210	16	7	0.23
EB to NB	1st & Lorena	4087	Left	31	509	12	3	0.10
WB to SB	1st & Lorena	4089	Left	31	267	19	5	0.16
EB to NB	1st & Clarence	4097	Left	31	1,783	0	0	0.00
WB to SB	1st & Clarence	4099	Left	31	1,255	14	6	0.19
WB to SB	1st & Utah	4109	Left	31	1,538	6	1	0.03
WB to SB	1st & Anderson	4119	Left	31	1,485	4	1	0.03
EB to NB	1st & Mission	4127	Left	31	1,037	141	49	1.58
WB to SB	1st & Mission	4129	Left	31	764	3	0	0.00
SB to EB	Alameda @ Temple	4137	Left	31	120	17	1	0.03
Totals				31	18,524	475	118	3.81

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