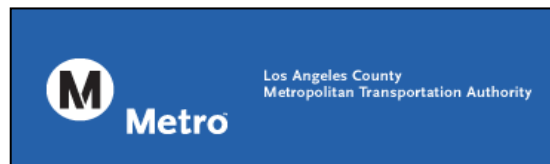




Gold Line Monthly Report



August, 2018



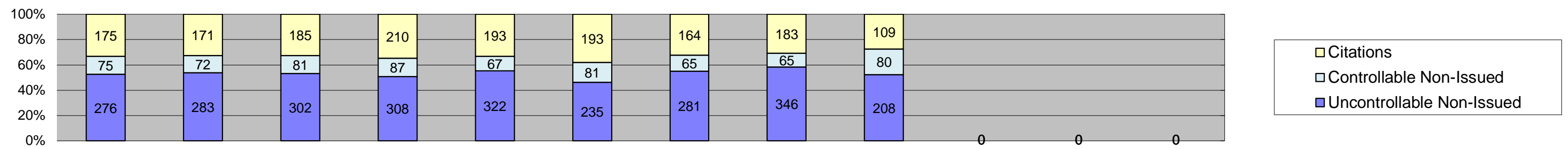


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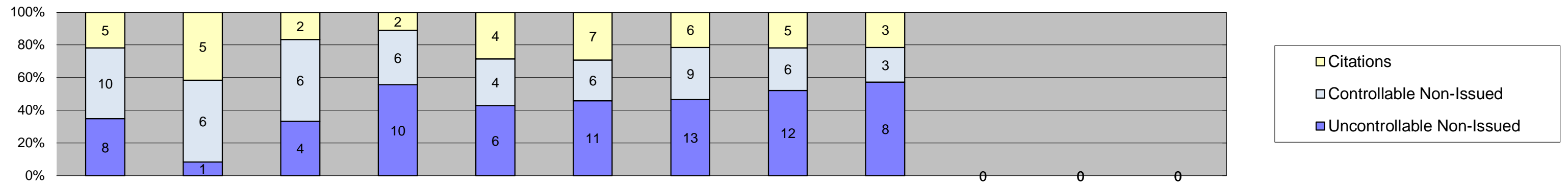
Los Angeles County MTA Gold Line Approach Summary Report All Locations 2018



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	0	0	0	18,021	97%
Violations	526	526	568	605	582	509	510	594	397	0	0	0	535	3%
Total:	18,215	16,941	19,696	19,290	18,356	18,383	18,297	19,674	18,153	0	0	0	18,556	100%
Violations														
Uncontrollable Non-Issued	276	283	302	308	322	235	281	346	208	0	0	0	285	53%
Controllable Non-Issued	75	72	81	87	67	81	65	65	80	0	0	0	75	14%
Citations	175	171	185	210	193	193	164	183	109	0	0	0	176	33%
Total:	526	526	568	605	582	509	510	594	397	0	0	0	535	100%
Non-Violations														
Emergency Vehicle Non-Issuable	111	100	82	155	126	171	132	84	70	0	0	0	115	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	0	0	0	14,804	79%
Rear Axle Activation	1	0	1	0	2	0	0	1	0	0	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	0	0	0	2,993	16%
Train Activation	0	0	0	0	0	0	0	0	938	0	0	0	938	5%
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	0	0	0	18,857	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	0	0	0	16	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	0	0	0	17	5%
Driver Obstructed	25	29	19	29	17	25	40	26	20	0	0	0	26	8%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	50	65	53	51	47	44	44	41	30	0	0	0	47	15%
Glare on Windshield	16	18	17	27	18	12	23	24	18	0	0	0	19	6%
Illegible Plate	29	23	34	30	24	27	45	35	17	0	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	0	0	0	87	28%
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	0	0	0	12	4%
Out of State	5	6	11	11	7	5	6	15	7	0	0	0	8	3%
Plate Obstructed	10	10	10	9	3	1	3	7	4	0	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	0	0	0	0	0%
TSB No Hit	0	0	37	15	0	0	0	81	0	0	0	0	44	14%
Total:	276	283	302	308	322	235	281	346	208	0	0	0	316	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	0	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	0	0	0	30	31%
Emergency Vehicle Issue	0	0	0	0	0	1	0	3	16	0	0	0	7	7%
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	0	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	0	0	0	16	16%
Framing of Driver	1	0	0	0	0	1	3	0	4	0	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	0	0	0	3	3%
Reject Expired	0	0	0	0	0	0	0	0	17	0	0	0	17	17%
Speed Not Determined	2	2	1	2	1	3	0	0	0	0	0	0	2	2%
Total:	75	72	81	87	67	81	65	65	80	0	0	0	98	100%
Summary Metrics													Year to Date Monthly Average	
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	
Average Issued Red Seconds	144.2	103.4	185.3	121.8	227.3	130.0	159.1	171.9	135.8				153.2	
Citation / Violation Issuance Rate	33%	33%	33%	35%	33%	38%	32%	31%	27%	0%	0%	0%	33%	
Controllable Issuance Rate	70%	70%	70%	71%	74%	70%	72%	74%	58%	0%	0%	0%	70%	



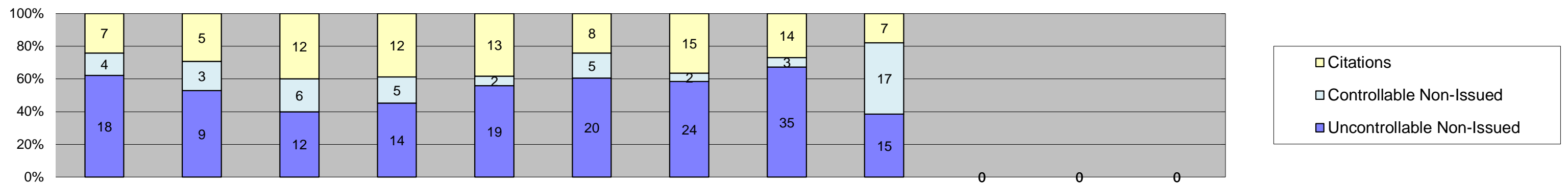
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4007: EB to NB 3rd @ Civic Center



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				3,476	99%
Violations	23	12	12	18	14	24	28	23	14				19	1%
Total:	3,188	2,882	3,382	3,137	3,498	3,486	3,887	4,102	3,889				3,495	100%
Violations														
Uncontrollable Non-Issued	8	1	4	10	6	11	13	12	8				8	43%
Controllable Non-Issued	10	6	6	6	4	6	9	6	3				6	33%
Citations	5	5	2	2	4	7	6	5	3				4	23%
Total:	23	12	12	18	14	24	28	23	14				19	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	0	0	3	4	1	1	2				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	3,025	2,730	3,210	2,975	3,332	3,305	3,700	3,919	3,292				3,276	85%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	139	138	160	144	149	153	158	159	146				150	4%
Train Activation	0	0	0	0	0	0	0	0	435				435	11%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	3,165	2,870	3,370	3,119	3,484	3,462	3,859	4,079	3,875				3,863	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	0	0	0	0	0	2	0	0				2	12%
Driver Obstructed	1	0	0	2	0	0	1	0	1				1	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	3	0	2	5	2	5	3	2	4				3	19%
Glare on Windshield	0	0	0	0	0	0	0	2	0				2	12%
Illegible Plate	2	0	2	1	1	5	3	3	2				2	14%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0				1	6%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	1	1	0	2	1	1	4	2	0				2	10%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	1	0	0	0	2	0	0	0	1				1	8%
Out of State	0	0	0	0	0	0	0	0	0				0	0%
Plate Obstructed	0	0	0	0	0	0	0	1	0				1	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0				1	6%
Total:	8	1	4	10	6	11	13	12	8				17	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	0	0	0	0	0				0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	10	6	6	5	4	6	8	3	2				6	63%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	1	2	1				1	15%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	1	0	0	0	0	0				1	11%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	1	0				1	11%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	10	6	6	6	4	6	9	6	3				9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	16	18	19	15	17	16	16	17				17	
Average Issued Red Seconds	51.1	114.0	57.6	249.2	265.1	79.6	306.3	98.2	91.2				146	
Citation / Violation Issuance Rate	22%	42%	17%	11%	29%	29%	21%	22%	21%				24%	
Controllable Issuance Rate	33%	45%	25%	25%	50%	54%	40%	45%	50%				41%	



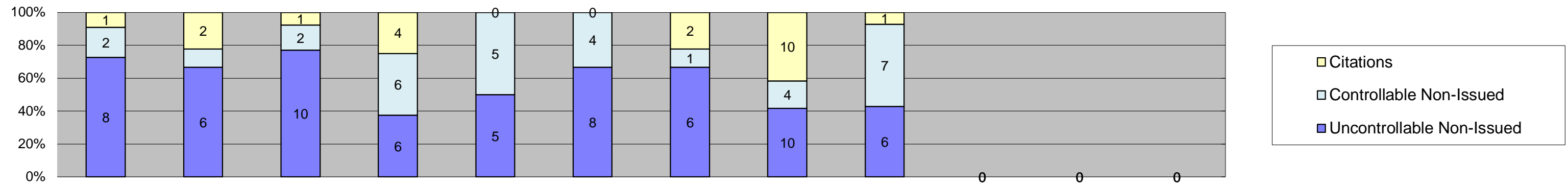
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4009: WB to SB 3rd @ La Verne



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				525	94%
Violations	29	17	30	31	34	33	41	52	39				34	6%
Total:	607	486	611	576	559	550	569	569	505				559	100%
Violations														
Uncontrollable Non-Issued	18	9	12	14	19	20	24	35	15				18	54%
Controllable Non-Issued	4	3	6	5	2	5	2	3	17				5	15%
Citations	7	5	12	12	13	8	15	14	7				10	30%
Total:	29	17	30	31	34	33	41	52	39				34	100%
Non-Violations														
Emergency Vehicle Non-Issuable	39	41	33	45	54	69	40	39	20				42	8%
Emergency Vehicle PD	0	0	0	0	1	3	1	2	3				2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	393	306	410	360	335	315	352	344	305				347	65%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	146	122	138	140	135	130	135	132	128				134	25%
Train Activation	0	0	0	0	0	0	0	0	10				10	2%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	578	469	581	545	525	517	528	517	466				535	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	1	0	3	0	1				2	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	1	0	1	2	1	0	1	1				1	5%
Driver Obstructed	1	1	1	0	0	2	3	4	0				2	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	1	0	2	6	3	9	5				4	14%
Glare on Windshield	2	0	2	2	3	1	1	3	0				2	7%
Illegible Plate	1	0	1	0	2	1	8	2	0				3	9%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	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%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	9	3	5	4	7	9	4	5	7				6	21%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	3	1	0	2	2	0	1	3	0				2	7%
Out of State	0	1	0	1	0	0	0	0	0				1	4%
Plate Obstructed	0	1	0	1	0	0	0	2	1				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	2	3	0	0	0	6	0				4	13%
Total:	18	9	12	14	19	20	24	35	15				28	100%
Controllable Non-Issued Violations														
Conduit Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	2	0	0	1	3	0	1	4				2	14%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	3	0	4	4	0	1	2	0	0				3	18%
Emergency Vehicle Issue	0	0	0	0	0	1	0	2	10				4	28%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	1	0	0	0	0	0	0	0				1	7%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	1	0	1	1	1	0	0	0	0				1	7%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	3				3	20%
Speed Not Determined	0	0	1	0	0	0	0	0	0				1	7%
Total:	4	3	6	5	2	5	2	3	17				15	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	17	17	17	16	16	17	17	16				17	
Average Issued Red Seconds	134.6	99.4	172.5	96.2	148.8	158.5	77.5	177.8	145.0				134	
Citation / Violation Issuance Rate	24%	29%	40%	39%	38%	24%	37%	27%	18%				31%	
Controllable Issuance Rate	64%	63%	67%	71%	87%	62%	88%	82%	29%				68%	



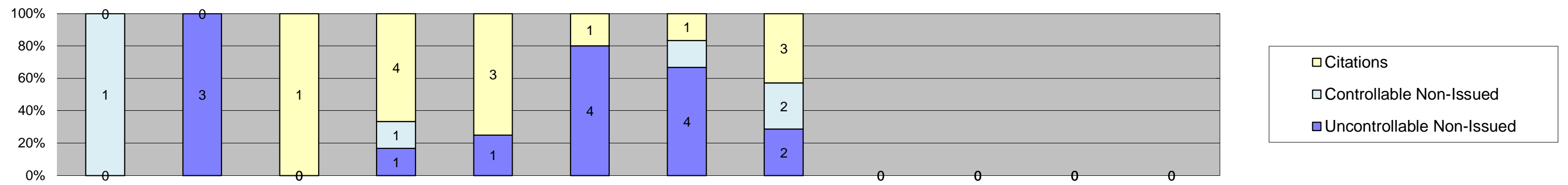
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4017: EB to NB 3rd @ Mednik



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					375	97%
Violations	11	9	13	16	10	12	9	24	14					13	3%
Total:	392	339	411	397	374	346	387	448	398					388	100%
Violations															
Uncontrollable Non-Issued	8	6	10	6	5	8	6	10	6					7	52%
Controllable Non-Issued	2	1	2	6	5	4	1	4	7					4	26%
Citations	1	2	1	4	0	0	2	10	1					3	22%
Total:	11	9	13	16	10	12	9	24	14					14	100%
Non-Violations															
Emergency Vehicle Non-Issuable	4	2	7	6	4	5	3	4	5					4	1%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0					1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	256	221	246	247	232	210	243	287	241					243	63%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	121	107	145	127	128	119	132	133	129					127	33%
Train Activation	0	0	0	0	0	0	0	0	9					9	2%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	381	330	398	381	364	334	378	424	384					384	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	1	0	1	0	0	0					1	7%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	2	2	2	1	0	1	2	0	0					2	12%
Driver Obstructed	1	1	4	2	1	2	2	3	4					2	16%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	2	2	0	1	2	1	0	4	0					2	15%
Illegible Plate	1	0	0	0	0	1	0	1	0					1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	1	3	0	1	2	2	0	2					2	13%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	1	1	0	0	0	0	0					1	7%
Out of State	1	0	0	0	0	0	0	1	0					1	7%
Plate Obstructed	0	0	0	0	1	0	0	0	0					1	7%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0					1	7%
Total:	8	6	10	6	5	8	6	10	6					14	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	2	0	2	2	3	2	1	3	1					2	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	0	2	1	0	0	0	0					2	15%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	3					3	30%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1					1	10%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	2	1	2	0	1	2					2	16%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	1	0	0	0	0	0	0	0					1	10%
Total:	2	1	2	6	5	4	1	4	7					10	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	24	22	22	21	18	16	23	22	21					21	
Average Issued Red Seconds	24.6	136.6	244.2	224.5	696.4	78.9	70.3	85.0	106.5					185	
Citation / Violation Issuance Rate	9%	22%	8%	25%	0%	0%	22%	42%	7%					19%	
Controllable Issuance Rate	33%	67%	33%	40%	0%	0%	67%	71%	13%					46%	



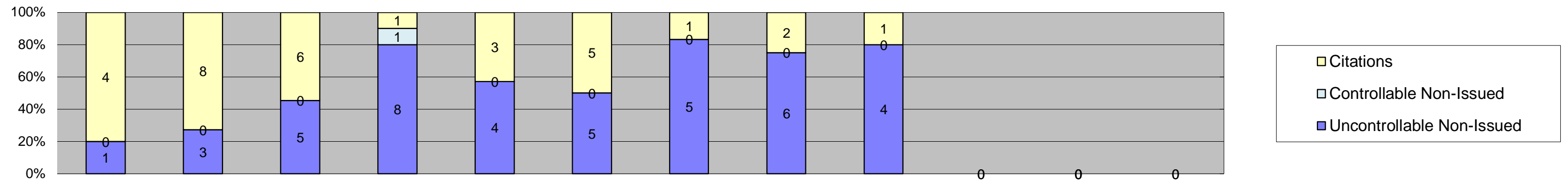
**Los Angeles County MTA Gold Line
Approach Summary Report
Location 4019: WB to SB 3rd @ Mednik**



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					456	99%
Violations	1	3	1	6	4	5	6	7	0					4	1%
Total:	513	426	499	448	468	488	440	443	409					460	100%
Violations															
Uncontrollable Non-Issued	0	3	0	1	1	4	4	2	0					3	42%
Controllable Non-Issued	1	0	0	1	0	0	1	2	0					1	21%
Citations	0	0	1	4	3	1	1	3	0					2	37%
Total:	1	3	1	6	4	5	6	7	0					6	100%
Non-Violations															
Emergency Vehicle Non-Issuable	12	9	10	10	11	12	19	3	11					11	2%
Emergency Vehicle PD	0	0	0	0	0	0	2	0	0					2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	381	310	361	312	321	351	293	305	278					324	70%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	119	104	127	120	132	120	120	128	115					121	26%
Train Activation	0	0	0	0	0	0	0	0	5					5	1%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	512	423	498	442	464	483	434	436	409					462	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	1	0	0	0					1	13%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0					1	13%
Driver Obstructed	0	1	0	0	1	3	0	1	0					2	19%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	2	0	0					2	26%
Glare on Windshield	0	0	0	1	0	0	2	1	0					1	17%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	1	0	0	0	0	0	0	0					1	13%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	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%
Total:	0	3	0	1	1	4	4	2	0					8	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	2	0					2	50%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	1	0	0	1	0	0	0	0	0					1	25%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0					1	25%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	1	0	0	1	0	0	1	2	0					4	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	20	18	16	23	18	22	17	16	21					19	
Average Issued Red Seconds	582.5	452.6	111.4	260.8	156.4	0.2	272.6	99.8	105.3					227	
Citation / Violation Issuance Rate	0%	0%	100%	67%	75%	20%	17%	43%	0%					54%	
Controllable Issuance Rate	0%	0%	100%	80%	100%	100%	50%	60%	0%					82%	



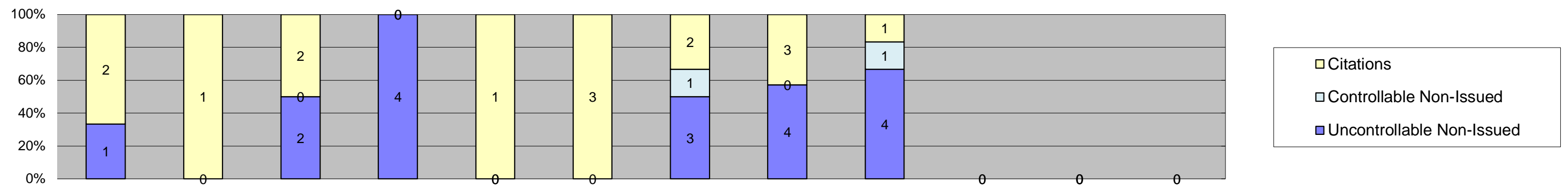
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4027: EB to NB 3rd @ Arizona



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				316	97%
Violations	5	11	11	10	7	10	6	8	5				8	3%
Total:	296	301	282	320	302	349	324	393	351				324	100%
Violations														
Uncontrollable Non-Issued	1	3	5	8	4	5	5	6	4				5	51%
Controllable Non-Issued	0	0	0	1	0	0	0	0	0				1	11%
Citations	4	8	6	1	3	5	1	2	1				3	38%
Total:	5	11	11	10	7	10	6	8	5				9	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	0	0	0				2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	171	184	153	193	176	214	205	263	230				199	61%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	118	106	118	117	119	125	113	122	109				116	36%
Train Activation	0	0	0	0	0	0	0	0	7				7	2%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	291	290	271	310	295	339	318	385	346				324	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	1	4	2	3	1	0	1	0				2	17%
Driver Obstructed	0	0	0	1	0	0	0	0	0				1	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0				0	0%
Glare on Windshield	1	0	0	0	0	0	0	1	1				1	8%
Illegible Plate	0	0	0	0	1	0	0	1	0				1	8%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	0	1	1	4	0	3	5	0	3				3	24%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0				0	0%
Out of State	0	0	0	0	0	1	0	0	0				1	8%
Plate Obstructed	0	1	0	0	0	0	0	0	0				1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	0	1	0	0	0	3	0				2	17%
Total:	1	3	5	8	4	5	5	6	4				12	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	0	0	0	0	0				0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	1	0	0	0	0	0				1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	0	0	0	1	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	
Average Issued Speed	16	17	16	17	19	17	14	16	16				16	
Average Issued Red Seconds	83.0	60.2	231.6	346.6	37.3	92.6	17.2	412.3	56.5				149	
Citation / Violation Issuance Rate	80%	73%	55%	10%	43%	50%	17%	25%	20%				41%	
Controllable Issuance Rate	100%	100%	100%	50%	100%	100%	100%	100%	100%				94%	



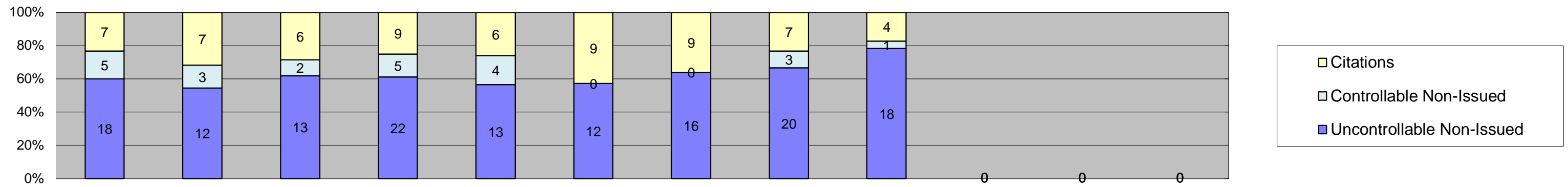
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4029: WB to SB 3rd @ Arizona



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				236	98%
Violations	3	1	4	4	1	3	6	7	6				4	2%
Total:	235	198	240	229	253	252	247	252	254				240	100%
Violations														
Uncontrollable Non-Issued	1	0	2	4	0	0	3	4	4				3	51%
Controllable Non-Issued	0	0	0	0	0	0	1	0	1				1	17%
Citations	2	1	2	0	1	3	2	3	1				2	32%
Total:	3	1	4	4	1	3	6	7	6				6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	4	5	5	3	0	0				4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	109	89	112	106	128	131	112	119	117				114	46%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	122	108	124	115	119	113	126	126	118				119	48%
Train Activation	0	0	0	0	0	0	0	0	13				13	5%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	232	197	236	225	252	249	241	245	248				249	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	0				1	8%
Driver Obstructed	0	0	0	0	0	0	1	0	0				1	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	1	0	0	0	0	0				1	8%
Glare on Windshield	0	0	0	0	0	0	1	0	0				1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	0	0	1	2	0	0	1	0	4				2	17%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	2	0				2	17%
Out of State	0	0	1	0	0	0	0	0	0				1	8%
Plate Obstructed	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%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	0	0	0	0	0	2	0				2	17%
Total:	1	0	2	4	0	0	3	4	4				12	100%
Controllable Non-Issued Violations														
Conduit Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	0	0	0	0	0	0	0				0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	0	0	1	0	1				1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	0	0	0	0	0	0	1	0	1				1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	15	15	16	18	15	18	16	14				16	
Average Issued Red Seconds	281.9	35.8	239.7	180.2	1023.9	215.1	202.5	299.5	166.9				294	
Citation / Violation Issuance Rate	67%	100%	50%	0%	100%	100%	33%	43%	17%				64%	
Controllable Issuance Rate	100%	100%	100%	0%	100%	100%	67%	100%	50%				90%	



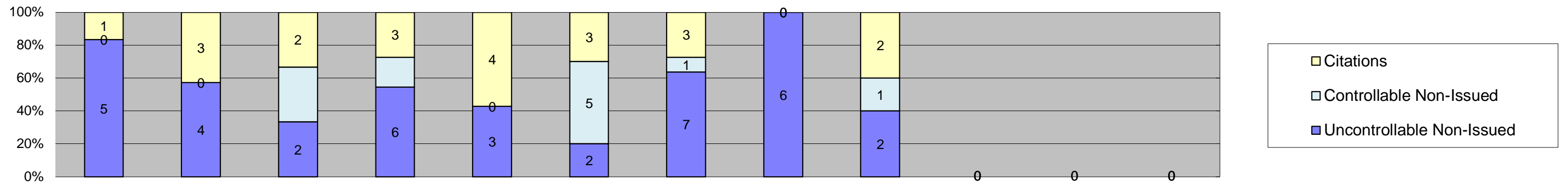
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4037: EB to NB 3rd @ McDonnell



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				563	96%
Violations	30	22	21	36	23	21	25	30	23				26	4%
Total:	676	535	615	619	554	578	561	607	554				589	100%
Violations														
Uncontrollable Non-Issued	18	12	13	22	13	12	16	20	18				16	61%
Controllable Non-Issued	5	3	2	5	4	0	0	3	1				3	12%
Citations	7	7	6	9	6	9	9	7	4				7	27%
Total:	30	22	21	36	23	21	25	30	23				26	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	2	1	0	0	0	3	1	1				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	433	364	426	421	365	384	362	404	325				387	68%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	210	147	167	162	166	173	171	172	199				174	31%
Train Activation	0	0	0	0	0	0	0	0	6				6	1%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	646	513	594	583	531	557	536	577	531				569	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	3	0	0	0	0	0	1	0	0				2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	1	2	2	0	1	0	0	2				2	7%
Driver Obstructed	0	0	0	0	0	1	0	0	1				1	4%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	1	3	1	0	0	0	1	3				2	7%
Glare on Windshield	0	0	0	0	0	0	0	0	1				1	4%
Illegible Plate	3	3	3	9	4	6	6	6	2				5	19%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	1	1	0				1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	8	6	2	6	8	2	7	9	8				6	25%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	0	2	1	1	1	0	0	0				1	6%
Out of State	0	0	0	1	0	1	1	0	0				1	4%
Plate Obstructed	0	1	0	0	0	0	0	0	1				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	2	0	0	0	3	0				2	8%
Total:	18	12	13	22	13	12	16	20	18				25	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	2	0	1	3	0	0	1	0				2	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	5	0	2	4	0	0	0	1	0				3	34%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0				1	11%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	1	0	0	0	0	0	0	0				1	11%
Reject Expired	0	0	0	0	0	0	0	0	1				1	11%
Speed Not Determined	0	0	0	0	1	0	0	0	0				1	11%
Total:	5	3	2	5	4	0	0	3	1				9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	16	15	18	17	16	15	16	15				16	
Average Issued Red Seconds	95.7	69.9	117.8	68.8	48.3	114.5	197.6	215.9	123.0				117	
Citation / Violation Issuance Rate	23%	32%	29%	25%	26%	43%	36%	23%	17%				28%	
Controllable Issuance Rate	58%	70%	75%	64%	60%	100%	100%	70%	80%				75%	



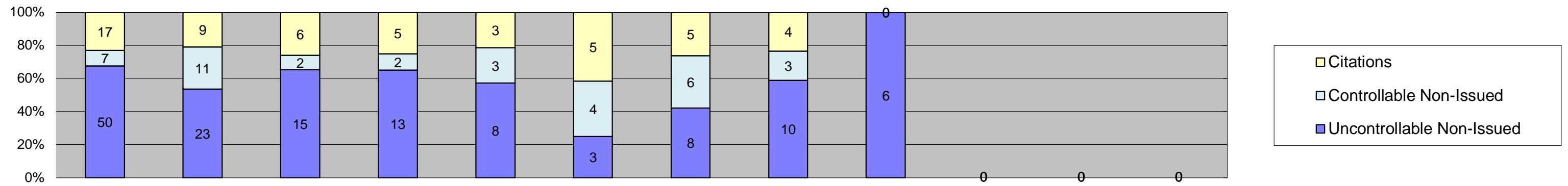
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4039: WB to SB 3rd @ McDonnell



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	444	333	427	414	419	406	425	436	385					410	98%
Violations	6	7	6	11	7	10	11	6	5					8	2%
Total:	450	340	433	425	426	416	436	442	390					418	100%
Violations															
Uncontrollable Non-Issued	5	4	2	6	3	2	7	6	2					4	46%
Controllable Non-Issued	0	0	2	2	0	5	1	0	1					2	25%
Citations	1	3	2	3	4	3	3	0	2					3	29%
Total:	6	7	6	11	7	10	11	6	5					9	100%
Non-Violations															
Emergency Vehicle Non-Issuable	2	2	3	10	2	16	3	1	3					5	1%
Emergency Vehicle PD	0	0	0	1	0	1	0	0	0					1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	310	219	293	276	286	259	276	296	245					273	66%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	132	112	131	127	131	130	146	139	132					131	32%
Train Activation	0	0	0	0	0	0	0	0	5					5	1%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	444	333	427	414	419	406	425	436	385					415	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	1	0	0	0	0	0	0	0					1	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	2	0	0	0	1	0	0	0	0					2	14%
Driver Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	1	1	3	1	2	2	2	0					2	16%
Glare on Windshield	0	1	0	0	0	0	0	0	0					1	9%
Illegible Plate	1	0	0	1	0	0	2	2	1					1	13%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0					1	9%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	0	1	2	1	0	3	1	1					1	13%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	1	0	0	0	0	0	0	0					1	9%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0					1	9%
Total:	5	4	2	6	3	2	7	6	2					11	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	1	0	1	0	0	0					1	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	2	0	0	2	1	0	0					2	29%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1					1	18%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	1	0	1	0	0	0					1	18%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0					1	18%
Total:	0	0	2	2	0	5	1	0	1					6	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	17	16	16	0	17	19	18	20	17					18	
Average Issued Red Seconds	65.2	248.9	36.1	0.0	397.7	238.4	518.8	50.2	207.9					220	
Citation / Violation Issuance Rate	17%	43%	33%	27%	57%	30%	27%	0%	40%					34%	
Controllable Issuance Rate	100%	100%	50%	60%	100%	38%	75%	0%	67%					74%	



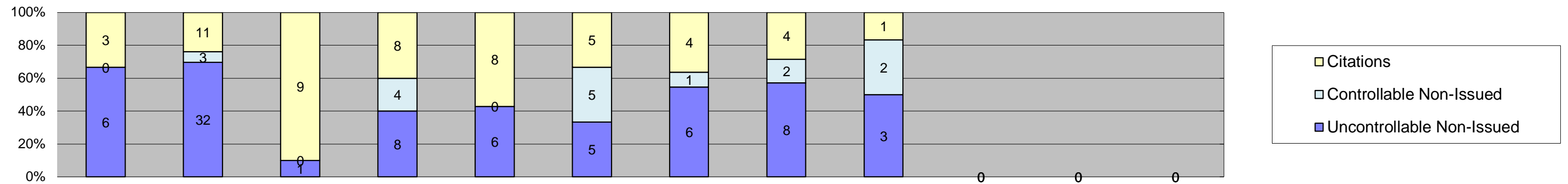
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4047: EB to NB 3rd @ Ford



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	926	689	742	860	832	678	646	758	627				751	97%
Violations	74	43	23	20	14	12	19	17	6				25	3%
Total:	1,000	732	765	880	846	690	665	775	633				776	100%
Violations														
Uncontrollable Non-Issued	50	23	15	13	8	3	8	10	6				15	57%
Controllable Non-Issued	7	11	2	2	3	4	6	3	0				5	18%
Citations	17	9	6	5	3	5	5	4	0				7	25%
Total:	74	43	23	20	14	12	19	17	6				27	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	0	0	4	4	2	0	2	0				3	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	786	552	620	728	697	541	507	628	502				618	82%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	137	137	122	128	131	135	139	128	119				131	17%
Train Activation	0	0	0	0	0	0	0	0	6				6	1%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	926	689	742	860	832	678	646	758	627				758	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	1	0	1	1	1	0	1	0				1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	7	3	0	0	1	0	0	0	0				4	14%
Driver Obstructed	7	1	2	3	1	0	3	2	0				3	10%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	5	3	2	1	1	1	1	1	0				2	7%
Glare on Windshield	4	4	3	2	0	0	0	2	2				3	11%
Illegible Plate	8	5	4	4	0	0	2	4	0				5	17%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	15	4	2	1	3	0	1	0	4				4	17%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	2	1	0	0	1	0	0	0				2	6%
Out of State	0	0	0	0	1	0	0	0	0				1	4%
Plate Obstructed	2	0	0	0	0	0	1	0	0				2	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	1	0	0	0	0	0				1	4%
Total:	50	23	15	13	8	3	8	10	6				26	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	1	0	1	1	0	0	0	0				1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	7	6	0	0	1	2	4	2	0				4	43%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0				1	12%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	4	2	1	1	1	2	0	0				2	22%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0				1	12%
Total:	7	11	2	2	3	4	6	3	0				9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	17	18	18	15	18	19	17	18	22				18	
Average Issued Red Seconds	100.9	103.9	404.6	68.2	110.1	38.5	24.4	27.0	83.8				107	
Citation / Violation Issuance Rate	23%	21%	26%	25%	21%	42%	26%	24%	0%				26%	
Controllable Issuance Rate	71%	45%	75%	71%	50%	56%	45%	57%	0%				59%	



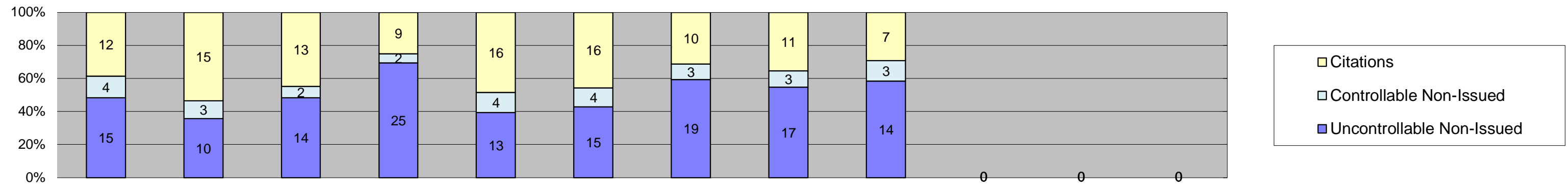
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4049: WB to SB 3rd @ Ford



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	243	343	260	271	279	273	274	297	327					285	95%
Violations	9	46	10	20	14	15	11	14	6					16	5%
Total:	252	389	270	291	293	288	285	311	333					301	100%
Violations															
Uncontrollable Non-Issued	6	32	1	8	6	5	6	8	3					8	49%
Controllable Non-Issued	0	3	0	4	0	5	1	2	2					3	17%
Citations	3	11	9	8	8	5	4	4	1					6	35%
Total:	9	46	10	20	14	15	11	14	6					17	100%
Non-Violations															
Emergency Vehicle Non-Issuable	5	2	1	14	10	11	3	3	1					6	2%
Emergency Vehicle PD	1	1	0	0	0	0	0	0	0					1	0%
Intersection Control in Progress- PD	0	1	0	0	0	0	0	0	0					1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	118	215	124	141	148	147	148	159	197					155	52%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	119	124	135	116	121	115	123	135	113					122	41%
Train Activation	0	0	0	0	0	0	0	0	16					16	5%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	243	343	260	271	279	273	274	297	327					301	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	2	0	1	0	2	0	0	0					2	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	1	6	0	0	1	0	0	1	0					2	12%
Driver Obstructed	0	9	0	0	1	0	3	0	1					4	18%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	1	0	0	0					1	5%
Glare on Windshield	1	2	1	1	1	0	0	1	0					1	6%
Illegible Plate	0	5	0	1	0	0	1	0	0					2	12%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	2	6	0	4	3	2	2	3	2					3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	1	0					1	5%
Out of State	1	0	0	0	0	0	0	0	0					1	5%
Plate Obstructed	1	1	0	0	0	0	0	0	0					1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	1	0	0	0	2	0					2	8%
Total:	6	32	1	8	6	5	6	8	3					19	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	2	0	1	0	3	0	1	0					2	34%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	1	0	0	0	1	0	0	0					1	19%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	3	0	1	1	1	1					1	27%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	1					1	19%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	0	3	0	4	0	5	1	2	2					5	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	17	16	19	17	18	19	17	21	16					18	
Average Issued Red Seconds	155.0	236.5	162.7	161.1	169.4	122.4	207.4	138.7	161.3					168	
Citation / Violation Issuance Rate	33%	24%	90%	40%	57%	33%	36%	29%	17%					40%	
Controllable Issuance Rate	100%	79%	100%	67%	100%	50%	80%	67%	33%					75%	



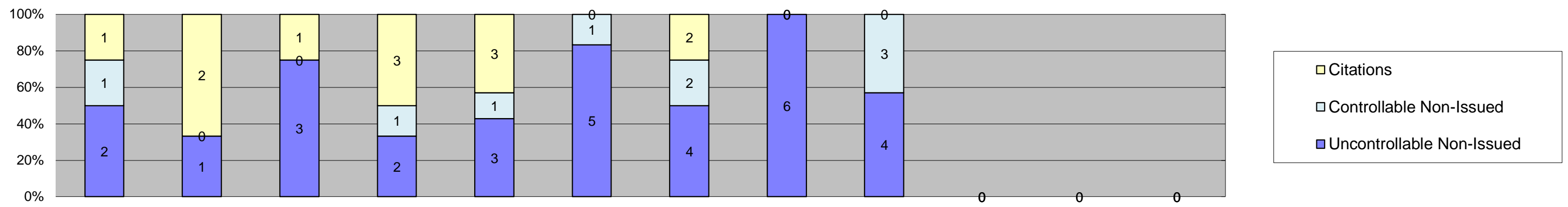
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4057: EB to NB 3rd @ Eastern



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	
													Quantity	Monthly Average %
Non-Violations	325	289	351	287	327	310	317	320	260				310	91%
Violations	31	28	29	36	33	35	32	31	24				31	9%
Total:	356	317	380	323	360	345	349	351	284				341	100%
Violations														
Uncontrollable Non-Issued	15	10	14	25	13	15	19	17	14				16	51%
Controllable Non-Issued	4	3	2	2	4	4	3	3	3				3	10%
Citations	12	15	13	9	16	16	10	11	7				12	39%
Total:	31	28	29	36	33	35	32	31	24				31	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	3	4	0	3	5	1	5	7				4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	204	170	220	171	198	183	192	185	138				185	59%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	120	116	127	116	126	122	124	130	113				122	39%
Train Activation	0	0	0	0	0	0	0	0	2				2	1%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	325	289	351	287	327	310	317	320	260				312	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	1	1	0	0	0	2	0	0	1				1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	1	0	1	0	1	1	1	0				1	4%
Driver Obstructed	1	3	2	4	2	4	4	3	1				3	11%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	4	2	0	0	4	0				3	13%
Glare on Windshield	1	0	0	2	1	1	4	0	2				2	7%
Illegible Plate	1	1	1	1	0	0	0	0	0				1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	7	4	5	12	6	6	10	5	8				7	28%
No Speed Captured	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	5%
Out of State	0	0	1	0	1	0	0	0	2				1	5%
Plate Obstructed	1	0	1	0	0	0	0	0	0				1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	4	1	0	0	0	4	0				3	12%
Total:	15	10	14	25	13	15	19	17	14				25	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	2	1	0	0	3	1	1	1	0				2	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	2	1	1	1	1	2	0	0				1	16%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0				1	12%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	2	0	1	1	0	2	0	1	0				1	17%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	3				3	36%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	4	3	2	2	4	4	3	3	3				8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	22	22	22	19	22	22	23	22	21				22	
Average Issued Red Seconds	54.4	31.5	5.2	68.2	5.7	10.4	70.0	8.2	23.5				31	
Citation / Violation Issuance Rate	39%	54%	45%	25%	48%	46%	31%	35%	29%				39%	
Controllable Issuance Rate	75%	83%	87%	82%	80%	80%	77%	79%	70%				79%	



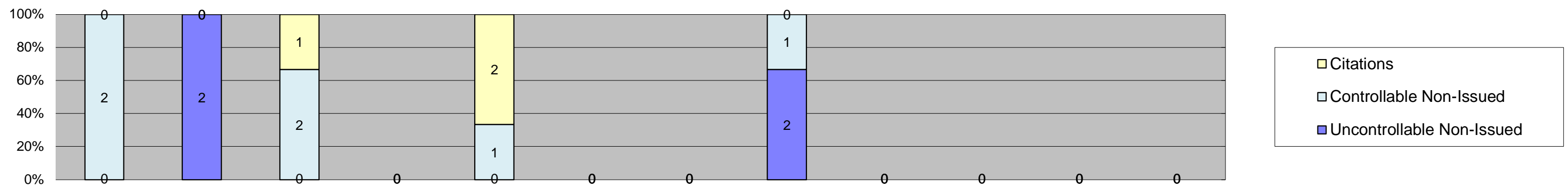
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4059: WB to SB 3rd @ Eastern



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					307	98%
Violations	4	3	4	6	7	6	8	6	7					6	2%
Total:	290	257	308	315	314	300	309	358	361					312	100%
Violations															
Uncontrollable Non-Issued	2	1	3	2	3	5	4	6	4					3	49%
Controllable Non-Issued	1	0	0	1	1	1	2	0	3					2	22%
Citations	1	2	1	3	3	0	2	0	0					2	29%
Total:	4	3	4	6	7	6	8	6	7					7	100%
Non-Violations															
Emergency Vehicle Non-Issuable	17	9	12	30	9	19	14	14	13					15	5%
Emergency Vehicle PD	0	0	2	0	1	1	3	1	0					2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	149	136	166	161	177	162	161	208	212					170	52%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	120	109	124	118	120	112	123	129	110					118	36%
Train Activation	0	0	0	0	0	0	0	0	19					19	6%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	286	254	304	309	307	294	301	352	354					324	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	0	1	0					1	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	0	0	0	0	1	0	0					1	9%
Driver Obstructed	1	0	1	1	1	2	2	0	0					1	12%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	1	2	1	0	0					1	12%
Glare on Windshield	0	0	0	0	0	0	0	0	0					0	0%
Illegible Plate	0	0	0	0	0	0	0	1	0					1	9%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0					1	9%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	1	1	1	0	1	0	2	4					2	15%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	1	0					1	9%
Out of State	0	0	0	0	1	0	0	0	0					1	9%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	1	0	0	0	0	1	0					1	9%
Total:	2	1	3	2	3	5	4	6	4					11	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	1	1	0	2	0	1					1	38%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0					0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1					1	31%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	1	0	0	0	0	1	0	0	1					1	31%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	1	0	0	1	1	1	2	0	3					3	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	21	23	17	18	20	18	18	19	18					19	
Average Issued Red Seconds	632.3	116.3	653.5	194.9	489.8	374.3	221.7	330.5	38.9					339	
Citation / Violation Issuance Rate	25%	67%	25%	50%	43%	0%	25%	0%	0%					39%	
Controllable Issuance Rate	50%	100%	100%	75%	75%	0%	50%	0%	0%					75%	



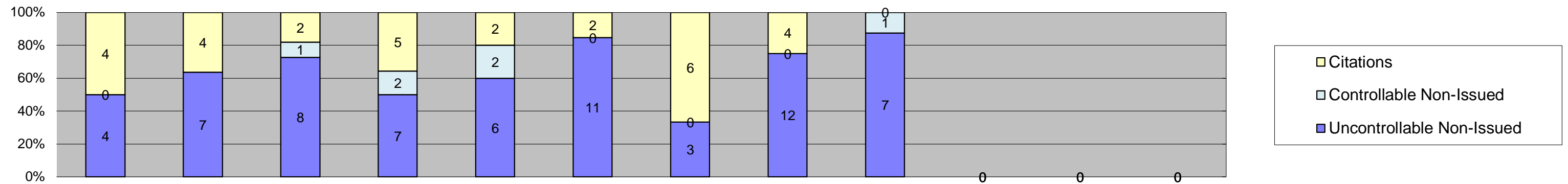
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4069: WB to SB 3rd @ Downey



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	330	315	363	338	505	364	333	354	361					363	99%
Violations	2	2	3	0	3	0	0	3	0					3	1%
Total:	332	317	366	338	508	364	333	357	361					365	100%
Violations															
Uncontrollable Non-Issued	0	2	0	0	0	0	0	2	0					2	40%
Controllable Non-Issued	2	0	2	0	1	0	0	1	0					2	30%
Citations	0	0	1	0	2	0	0	0	0					2	30%
Total:	2	2	3	0	3	0	0	3	0					5	100%
Non-Violations															
Emergency Vehicle Non-Issuable	2	1	3	3	7	5	5	0	1					3	1%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0					1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	202	199	232	218	367	234	199	218	232					233	63%
Rear Axle Activation	0	0	1	0	1	0	0	0	0					1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	126	115	126	117	130	125	129	136	124					125	34%
Train Activation	0	0	0	0	0	0	0	0	4					4	1%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	330	315	363	338	505	364	333	354	361					368	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0					1	33%
Driver Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	0	0	0	0	0	0	0	0	0					0	0%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	1	0	0	0	0	0	1	0					1	33%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	0	0	0	0	1	0					1	33%
Total:	0	2	0	0	0	0	0	2	0					3	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	1	0	2	0	1	0	0	0	0					1	40%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0					1	30%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	1	0	0	0	0	0	0	0	0					1	30%
Total:	2	0	2	0	1	0	0	1	0					3	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	0	18	16	0	23	0	22	18	0					19	
Average Issued Red Seconds	0.0	18.7	9.1	0.0	150.5	0.0	533.1	242.9	0.0					191	
Citation / Violation Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%					50%	
Controllable Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%					50%	



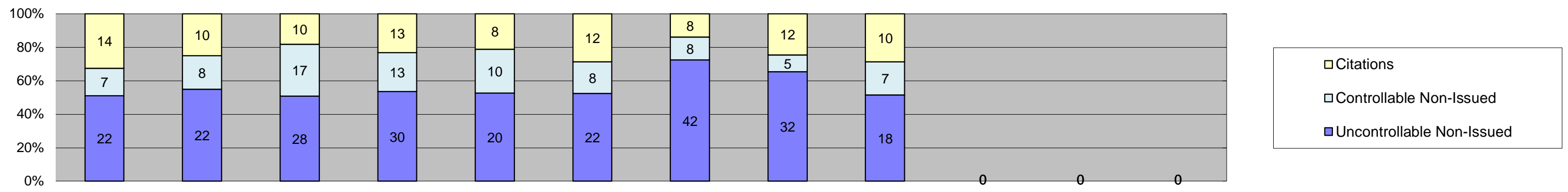
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4077: EB to NB 3rd @ Gage



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					226	95%
Violations	8	11	11	14	10	13	9	16	8					11	5%
Total:	220	243	243	257	258	223	230	253	209					237	100%
Violations															
Uncontrollable Non-Issued	4	7	8	7	6	11	3	12	7					7	58%
Controllable Non-Issued	0	0	1	2	2	0	0	0	1					2	12%
Citations	4	4	2	5	2	2	6	4	0					4	29%
Total:	8	11	11	14	10	13	9	16	8					12	100%
Non-Violations															
Emergency Vehicle Non-Issuable	0	0	0	1	0	0	1	1	0					1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	87	106	97	121	122	91	104	108	74					101	44%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	125	126	135	121	126	119	116	128	121					124	53%
Train Activation	0	0	0	0	0	0	0	0	6					6	3%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	212	232	232	243	248	210	221	237	201					232	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	1	0	0	0					1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	1	1	0	2	0	0	0	0	0					1	7%
Driver Obstructed	0	0	1	1	0	0	0	0	2					1	7%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	4	4	0	2	6	2	1	0					3	16%
Glare on Windshield	0	0	0	0	0	1	0	1	1					1	5%
Illegible Plate	1	0	0	2	0	1	0	0	1					1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	1	0	1	0	0	0	0					1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	2	1	2	3	0	1	3	2					2	10%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	2	1					1	7%
Out of State	0	0	1	0	0	1	0	0	0					1	5%
Plate Obstructed	0	0	0	0	0	0	0	1	0					1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	0	0	0	0	4	0					4	21%
Total:	4	7	8	7	6	11	3	12	7					19	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	1	0	0	0	0					1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0					0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	1	1	1	0	0	0	0					1	25%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	1					1	25%
Speed Not Determined	0	0	0	1	0	0	0	0	0					1	25%
Total:	0	0	1	2	2	0	0	0	1					4	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	18	17	21	18	15	20	16	19	19					18	
Average Issued Red Seconds	34.5	0.3	0.5	2.8	115.3	159.3	37.5	1.6	29.5					42	
Citation / Violation Issuance Rate	50%	36%	18%	36%	20%	15%	67%	25%	0%					33%	
Controllable Issuance Rate	100%	100%	67%	71%	50%	100%	100%	100%	0%					86%	



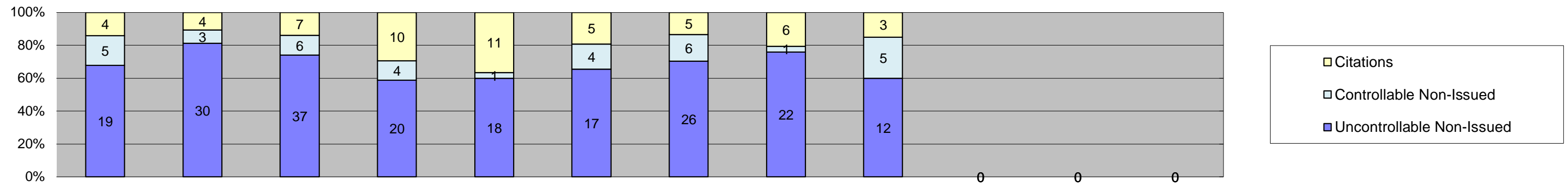
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4079: WB to SB 3rd @ Gage



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				434	90%
Violations	43	40	55	56	38	42	58	49	35				46	10%
Total:	496	437	506	480	471	497	493	501	445				481	100%
Violations														
Uncontrollable Non-Issued	22	22	28	30	20	22	42	32	18				26	57%
Controllable Non-Issued	7	8	17	13	10	8	8	5	7				9	20%
Citations	14	10	10	13	8	12	8	12	10				11	23%
Total:	43	40	55	56	38	42	58	49	35				46	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	7	0	10	2	4	2	2	2				4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	333	282	331	295	307	320	310	321	280				309	69%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	116	108	120	119	124	130	123	129	117				121	27%
Train Activation	0	0	0	0	0	0	0	0	11				11	2%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0	0	0				1	0%
Total:	453	397	451	424	433	455	435	452	410				446	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	1	1	1	1	0	0	2	0	1				1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	6	4	4	3	2	0	2	0	0				4	11%
Driver Obstructed	3	3	3	4	5	3	8	3	5				4	13%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	2	3	0	2	7	5	3	1				3	9%
Glare on Windshield	3	3	3	6	3	3	10	1	5				4	13%
Illegible Plate	0	0	0	0	1	0	2	1	0				1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	5	5	5	11	7	6	9	10	5				7	21%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	2	4	3	3	0	3	1	7	1				3	9%
Out of State	1	0	1	0	0	0	2	1	0				1	4%
Plate Obstructed	0	0	1	1	0	0	1	1	0				1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	4	1	0	0	0	5	0				3	10%
Total:	22	22	28	30	20	22	42	32	18				33	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	4	0	5	3	2	1	0	3	3				3	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	2	2	2	1	0	1	0	0				2	13%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	2	0	3	2	1	1	0	1	0				2	14%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	1	6	7	6	6	5	7	1	4				5	40%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0				1	8%
Total:	7	8	17	13	10	8	8	5	7				12	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	16	16	16	16	14	17	17	16	15				16	
Average Issued Red Seconds	16.0	44.8	50.9	34.2	120.4	22.3	17.5	42.5	14.8				40	
Citation / Violation Issuance Rate	33%	25%	18%	23%	21%	29%	14%	24%	29%				24%	
Controllable Issuance Rate	67%	56%	37%	50%	44%	60%	50%	71%	59%				55%	



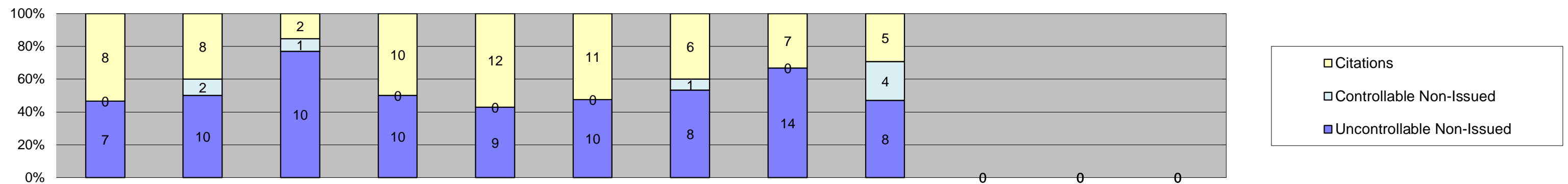
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4083: EB to NB 3rd @ Rowan



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					685	95%
Violations	28	37	50	34	30	26	37	29	20					32	5%
Total:	790	728	770	656	691	726	761	632	705					718	100%
Violations															
Uncontrollable Non-Issued	19	30	37	20	18	17	26	22	12					22	69%
Controllable Non-Issued	5	3	6	4	1	4	6	1	5					4	12%
Citations	4	4	7	10	11	5	5	6	3					6	19%
Total:	28	37	50	34	30	26	37	29	20					32	100%
Non-Violations															
Emergency Vehicle Non-Issuable	1	4	0	1	1	2	0	1	0					2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	626	566	589	501	521	569	597	481	552					556	80%
Rear Axle Activation	0	0	0	0	1	0	0	0	0					1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	135	121	131	119	138	129	127	121	124					127	18%
Train Activation	0	0	0	0	0	0	0	0	9					9	1%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	1	0	0	0	0	0					1	0%
Total:	762	691	720	622	661	700	724	603	685					696	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	1	0	1	0	0	0	0	0	1					1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	1	0	0	0	0	0	0					1	3%
Driver Obstructed	0	0	0	0	0	0	1	0	1					1	3%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	6	17	10	8	5	2	5	1	0					7	21%
Glare on Windshield	0	0	0	1	1	0	0	2	1					1	4%
Illegible Plate	9	7	13	6	8	7	12	6	2					8	24%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	4	5	3	4	7	8	4	5					5	14%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0	0	1					1	3%
Out of State	1	0	1	1	0	1	0	1	1					1	3%
Plate Obstructed	0	2	3	1	0	0	0	1	0					2	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	3	0	0	0	0	7	0					5	16%
Total:	19	30	37	20	18	17	26	22	12					32	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	1	0	1	1	0	1	0	0	1					1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	2	2	1	1	1	1	1	1	0					1	15%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	1	0	0	0					1	12%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	2	1	3	2	0	1	5	0	1					2	26%
Framing of Driver	0	0	0	0	0	0	0	0	1					1	12%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	1	0	0	0	0	0	1					1	12%
Reject Expired	0	0	0	0	0	0	0	0	1					1	12%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	5	3	6	4	1	4	6	1	5					8	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	15	17	17	16	15	15	16	17	16					16	
Average Issued Red Seconds	50.2	0.9	35.5	74.1	75.6	25.9	41.9	131.5	32.0					52	
Citation / Violation Issuance Rate	14%	11%	14%	29%	37%	19%	14%	21%	15%					19%	
Controllable Issuance Rate	44%	57%	54%	71%	92%	56%	45%	86%	38%					60%	



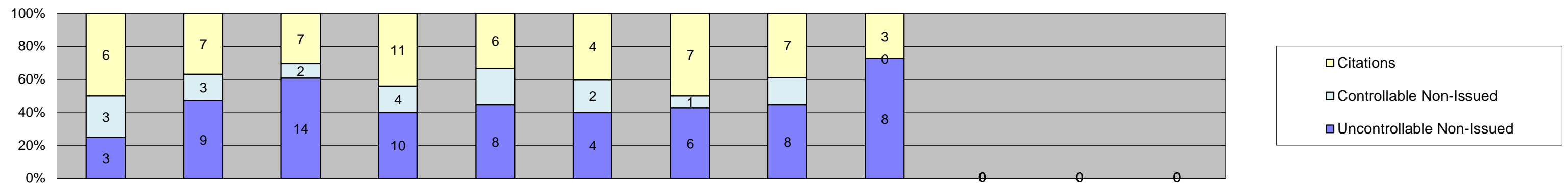
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4085: WB to SB 3rd @ Rowan



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	210	204	216	200	217	250	232	225	191				216	92%
Violations	15	20	13	20	21	21	15	21	17				18	8%
Total:	225	224	229	220	238	271	247	246	208				234	100%
Violations														
Uncontrollable Non-Issued	7	10	10	10	9	10	8	14	8				10	50%
Controllable Non-Issued	0	2	1	0	0	0	1	0	4				2	10%
Citations	8	8	2	10	12	11	6	7	5				8	40%
Total:	15	20	13	20	21	21	15	21	17				19	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	1	1	2	6	2	10	4	3				4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	89	93	90	84	89	125	104	100	71				94	43%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	117	110	125	114	122	123	118	121	115				118	54%
Train Activation	0	0	0	0	0	0	0	0	2				2	1%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	210	204	216	200	217	250	232	225	191				218	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	0	0	1	0	1				1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	3	0	0	1	1	0	0	0				2	8%
Driver Obstructed	2	1	0	1	0	0	2	0	0				2	7%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	2	4	0	1	2	2	0	2	0				2	10%
Glare on Windshield	0	0	0	0	0	0	0	1	0				1	5%
Illegible Plate	0	1	4	2	2	2	1	1	3				2	9%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0				1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	3	1	4	3	3	5	3	0	4				3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	1	0				1	5%
Out of State	0	0	0	2	0	0	0	5	0				4	17%
Plate Obstructed	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%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	2	1	0	0	0	3	0				2	9%
Total:	7	10	10	10	9	10	8	14	8				21	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	1	0	0	0	1	0	0				1	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	0	0	0	0	1				1	18%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1				1	18%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	2	0	0	0	0	0	0	1				2	27%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	1				1	18%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	0	2	1	0	0	0	1	0	4				6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	16	15	14	14	15	15	14	15	14				15	
Average Issued Red Seconds	25.4	28.1	53.0	30.2	13.8	40.5	23.5	16.1	28.7				29	
Citation / Violation Issuance Rate	53%	40%	15%	50%	57%	52%	40%	33%	29%				41%	
Controllable Issuance Rate	100%	80%	67%	100%	100%	100%	86%	100%	56%				88%	



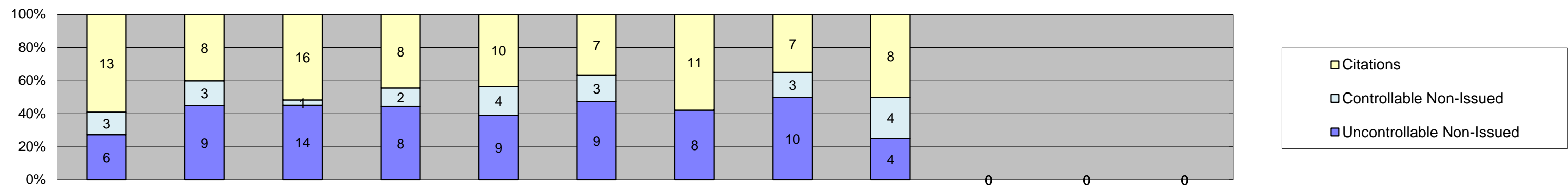
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4087: EB to NB 1st @ Lorena



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				485	97%
Violations	12	19	23	25	18	10	14	18	11				17	3%
Total:	502	478	522	527	499	493	484	553	457				502	100%
Violations														
Uncontrollable Non-Issued	3	9	14	10	8	4	6	8	8				8	46%
Controllable Non-Issued	3	3	2	4	4	2	1	3	0				3	16%
Citations	6	7	7	11	6	4	7	7	3				6	38%
Total:	12	19	23	25	18	10	14	18	11				17	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	4	0	2	0	1	2	0	0				2	0%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0				1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	352	346	361	375	350	356	345	406	311				356	72%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	136	109	138	124	130	126	123	129	126				127	26%
Train Activation	0	0	0	0	0	0	0	0	9				9	2%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0	0	0				1	0%
Total:	490	459	499	502	481	483	470	535	446				496	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	1	0	0	0	0	0	0	0				1	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	1	2	0	1	0	0	0	1				1	7%
Driver Obstructed	1	1	0	1	0	0	0	1	0				1	6%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	1	1	1	1	1	1	1	1	0				1	6%
Glare on Windshield	0	2	0	1	1	0	0	0	3				2	10%
Illegible Plate	0	0	0	1	0	0	0	0	0				1	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	1	0	1	0	1				1	6%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	0	2	5	4	3	2	3	1	3				3	17%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	3	1	1	1	0	0	0				2	9%
Out of State	0	0	0	0	0	0	1	1	0				1	6%
Plate Obstructed	0	1	2	0	0	0	0	0	0				2	9%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	1	0	0	0	4	0				2	12%
Total:	3	9	14	10	8	4	6	8	8				17	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	2	1	0	1	0	0	1	0				1	23%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	1	1	1	1	1	0	1	2	0				1	21%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0				0	0%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	2	0	0	2	2	2	0	0	0				2	37%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	1	0	0	0	0	0				1	19%
Total:	3	3	2	4	4	2	1	3	0				5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	23	20	18	20	19	21	19	19	19				20	
Average Issued Red Seconds	146.6	15.6	101.5	5.9	49.8	14.9	57.3	32.6	25.7				50	
Citation / Violation Issuance Rate	50%	37%	30%	44%	33%	40%	50%	39%	27%				39%	
Controllable Issuance Rate	67%	70%	78%	73%	60%	67%	88%	70%	100%				75%	



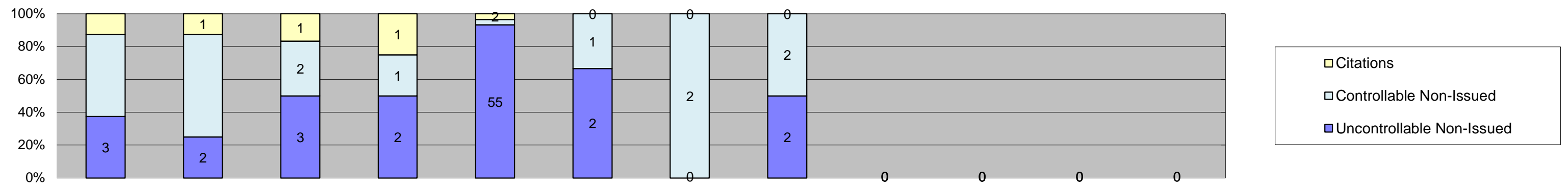
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4089: WB to SB 1st @ Lorena



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					253	92%
Violations	22	20	31	18	23	19	19	20	16					21	8%
Total:	280	269	310	261	261	281	284	286	230					274	100%
Violations															
Uncontrollable Non-Issued	6	9	14	8	9	9	8	10	4					9	40%
Controllable Non-Issued	3	3	1	2	4	3	0	3	4					3	14%
Citations	13	8	16	8	10	7	11	7	8					10	46%
Total:	22	20	31	18	23	19	19	20	16					21	100%
Non-Violations															
Emergency Vehicle Non-Issuable	0	2	1	1	0	0	1	0	0					1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	122	121	132	115	98	116	101	114	84					111	43%
Rear Axle Activation	0	0	0	0	0	0	0	1	0					1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	136	126	146	127	140	146	163	151	126					140	54%
Train Activation	0	0	0	0	0	0	0	0	4					4	2%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	258	249	279	243	238	262	265	266	214					258	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	1	0	0	1	0	0	1	0	0					1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	1	1	0	1	0	0	1	0	0					1	5%
Driver Obstructed	2	1	2	0	1	1	0	1	0					1	7%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	1	0	2	1	0	2	0	0					2	8%
Glare on Windshield	0	1	1	0	2	1	1	1	0					1	6%
Illegible Plate	0	0	0	0	0	0	2	1	0					2	8%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	1	0	0	0					1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	0	3	1	4	5	1	4	4					3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	1	3	0	2	1	0	0	0	0					2	9%
Out of State	0	1	1	1	0	0	0	0	0					1	5%
Plate Obstructed	0	1	1	0	0	1	0	0	0					1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	6	0	0	0	0	3	0					5	23%
Total:	6	9	14	8	9	9	8	10	4					20	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	1	0	1	0	1	0	0	2	3					2	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	0	0	0	1	1	0	0	0					1	12%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	1	0	1	0					1	12%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	1	2	0	2	2	1	0	0	0					2	20%
Framing of Driver	1	0	0	0	0	0	0	0	0					1	12%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	1					1	12%
Speed Not Determined	0	1	0	0	0	0	0	0	0					1	12%
Total:	3	3	1	2	4	3	0	3	4					8	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	18	18	19	20	19	20	18	20	18					19	
Average Issued Red Seconds	52.0	44.5	92.7	0.5	16.8	87.7	4.5	17.5	21.0					37	
Citation / Violation Issuance Rate	59%	40%	52%	44%	43%	37%	58%	35%	50%					46%	
Controllable Issuance Rate	81%	73%	94%	80%	71%	70%	100%	70%	67%					78%	



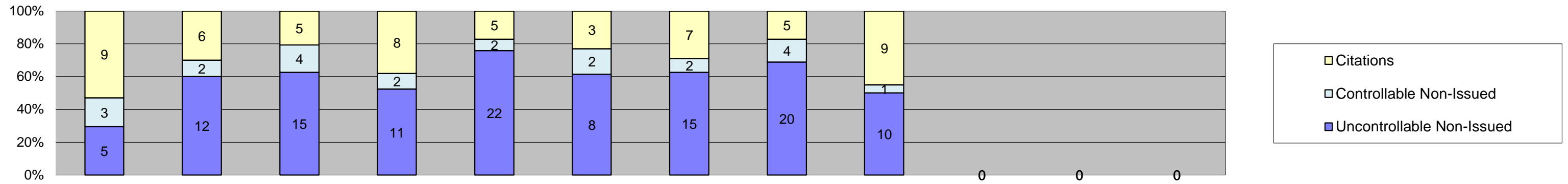
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4097: EB to NB 1st @Clarence



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					1,544	99%
Violations	8	8	6	4	59	3	2	4	0					12	1%
Total:	1,548	1,772	1,603	1,345	1,518	1,484	1,485	1,592	1,646					1,556	100%
Violations															
Uncontrollable Non-Issued	3	2	3	2	55	2	0	2	0					10	73%
Controllable Non-Issued	4	5	2	1	2	1	2	2	0					2	18%
Citations	1	1	1	1	2	0	0	0	0					1	9%
Total:	8	8	6	4	59	3	2	4	0					13	100%
Non-Violations															
Emergency Vehicle Non-Issuable	0	1	0	0	0	0	0	0	0					1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	1,450	1,674	1,490	1,255	1,369	1,390	1,393	1,503	1,451					1,442	87%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	90	89	107	86	90	91	90	85	70					89	5%
Train Activation	0	0	0	0	0	0	0	0	125					125	8%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	1,540	1,764	1,597	1,341	1,459	1,481	1,483	1,588	1,646					1,656	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	54	0	0	0	0					54	91%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	1	1	1	0	0	0	0	1	0					1	2%
Driver Obstructed	0	1	0	0	0	0	0	1	0					1	2%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	1	0	1	0	0	0	0					1	2%
Glare on Windshield	1	0	1	1	0	0	0	0	0					1	2%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	0	0	1	0	2	0	0	0					1	2%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	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%
Total:	3	2	3	2	55	2	0	2	0					59	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	1	0	0	1	0	0	1	0					1	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	4	4	2	1	1	1	2	1	0					2	67%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	4	5	2	1	2	1	2	2	0					3	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	17	16	15	16	16	15	16	14	16					16	
Average Issued Red Seconds	426.7	85.6	733.5	596.8	430.8	71.4	0.0	878.6	1023.9					531	
Citation / Violation Issuance Rate	13%	13%	17%	25%	3%	0%	0%	0%	0%					14%	
Controllable Issuance Rate	20%	17%	33%	50%	50%	0%	0%	0%	0%					34%	



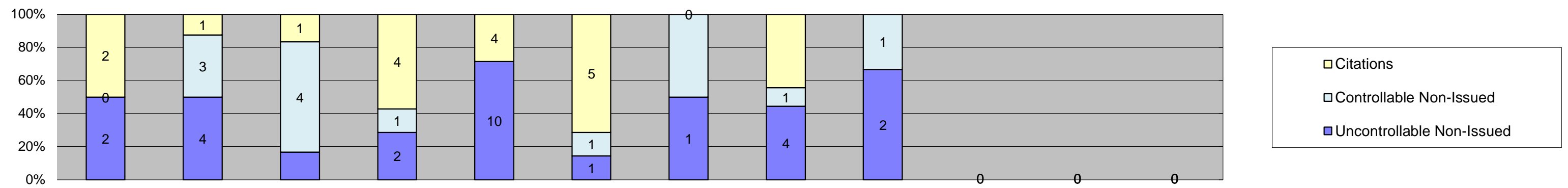
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4099: WB to SB 1st @ Clarence



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				1,132	98%
Violations	17	20	24	21	29	13	24	29	20				22	2%
Total:	1,182	1,101	1,204	1,161	1,212	1,191	1,088	1,131	1,117				1,154	100%
Violations														
Uncontrollable Non-Issued	5	12	15	11	22	8	15	20	10				13	60%
Controllable Non-Issued	3	2	4	2	2	2	2	4	1				2	11%
Citations	9	6	5	8	5	3	7	5	9				6	29%
Total:	17	20	24	21	29	13	24	29	20				22	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	3	4	0	1	3	1	0				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	1,073	997	1,081	1,056	1,090	1,093	974	1,007	989				1,040	89%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	91	83	96	80	93	84	87	94	73				87	7%
Train Activation	0	0	0	0	0	0	0	0	35				35	3%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	1,165	1,081	1,180	1,140	1,183	1,178	1,064	1,102	1,097				1,164	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	2	0	0	5	0	0	0	0				4	15%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	0	2	0	0	0	1	1	0	1				1	5%
Driver Obstructed	0	0	2	0	1	0	3	2	1				2	8%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	2	1	2	1	4	1	4	1	2				2	8%
Glare on Windshield	0	1	1	1	0	1	2	2	0				1	6%
Illegible Plate	0	0	2	1	2	0	1	1	1				1	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	1	0	0	0	0	0	0				1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	2	3	4	5	6	5	4	9	4				5	20%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	0	0	1	1	3	0	0	1	1				1	6%
Out of State	0	2	0	0	0	0	0	1	0				2	6%
Plate Obstructed	1	1	0	2	1	0	0	0	0				1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	2	0	0	0	0	3	0				3	11%
Total:	5	12	15	11	22	8	15	20	10				24	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	2	1	2	1	1	2	1	2	0				2	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	1	1	2	0	1	0	1	0	0				1	18%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	0				2	30%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	1	0	0	0	0	0				1	15%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	1				1	15%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	3	2	4	2	2	2	2	4	1				7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	17	20	18	17	17	18	19	18				18	
Average Issued Red Seconds	167.0	236.6	71.4	39.9	12.8	21.2	142.9	43.0	121.3				95	
Citation / Violation Issuance Rate	53%	30%	21%	38%	17%	23%	29%	17%	45%				30%	
Controllable Issuance Rate	75%	75%	56%	80%	71%	60%	78%	56%	90%				71%	



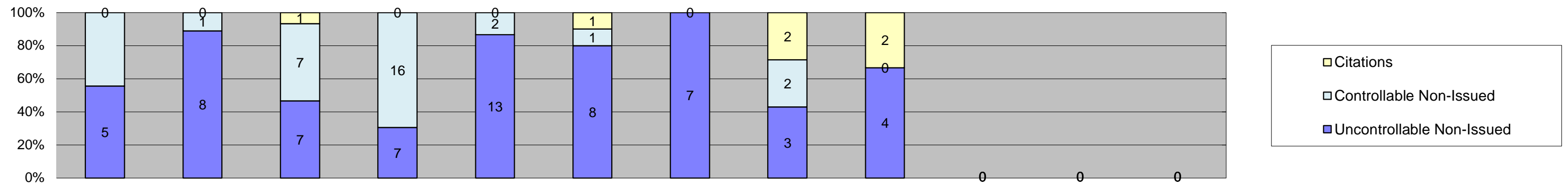
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4109: WB to SB 1st @ Utah



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399					1,539	100%
Violations	4	8	6	7	14	7	2	9	3					7	0%
Total:	1,366	1,321	2,348	1,420	1,513	1,499	1,364	1,681	1,402					1,546	100%
Violations															
Uncontrollable Non-Issued	2	4	1	2	10	1	1	4	2					3	39%
Controllable Non-Issued	0	3	4	1	0	1	1	1	1					2	22%
Citations	2	1	1	4	4	5	0	4	0					3	39%
Total:	4	8	6	7	14	7	2	9	3					8	100%
Non-Violations															
Emergency Vehicle Non-Issuable	0	2	2	0	0	0	1	0	0					2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	1,273	1,231	2,245	1,325	1,413	1,406	1,278	1,585	1,223					1,442	88%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	89	80	95	88	86	86	83	87	67					85	5%
Train Activation	0	0	0	0	0	0	0	0	109					109	7%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399					1,637	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	9	0	0	1	0					5	42%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0					0	0%
Driver Obstructed	1	1	0	0	0	0	0	0	1					1	8%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	1	0	1	1	0	1	1	1					1	8%
Glare on Windshield	0	1	0	0	0	0	0	0	0					1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	1	1	0	0	1	0	0	0					1	8%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0	0	0					1	8%
Out of State	0	0	0	0	0	0	0	0	0					0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	0	0	0	0	0	2	0					2	17%
Total:	2	4	1	2	10	1	1	4	2					12	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	0	3	4	0	0	1	0	0	0					3	47%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0					1	18%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	1	0	0	0	0	1					1	18%
Framing of Driver	0	0	0	0	0	0	1	0	0					1	18%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	0	3	4	1	0	1	1	1	1					6	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	17	17	18	16	18	17	15	16	15					17	
Average Issued Red Seconds	140.0	9.7	49.5	132.7	548.6	92.6	160.3	555.8	78.2					196	
Citation / Violation Issuance Rate	50%	13%	17%	57%	29%	71%	0%	44%	0%					40%	
Controllable Issuance Rate	100%	25%	20%	80%	100%	83%	0%	80%	0%					70%	



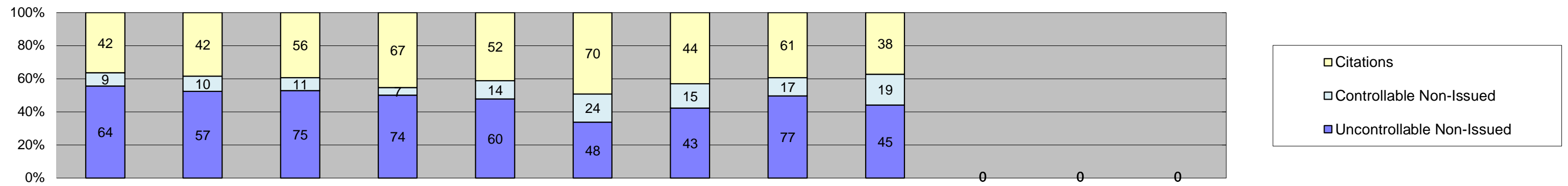
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4119: WB to SB 1st @ Anderson



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					1,486	99%
Violations	9	9	15	23	15	10	7	7	6					11	1%
Total:	1,361	1,153	1,440	2,816	1,201	1,397	1,365	1,445	1,295					1,497	100%
Violations															
Uncontrollable Non-Issued	5	8	7	7	13	8	7	3	4					7	53%
Controllable Non-Issued	4	1	7	16	2	1	0	2	0					5	36%
Citations	0	0	1	0	0	1	0	2	2					2	11%
Total:	9	9	15	23	15	10	7	7	6					13	100%
Non-Violations															
Emergency Vehicle Non-Issuable	0	0	0	1	0	1	1	0	0					1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	1,264	1,057	1,331	2,698	1,095	1,299	1,272	1,350	1,150					1,391	90%
Rear Axle Activation	0	0	0	0	0	0	0	0	0					0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0					0	0%
Test Shot	88	87	94	94	91	87	85	88	70					87	6%
Train Activation	0	0	0	0	0	0	0	0	69					69	4%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	1,352	1,144	1,425	2,793	1,186	1,387	1,358	1,438	1,289					1,548	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	1	0	1	1	1	0	0	0					1	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	0	1	0	1	0	2	0	0					1	12%
Driver Obstructed	1	2	0	1	1	1	1	1	0					1	10%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	1	0	0	2	1	0	0	1	0					1	11%
Illegible Plate	2	1	2	1	2	3	2	0	1					2	16%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0					0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0					1	9%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	1	4	3	1	7	3	2	1	3					3	25%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	1	0	0	0	0	0	0					1	9%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	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%
Total:	5	8	7	7	13	8	7	3	4					11	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	3	0	3	1	2	0	0	2	0					2	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	1	1	4	15	0	1	0	0	0					4	67%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	4	1	7	16	2	1	0	2	0					7	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	0	0	21	15	17	16	18	17	19					18	
Average Issued Red Seconds	0.0	0.0	581.6	137.7	302.9	189.5	849.0	311.3	507.0					411	
Citation / Violation Issuance Rate	0%	0%	7%	0%	0%	10%	0%	29%	33%					20%	
Controllable Issuance Rate	0%	0%	13%	0%	0%	50%	0%	50%	100%					53%	



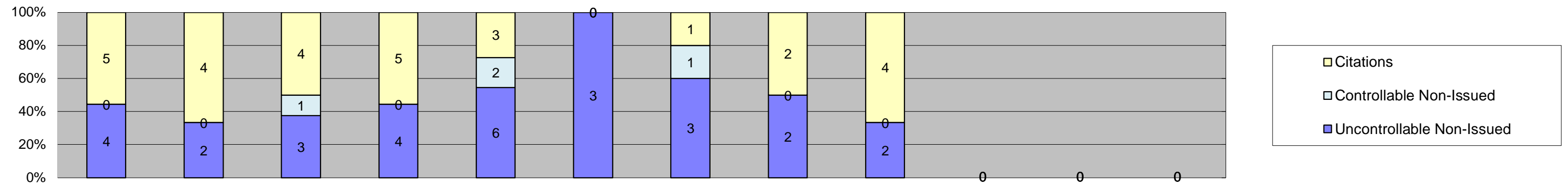
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4127: EB to NB 1st @ Mission



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Quantity	Monthly Average %
Non-Violations	772	739	787	629	713	754	723	806	806				748	86%
Violations	115	109	142	148	126	142	102	155	102				127	14%
Total:	887	848	929	777	839	896	825	961	908				874	100%
Violations														
Uncontrollable Non-Issued	64	57	75	74	60	48	43	77	45				60	48%
Controllable Non-Issued	9	10	11	7	14	24	15	17	19				14	11%
Citations	42	42	56	67	52	70	44	61	38				52	41%
Total:	115	109	142	148	126	142	102	155	102				127	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	3	1	0	0	4	4	2	1				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	675	650	688	539	615	655	631	706	697				651	85%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	95	86	98	90	97	94	88	98	90				93	12%
Train Activation	0	0	0	0	0	0	0	0	18				18	2%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	1	1	0	0	0				1	0%
Total:	772	739	787	629	713	754	723	806	806				765	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	3	2	0	1	3	3	2	1	1				2	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	1	1	6	3	0	1	2	0	1				2	3%
Driver Obstructed	3	2	1	6	2	6	6	4	2				4	5%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	30	28	23	22	18	7	11	12	14				18	26%
Glare on Windshield	0	1	3	2	0	3	1	1	2				2	3%
Illegible Plate	0	0	2	0	1	1	3	5	4				3	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	1	0	0	0	1	0	0	1	0				1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	20	21	26	25	24	25	16	24	16				22	31%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	1	0	1	4	6	1	0	1	0				2	3%
Out of State	1	1	4	4	4	1	2	5	3				3	4%
Plate Obstructed	4	1	2	4	1	0	0	1	2				2	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	7	3	0	0	0	22	0				11	15%
Total:	64	57	75	74	60	48	43	77	45				71	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	1	3	2	2	5	11	0	4	0				4	14%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	7	7	9	3	8	11	6	6	1				6	22%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	3	1	2				2	7%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	2	1	1	4	0	9				3	12%
Framing of Driver	0	0	0	0	0	1	2	0	3				2	7%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	6	0				6	21%
Reject Expired	0	0	0	0	0	0	0	0	4				4	14%
Speed Not Determined	1	0	0	0	0	0	0	0	0				1	3%
Total:	9	10	11	7	14	24	15	17	19				29	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	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				22	
Citation / Violation Issuance Rate	37%	39%	39%	45%	41%	49%	43%	39%	37%				41%	
Controllable Issuance Rate	82%	81%	84%	91%	79%	74%	75%	78%	67%				79%	



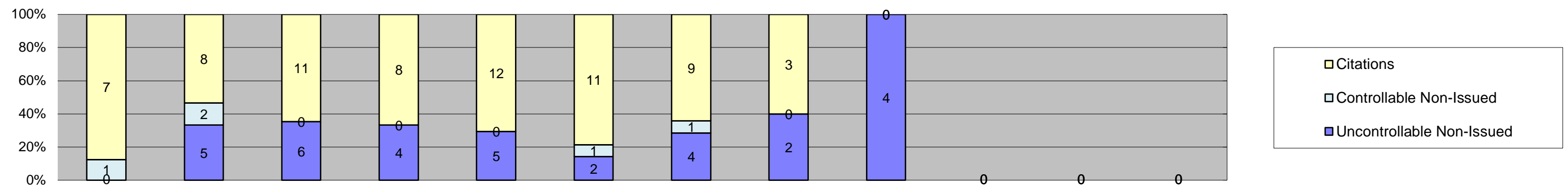
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4129: WB to SB 1st @ Mission



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				803	99%
Violations	9	6	8	9	11	3	5	4	6				7	1%
Total:	641	731	890	990	788	876	785	874	714				810	100%
Violations														
Uncontrollable Non-Issued	4	2	3	4	6	3	3	2	2				3	40%
Controllable Non-Issued	0	0	1	0	2	0	1	0	0				1	17%
Citations	5	4	4	5	3	0	1	2	4				4	43%
Total:	9	6	8	9	11	3	5	4	6				8	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	0	2	1	0	1	0	0				2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0				0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0				0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0				0	0%
No Violation Occurred	545	646	787	893	688	780	689	781	621				714	88%
Rear Axle Activation	0	0	0	0	0	0	0	0	0				0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0				0	0%
Test Shot	87	77	95	86	88	93	90	89	83				88	11%
Train Activation	0	0	0	0	0	0	0	0	4				4	0%
Amber Time Low	0	0	0	0	0	0	0	0	0				0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0				0	0%
Total:	632	725	882	981	777	873	780	870	708				808	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0				0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0				0	0%
Car Obstructed	0	0	0	0	2	1	1	0	0				1	13%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0				0	0%
Driver Identity Unclear	2	0	1	0	0	0	0	0	0				2	14%
Driver Obstructed	0	0	0	1	0	0	0	0	0				1	10%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Glare on Plate	0	0	0	0	1	1	1	0	0				1	10%
Glare on Windshield	0	0	1	2	2	0	1	0	0				2	14%
Illegible Plate	0	0	0	0	0	0	0	0	0				0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0				0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0				0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0				0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0				0	0%
No Plate	1	2	0	1	1	0	0	1	1				1	11%
No Speed Captured	0	0	0	0	0	0	0	0	0				0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	0	0				1	10%
Out of State	0	0	0	0	0	0	0	0	1				1	10%
Plate Obstructed	0	0	0	0	0	0	0	0	0				0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0				0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0				0	0%
TSB Expired	0	0	0	0	0	0	0	0	0				0	0%
TSB No Hit	0	0	1	0	0	0	0	1	0				1	10%
Total:	4	2	3	4	6	3	3	2	2				11	100%
Controllable Non-Issued Violations														
Cnduent Expire	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0				0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0				0	0%
Dark Interior	0	0	1	0	0	0	0	0	0				1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0				0	0%
Data Entry Error	0	0	0	0	2	0	0	0	0				2	50%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0				0	0%
Exposed	0	0	0	0	0	0	0	0	0				0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0				1	25%
Framing- PD	0	0	0	0	0	0	0	0	0				0	0%
Framing of Car	0	0	0	0	0	0	0	0	0				0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0				0	0%
Operator Error	0	0	0	0	0	0	0	0	0				0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0				0	0%
Reject Expired	0	0	0	0	0	0	0	0	0				0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0				0	0%
Total:	0	0	1	0	2	0	1	0	0				4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0				0	
Average Issued Speed	19	19	20	23	18	18	23	15	15				19	
Average Issued Red Seconds	365.6	462.0	478.7	120.4	512.1	1023.9	38.1	240.6	319.5				396	
Citation / Violation Issuance Rate	56%	67%	50%	56%	27%	0%	20%	50%	67%				49%	
Controllable Issuance Rate	100%	100%	80%	100%	60%	0%	50%	100%	100%				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					97	89%
Violations	8	15	17	12	17	14	14	5	4					12	11%
Total:	130	117	140	82	112	97	94	111	95					109	100%
Violations															
Uncontrollable Non-Issued	0	5	6	4	5	2	4	2	4					4	29%
Controllable Non-Issued	1	2	0	0	0	1	1	0	0					1	9%
Citations	7	8	11	8	12	11	9	3	0					9	62%
Total:	8	15	17	12	17	14	14	5	4					14	100%
Non-Violations															
Emergency Vehicle Non-Issuable	5	0	0	5	4	3	11	0	0					6	6%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0					0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0					0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0					0	0%
No Violation Occurred	96	81	103	47	74	61	51	83	76					75	74%
Rear Axle Activation	1	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%
Test Shot	20	21	20	18	17	19	18	23	15					19	19%
Train Activation	0	0	0	0	0	0	0	0	0					0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0					0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0					0	0%
Total:	122	102	123	70	95	83	80	106	91					100	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	0	0	0	0	0	0	0					0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0					0	0%
Car Obstructed	0	0	0	0	0	1	0	0	1					1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0					0	0%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0					1	8%
Driver Obstructed	0	1	0	1	0	0	0	0	0					1	8%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0					0	0%
Glare on Windshield	0	0	1	2	1	0	0	0	0					1	11%
Illegible Plate	0	0	0	0	0	0	0	0	0					0	0%
Interest of Justice- PD	0	2	0	0	0	0	0	0	0					2	17%
Image Quality- PD	0	0	0	0	0	0	0	0	0					0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0					0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0					0	0%
No Plate	0	1	3	0	4	1	3	0	3					3	21%
No Speed Captured	0	0	0	0	0	0	0	0	0					0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0					0	0%
Out of State	0	0	0	1	0	0	0	0	0					1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0					0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0					0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0					0	0%
TSB Expired	0	0	0	0	0	0	0	0	0					0	0%
TSB No Hit	0	0	2	0	0	0	0	2	0					2	17%
Total:	0	5	6	4	5	2	4	2	4					12	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0					0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0					0	0%
Dark Interior	0	0	0	0	0	0	0	0	0					0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0					0	0%
Data Entry Error	1	2	0	0	0	1	1	0	0					1	100%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0					0	0%
Exposed	0	0	0	0	0	0	0	0	0					0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0					0	0%
Framing- PD	0	0	0	0	0	0	0	0	0					0	0%
Framing of Car	0	0	0	0	0	0	0	0	0					0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0					0	0%
Operator Error	0	0	0	0	0	0	0	0	0					0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0					0	0%
Reject Expired	0	0	0	0	0	0	0	0	0					0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0					0	0%
Total:	1	2	0	0	0	1	1	0	0					1	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0					0	
Average Issued Speed	19	26	30	24	25	25	30	20	23					25	
Average Issued Red Seconds	0.8	31.1	96.9	44.3	1.9	81.2	29.6	0.5	0.4					32	
Citation / Violation Issuance Rate	88%	53%	65%	67%	71%	79%	64%	60%	0%					68%	
Controllable Issuance Rate	88%	80%	100%	100%	100%	92%	90%	100%	0%					94%	



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

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