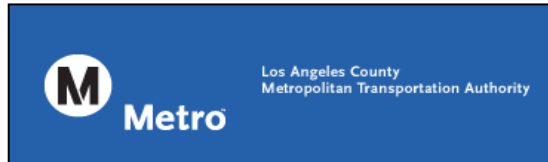




Gold Line Monthly Report



January - December 2018

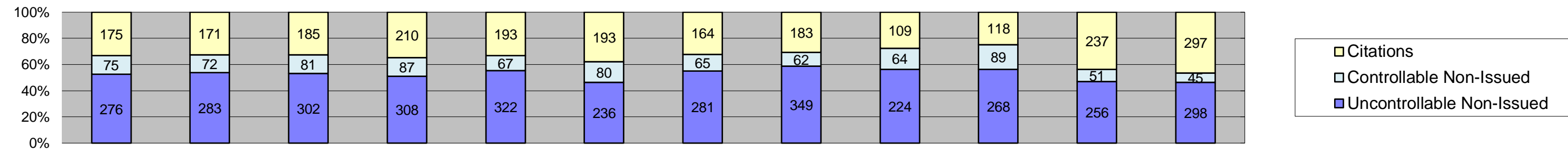


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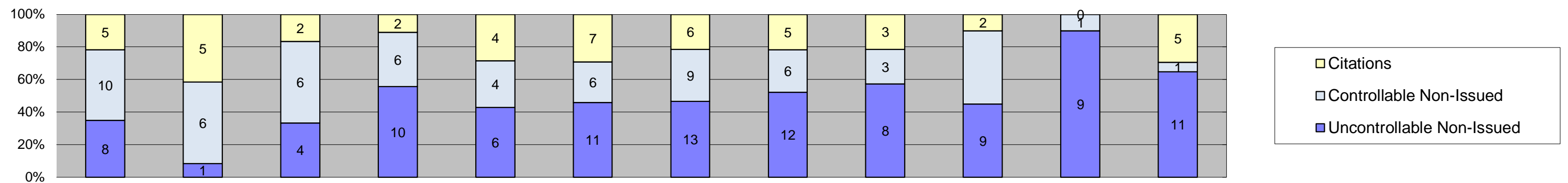
Los Angeles County MTA Gold Line
Approach Summary Report
All Locations
2018



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	17,689	16,415	19,128	18,685	17,774	17,874	17,787	19,080	17,756	18,049	16,042	17,771	17,838	97%
Violations	526	526	568	605	582	509	510	594	397	475	544	640	540	3%
Total:	18,215	16,941	19,696	19,290	18,356	18,383	18,297	19,674	18,153	18,524	16,586	18,411	18,377	100%
Violations														
Uncontrollable Non-Issued	276	283	302	308	322	236	281	349	224	268	256	298	284	53%
Controllable Non-Issued	75	72	81	87	67	80	65	62	64	89	51	45	70	13%
Citations	175	171	185	210	193	193	164	183	109	118	237	297	186	35%
Total:	526	526	568	605	582	509	510	594	397	475	544	640	540	100%
Non-Violations														
Emergency Vehicle Non-Issuable	111	100	82	155	126	171	132	84	70	54	49	95	102	0%
Emergency Vehicle PD	1	1	3	3	2	5	6	3	3	0	2	3	3	0%
Intersection Control in Progress-PD	0	1	0	0	0	0	0	0	0	0	0	1	1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	14,522	13,545	15,898	15,613	14,593	14,697	14,599	15,880	13,893	7,452	7,525	9,092	13,109	62%
Rear Axle Activation	1	0	1	0	2	0	0	1	0	1	1	16	3	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	3,054	2,768	3,144	2,913	3,049	2,999	3,050	3,112	2,852	2,816	2,851	2,872	2,957	14%
Train Activation	0	0	0	0	0	0	0	0	938	7,726	5,613	5,692	4,992	24%
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	1	0	2	0%
Total:	17,689	16,415	19,128	18,685	17,774	17,874	17,787	19,080	17,756	18,049	16,042	17,771	21,169	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	10	12	2	7	76	14	11	4	7	9	6	9	14	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	30	32	24	17	13	8	15	5	6	15	17	13	16	5%
Driver Obstructed	25	29	19	29	17	25	40	26	20	18	31	25	25	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	3	16	17	19	0	11	3%
Glare on Plate	50	65	53	51	47	44	44	41	30	36	19	34	43	13%
Glare on Windshield	16	18	17	27	18	12	23	24	18	13	9	17	18	5%
Illegible Plate	29	23	34	30	24	27	45	35	17	26	21	26	28	8%
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	3	1	2	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	81	75	81	95	96	88	89	85	93	89	104	93	89	26%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	17	11	12	16	18	10	2	19	5	5	11	14	12	3%
Out of State	5	6	11	11	7	5	6	15	7	6	5	2	7	2%
Plate Obstructed	10	10	10	9	3	1	3	7	4	7	9	7	7	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	2	0	2	1%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	25	0	0	25	7%
TSB No Hit	0	0	37	15	0	0	0	81	0	2	0	57	38	11%
Total:	276	283	302	308	322	236	281	349	224	268	256	298	339	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	16	15	19	15	26	25	6	24	13	21	28	12	18	19%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	44	38	42	41	24	30	31	16	5	2	1	9	24	24%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	1	3	2	1	3	6	11	4	7	12	8	5	5%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	10	15	15	27	15	18	19	4	20	9	9	13	15	15%
Framing of Driver	1	0	0	0	0	1	3	0	4	3	1	2	2	2%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	1	1	0	0	0	0	7	1	2	0	1	2	2%
Reject Expired	0	0	0	0	0	0	0	0	17	45	0	0	31	31%
Speed Not Determined	2	2	1	2	1	3	0	0	0	0	0	0	2	2%
Total:	75	72	81	87	67	80	65	62	64	89	51	45	99	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	17	17	18	17	18	17	18	18	17	17	17	18	17	
Average Issued Red Seconds	144.2	103.4	185.3	121.8	227.3	130.0	159.1	171.9	135.8	116.7	128.8	170.6	149.6	
Citation / Violation Issuance Rate	33%	33%	33%	35%	33%	38%	32%	31%	27%	25%	44%	46%	34%	
Controllable Issuance Rate	70%	70%	70%	71%	74%	71%	72%	75%	63%	57%	82%	87%	72%	



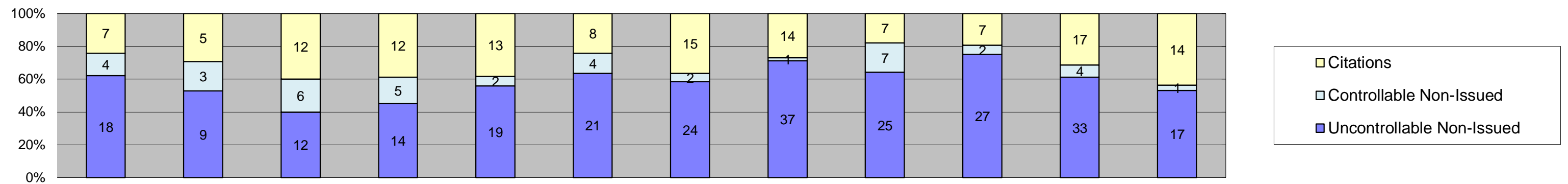
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4007: EB to NB 3rd @ Civic Center



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	3,165	2,870	3,370	3,119	3,484	3,462	3,859	4,079	3,875	3,228	1,407	1,347	3,105	99%
Violations	23	12	12	18	14	24	28	23	14	20	10	17	18	1%
Total:	3,188	2,882	3,382	3,137	3,498	3,486	3,887	4,102	3,889	3,248	1,417	1,364	3,123	100%
Violations														
Uncontrollable Non-Issued	8	1	4	10	6	11	13	12	8	9	9	11	9	47%
Controllable Non-Issued	10	6	6	6	4	6	9	6	3	9	1	1	6	31%
Citations	5	5	2	2	4	7	6	5	3	2	0	5	4	23%
Total:	23	12	12	18	14	24	28	23	14	20	10	17	18	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	0	0	3	4	1	1	2	1	1	0	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	3,025	2,730	3,210	2,975	3,332	3,305	3,700	3,919	3,292	124	145	162	2,493	62%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	139	138	160	144	149	153	158	159	146	142	125	117	144	4%
Train Activation	0	0	0	0	0	0	0	0	435	2,961	1,136	1,068	1,400	35%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3,165	2,870	3,370	3,119	3,484	3,462	3,859	4,079	3,875	3,228	1,407	1,347	4,039	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	2	0	0	2	3	0	2	13%
Driver Obstructed	1	0	0	2	0	0	1	0	1	0	0	1	1	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	3	0	2	5	2	5	3	2	4	1	2	4	3	17%
Glare on Windshield	0	0	0	0	0	0	0	2	0	0	0	1	2	8%
Illegible Plate	2	0	2	1	1	5	3	3	2	5	2	4	3	15%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	6%
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	1	1	0	2	1	1	4	2	0	0	1	1	2	9%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	0	0	2	0	0	0	1	0	0	0	1	8%
Out of State	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0	1	0	0	1	0	1	6%
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	1	0	0	1	6%
TSB No Hit	0	0	0	0	0	0	0	1	0	0	0	0	1	6%
Total:	8	1	4	10	6	11	13	12	8	9	9	11	18	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	0	0	0	0	0	0	0	0	0	1	0	0	1	7%
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	10	6	6	5	4	6	8	3	2	0	0	0	6	40%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	1	2	1	0	1	0	1	9%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	1	0	0	0	0	0	3	0	1	2	12%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	1	0	2	0	0	2	11%
Reject Expired	0	0	0	0	0	0	0	0	0	3	0	0	3	21%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	10	6	6	6	4	6	9	6	3	9	1	1	14	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	16	18	19	15	17	16	16	17	17	14	18	17	
Average Issued Red Seconds	51.1	114.0	57.6	249.2	265.1	79.6	306.3	98.2	91.2	148.8	152.0	35.3	137	
Citation / Violation Issuance Rate	22%	42%	17%	11%	29%	29%	21%	22%	21%	10%	0%	29%	23%	
Controllable Issuance Rate	33%	45%	25%	25%	50%	54%	40%	45%	50%	18%	0%	83%	43%	



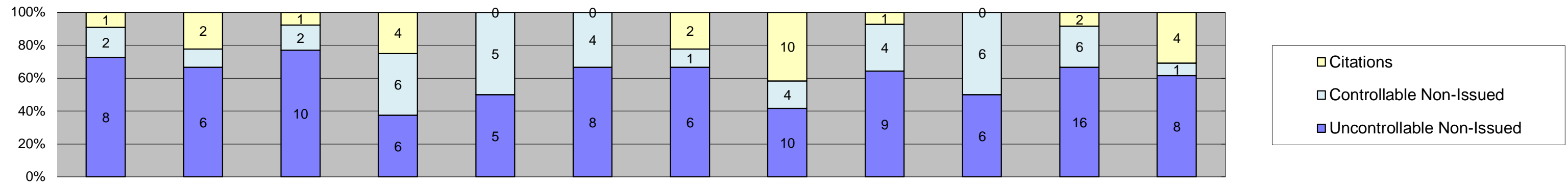
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4009: WB to SB 3rd @ La Verne



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	578	469	581	545	525	517	528	517	466	449	469	566	518	94%
Violations	29	17	30	31	34	33	41	52	39	36	54	32	36	6%
Total:	607	486	611	576	559	550	569	569	505	485	523	598	553	100%
Violations														
Uncontrollable Non-Issued	18	9	12	14	19	21	24	37	25	27	33	17	21	60%
Controllable Non-Issued	4	3	6	5	2	4	2	1	7	2	4	1	3	10%
Citations	7	5	12	12	13	8	15	14	7	7	17	14	11	31%
Total:	29	17	30	31	34	33	41	52	39	36	54	32	36	100%
Non-Violations														
Emergency Vehicle Non-Issuable	39	41	33	45	54	69	40	39	20	15	21	33	37	7%
Emergency Vehicle PD	0	0	0	0	1	3	1	2	3	0	1	0	2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	393	306	410	360	335	315	352	344	305	246	267	339	331	60%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	146	122	138	140	135	130	135	132	128	118	120	132	131	24%
Train Activation	0	0	0	0	0	0	0	0	10	70	60	62	51	9%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	578	469	581	545	525	517	528	517	466	449	469	566	552	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	0	0	0	0	1	0	3	0	1	0	0	0	2	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	1	0	1	2	1	0	1	1	1	0	1	1	3%
Driver Obstructed	1	1	1	0	0	2	3	4	0	4	4	0	3	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	2	10	8	9	0	6	17%
Glare on Plate	0	1	1	0	2	6	3	9	5	0	1	4	4	10%
Glare on Windshield	2	0	2	2	3	1	1	3	0	2	1	0	2	5%
Illegible Plate	1	0	1	0	2	1	8	2	0	3	1	1	2	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	1	0	0	0	0	0	1	3%
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	9	3	5	4	7	9	4	5	7	3	14	7	6	18%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	3	1	0	2	2	0	1	3	0	1	0	0	2	5%
Out of State	0	1	0	1	0	0	0	0	0	1	0	0	1	3%
Plate Obstructed	0	1	0	1	0	0	0	2	1	3	3	1	2	5%
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	1	0	0	1	3%
TSB No Hit	0	0	2	3	0	0	0	6	0	0	0	3	4	10%
Total:	18	9	12	14	19	21	24	37	25	27	33	17	36	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	0	2	0	0	1	3	0	1	4	1	0	1	2	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	3	0	4	4	0	1	2	0	0	0	0	0	3	28%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	1	0	0	0	0	0	0	0	0	1	0	1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	0	1	1	1	0	0	0	0	0	3	0	1	14%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	3	1	0	0	2	20%
Speed Not Determined	0	0	1	0	0	0	0	0	0	0	0	0	1	10%
Total:	4	3	6	5	2	4	2	1	7	2	4	1	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	17	17	17	16	16	17	17	16	16	17	17	17	17
Average Issued Red Seconds	134.6	99.4	172.5	96.2	148.8	158.5	77.5	177.8	145.0	37.6	100.1	172.2	127	
Citation / Violation Issuance Rate	24%	29%	40%	39%	38%	24%	37%	27%	18%	19%	31%	44%	31%	
Controllable Issuance Rate	64%	63%	67%	71%	87%	67%	88%	93%	50%	78%	81%	93%	75%	



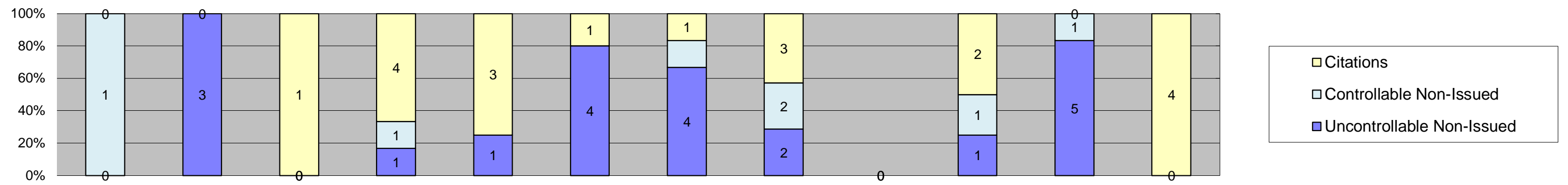
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4017: EB to NB 3rd @ Mednik



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	381	330	398	381	364	334	378	424	384	339	402	382	375	96%
Violations	11	9	13	16	10	12	9	24	14	12	24	13	14	4%
Total:	392	339	411	397	374	346	387	448	398	351	426	395	389	100%
Violations														
Uncontrollable Non-Issued	8	6	10	6	5	8	6	10	9	6	16	8	8	56%
Controllable Non-Issued	2	1	2	6	5	4	1	4	4	6	6	1	4	24%
Citations	1	2	1	4	0	0	2	10	1	0	2	4	3	20%
Total:	11	9	13	16	10	12	9	24	14	12	24	13	15	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	7	6	4	5	3	4	5	3	0	7	5	1%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	256	221	246	247	232	210	243	287	241	120	158	141	217	50%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	121	107	145	127	128	119	132	133	129	125	125	119	126	29%
Train Activation	0	0	0	0	0	0	0	0	9	91	119	115	84	19%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	381	330	398	381	364	334	378	424	384	339	402	382	432	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	0	0	0	1	0	1	0	0	0	0	0	1	1	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	2	2	1	0	1	2	0	0	0	3	3	2	12%
Driver Obstructed	1	1	4	2	1	2	2	3	4	2	4	1	2	13%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	3	2	1	0	2	12%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	2	2	0	1	2	1	0	4	0	0	1	0	2	11%
Illegible Plate	1	0	0	0	0	1	0	1	0	1	1	1	1	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	6%
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	1	1	3	0	1	2	2	0	2	0	5	2	2	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	1	0	0	0	0	0	0	0	0	1	6%
Out of State	1	0	0	0	0	0	0	1	0	0	0	0	1	6%
Plate Obstructed	0	0	0	0	1	0	0	0	0	0	0	0	1	6%
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	0	0	0	0	0	1	0	1	0	0	1	6%
Total:	8	6	10	6	5	8	6	10	9	6	16	8	17	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	2	0	2	2	3	2	1	3	1	6	6	1	3	34%
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	0	0	0	2	1	0	0	0	0	0	0	0	2	19%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	1	0	0	0	1	13%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	2	1	2	0	1	2	0	0	0	2	21%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	1	0	0	0	0	0	0	0	0	0	0	1	13%
Total:	2	1	2	6	5	4	1	4	4	6	6	1	8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	24	22	22	21	18	16	23	22	21	21	19	20	21	21
Average Issued Red Seconds	24.6	136.6	244.2	224.5	696.4	78.9	70.3	85.0	106.5	26.6	238.2	503.7	203	203
Citation / Violation Issuance Rate	9%	22%	8%	25%	0%	0%	22%	42%	7%	0%	8%	31%	19%	19%
Controllable Issuance Rate	33%	67%	33%	40%	0%	0%	67%	71%	20%	0%	25%	80%	48%	48%



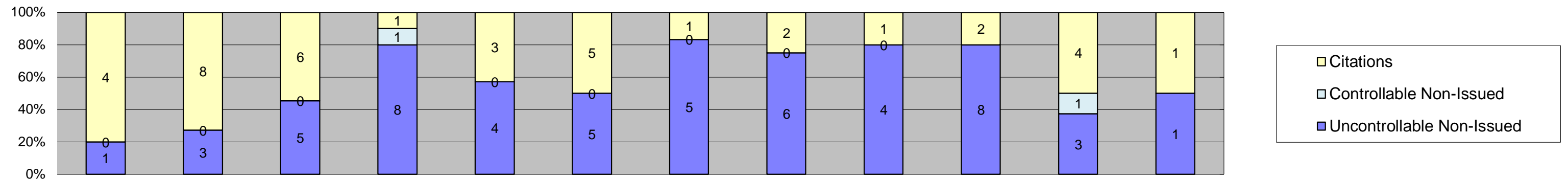
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4019: WB to SB 3rd @ Mednik



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	512	423	498	442	464	483	434	436	409	388	434	391	443	99%
Violations	1	3	1	6	4	5	6	7	0	4	6	4	4	1%
Total:	513	426	499	448	468	488	440	443	409	392	440	395	447	100%
Violations														
Uncontrollable Non-Issued	0	3	0	1	1	4	4	2	0	1	5	0	3	43%
Controllable Non-Issued	1	0	0	1	0	0	1	2	0	1	1	0	1	19%
Citations	0	0	1	4	3	1	1	3	0	2	0	4	2	39%
Total:	1	3	1	6	4	5	6	7	0	4	6	4	6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	12	9	10	10	11	12	19	3	11	4	3	8	9	2%
Emergency Vehicle PD	0	0	0	0	0	0	2	0	0	0	0	1	2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	381	310	361	312	321	351	293	305	278	166	198	180	288	58%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	119	104	127	120	132	120	120	128	115	106	126	121	120	24%
Train Activation	0	0	0	0	0	0	0	0	5	112	107	81	76	15%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	512	423	498	442	464	483	434	436	409	388	434	391	495	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	0	0	0	0	0	1	0	0	0	0	0	0	1	7%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0	0	0	0	1	7%
Driver Obstructed	0	1	0	0	1	3	0	1	0	0	0	0	2	11%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	3	0	3	22%
Glare on Plate	0	0	0	0	0	0	2	0	0	0	0	0	2	14%
Glare on Windshield	0	0	0	1	0	0	2	1	0	0	0	0	1	10%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	1	0	0	0	0	0	0	0	0	0	0	1	7%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	2	0	2	14%
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	1	0	0	1	7%
TSB No Hit	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	3	0	1	1	4	4	2	0	1	5	0	14	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	0	0	0	0	0	0	0	2	0	1	0	0	2	43%
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	1	0	0	1	0	0	0	0	0	0	0	0	1	29%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0	0	1	0	1	29%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	0	1	0	0	1	2	0	1	1	0	4	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	0
Average Issued Speed	20	18	16	23	18	22	17	16	21	27	21	22	20	
Average Issued Red Seconds	582.5	452.6	111.4	260.8	156.4	0.2	272.6	99.8	105.3	0.2	377.5	156.7	215	
Citation / Violation Issuance Rate	0%	0%	100%	67%	75%	20%	17%	43%	0%	50%	0%	100%	59%	
Controllable Issuance Rate	0%	0%	100%	80%	100%	100%	50%	60%	0%	67%	0%	100%	82%	



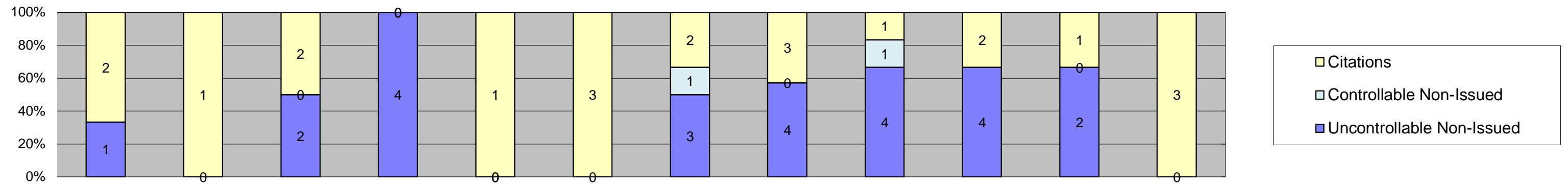
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4027: EB to NB 3rd @ Arizona



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	370	395	350	330	98%
Violations	5	11	11	10	7	10	6	8	5	10	8	2	8	2%
Total:	296	301	282	320	302	349	324	393	351	380	403	352	338	100%
Violations														
Uncontrollable Non-Issued	1	3	5	8	4	5	5	6	4	8	3	1	4	51%
Controllable Non-Issued	0	0	0	1	0	0	0	0	0	0	1	0	1	12%
Citations	4	8	6	1	3	5	1	2	1	2	4	1	3	37%
Total:	5	11	11	10	7	10	6	8	5	10	8	2	9	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	0	0	0	0	2	1	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	1	1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	171	184	153	193	176	214	205	263	230	88	101	72	171	41%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	118	106	118	117	119	125	113	122	109	121	117	116	117	28%
Train Activation	0	0	0	0	0	0	0	0	7	161	175	160	126	30%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	291	290	271	310	295	339	318	385	346	370	395	350	416	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	4	2	3	1	0	1	0	0	0	0	2	14%
Driver Obstructed	0	0	0	1	0	0	0	0	0	0	2	0	2	11%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	1	0	0	0	0	0	0	1	1	0	0	0	1	7%
Illegible Plate	0	0	0	0	1	0	0	1	0	0	0	0	1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	0	1	1	4	0	3	5	0	3	8	0	0	4	25%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	1	1	1	7%
Out of State	0	0	0	0	0	1	0	0	0	0	0	0	1	7%
Plate Obstructed	0	1	0	0	0	0	0	0	0	0	0	0	1	7%
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	0	1	0	0	0	3	0	0	0	0	2	14%
Total:	1	3	5	8	4	5	5	6	4	8	3	1	14	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	0	0	0	0	0	0	0	0	0	0	1	0	1	50%
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	0	0	0	1	0	0	0	0	0	0	0	0	1	50%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	0	1	0	0	0	0	0	0	1	0	2	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	0
Average Issued Speed	16	17	16	17	19	17	14	16	16	15	15	18	16	16
Average Issued Red Seconds	83.0	60.2	231.6	346.6	37.3	92.6	17.2	412.3	56.5	289.8	168.5	155.1	163	163
Citation / Violation Issuance Rate	80%	73%	55%	10%	43%	50%	17%	25%	20%	20%	50%	50%	41%	41%
Controllable Issuance Rate	100%	100%	100%	50%	100%	100%	100%	100%	100%	100%	80%	100%	94%	94%



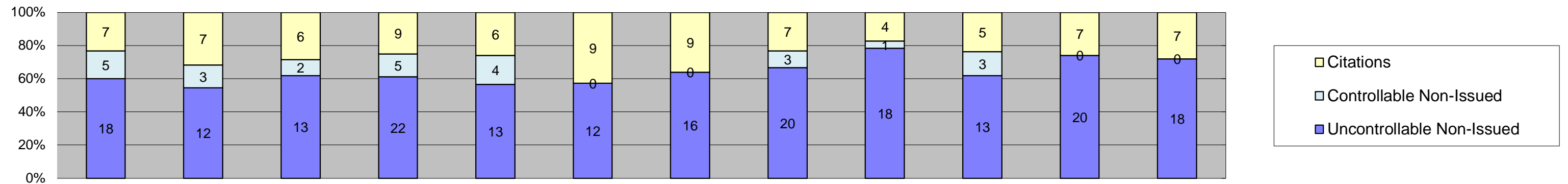
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4029: WB to SB 3rd @ Arizona



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	217	225	244	234	98%
Violations	3	1	4	4	1	3	6	7	6	6	3	3	4	2%
Total:	235	198	240	229	253	252	247	252	254	223	228	247	238	100%
Violations														
Uncontrollable Non-Issued	1	0	2	4	0	0	3	4	4	4	2	0	3	51%
Controllable Non-Issued	0	0	0	0	0	0	1	0	1	0	0	0	1	17%
Citations	2	1	2	0	1	3	2	3	1	2	1	3	2	32%
Total:	3	1	4	4	1	3	6	7	6	6	3	3	6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	4	5	5	3	0	0	0	0	1	3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	109	89	112	106	128	131	112	119	117	30	35	37	94	33%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	122	108	124	115	119	113	126	126	118	103	110	109	116	41%
Train Activation	0	0	0	0	0	0	0	0	13	84	80	97	69	24%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	232	197	236	225	252	249	241	245	248	217	225	244	282	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	0	2	1	0	1	11%
Driver Obstructed	0	0	0	0	0	0	1	0	0	0	0	0	1	8%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	1	0	0	0	0	0	0	0	0	1	8%
Glare on Windshield	0	0	0	0	0	0	1	0	0	0	0	0	1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	0	1	2	0	0	1	0	4	2	1	0	2	15%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	2	0	0	0	0	2	16%
Out of State	0	0	1	0	0	0	0	0	0	0	0	0	1	8%
Plate Obstructed	1	0	0	0	0	0	0	0	0	0	0	0	1	8%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	2	0	0	0	0	2	16%
Total:	1	0	2	4	0	0	3	4	4	4	2	0	12	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	1	0	1	0	0	0	1	100%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	0	0	0	0	1	0	1	0	0	0	1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	15	15	16	18	15	18	16	14	16	14	18	16	16
Average Issued Red Seconds	281.9	35.8	239.7	180.2	1023.9	215.1	202.5	299.5	166.9	65.0	473.0	50.6	270	270
Citation / Violation Issuance Rate	67%	100%	50%	0%	100%	100%	33%	43%	17%	33%	33%	100%	61%	61%
Controllable Issuance Rate	100%	100%	100%	0%	100%	100%	67%	100%	50%	100%	100%	100%	92%	92%



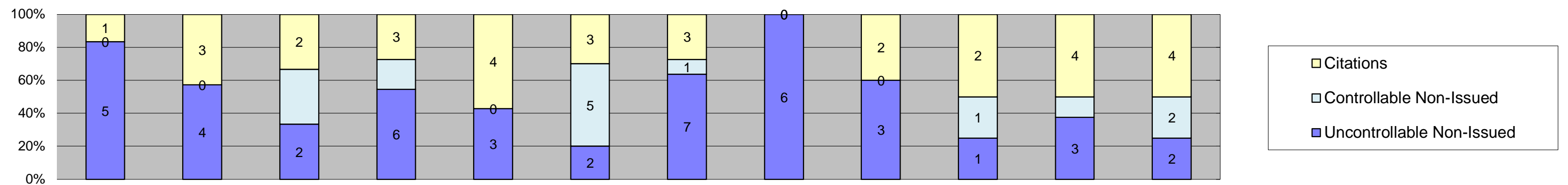
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4037: EB to NB 3rd @ McDonnell



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	646	513	594	583	531	557	536	577	531	557	522	480	552	96%
Violations	30	22	21	36	23	21	25	30	23	21	27	25	25	4%
Total:	676	535	615	619	554	578	561	607	554	578	549	505	578	100%
Violations														
Uncontrollable Non-Issued	18	12	13	22	13	12	16	20	18	13	20	18	16	62%
Controllable Non-Issued	5	3	2	5	4	0	0	3	1	3	0	0	3	12%
Citations	7	7	6	9	6	9	9	7	4	5	7	7	7	26%
Total:	30	22	21	36	23	21	25	30	23	21	27	25	26	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	2	1	0	0	0	3	1	1	1	0	1	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	433	364	426	421	365	384	362	404	325	288	247	222	353	59%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	210	147	167	162	166	173	171	172	199	179	200	177	177	30%
Train Activation	0	0	0	0	0	0	0	0	6	89	75	80	63	11%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	646	513	594	583	531	557	536	577	531	557	522	480	594	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	3	0	0	0	0	0	1	0	0	0	0	0	2	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	1	2	2	0	1	0	0	2	1	2	1	2	6%
Driver Obstructed	0	0	0	0	0	1	0	0	1	1	3	0	2	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	1	0	1	4%
Glare on Plate	0	1	3	1	0	0	0	1	3	1	2	5	2	8%
Glare on Windshield	0	0	0	0	0	0	0	0	1	0	1	2	1	5%
Illegible Plate	3	3	3	9	4	6	6	6	2	5	5	2	5	17%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	1	1	0	0	0	0	1	4%
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	8	6	2	6	8	2	7	9	8	5	5	5	6	22%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	2	0	2	1	1	1	0	0	0	0	0	0	1	5%
Out of State	0	0	0	1	0	1	1	0	0	0	1	1	1	4%
Plate Obstructed	0	1	0	0	0	0	0	0	1	0	0	0	1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	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	1	2	0	0	0	3	0	0	0	2	2	8%
Total:	18	12	13	22	13	12	16	20	18	13	20	18	26	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	0	2	0	1	3	0	0	1	0	1	0	0	2	19%
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	5	0	2	4	0	0	0	1	0	0	0	0	3	35%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	1	0	0	1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	1	0	0	0	0	0	0	0	0	0	0	1	12%
Reject Expired	0	0	0	0	0	0	0	0	1	1	0	0	1	12%
Speed Not Determined	0	0	0	0	1	0	0	0	0	0	0	0	1	12%
Total:	5	3	2	5	4	0	0	3	1	3	0	0	9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	16	15	18	17	16	15	16	15	16	16	17	16	16
Average Issued Red Seconds	95.7	69.9	117.8	68.8	48.3	114.5	197.6	215.9	123.0	122.1	208.8	124.8	126	126
Citation / Violation Issuance Rate	23%	32%	29%	25%	26%	43%	36%	23%	17%	24%	26%	28%	28%	28%
Controllable Issuance Rate	58%	70%	75%	64%	60%	100%	100%	70%	80%	63%	100%	100%	78%	78%



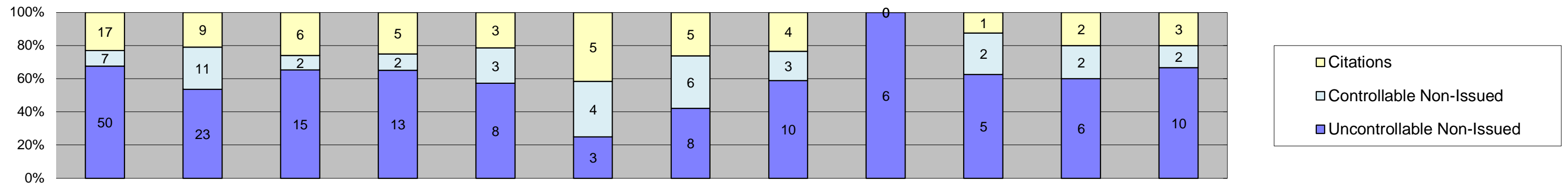
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4039: WB to SB 3rd @ McDonnell



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	444	333	427	414	419	406	425	436	385	407	407	378	407	98%
Violations	6	7	6	11	7	10	11	6	5	4	8	8	7	2%
Total:	450	340	433	425	426	416	436	442	390	411	415	386	414	100%
Violations														
Uncontrollable Non-Issued	5	4	2	6	3	2	7	6	3	1	3	2	4	43%
Controllable Non-Issued	0	0	2	2	0	5	1	0	0	1	1	2	2	24%
Citations	1	3	2	3	4	3	3	0	2	2	4	4	3	33%
Total:	6	7	6	11	7	10	11	6	5	4	8	8	8	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	2	3	10	2	16	3	1	3	5	1	3	4	1%
Emergency Vehicle PD	0	0	0	1	0	1	0	0	0	0	1	0	1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	310	219	293	276	286	259	276	296	245	183	188	155	249	54%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	132	112	131	127	131	130	146	139	132	120	124	118	129	28%
Train Activation	0	0	0	0	0	0	0	0	5	99	92	102	75	16%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	0%
Total:	444	333	427	414	419	406	425	436	385	407	407	378	458	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	0	1	0	0	0	0	0	0	0	0	0	0	1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	0	0	0	1	0	0	0	0	0	0	0	2	12%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	0	0	0	1	8%
Glare on Plate	0	1	1	3	1	2	2	2	0	0	0	0	2	14%
Glare on Windshield	0	1	0	0	0	0	0	0	0	0	0	0	1	8%
Illegible Plate	1	0	0	1	0	0	2	2	1	1	0	1	1	11%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0	0	0	0	1	8%
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	1	0	1	2	1	0	3	1	1	0	3	1	2	13%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	1	0	0	0	0	0	0	0	0	0	0	1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	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	0	0	0	0	0	1	0	0	0	0	1	8%
Total:	5	4	2	6	3	2	7	6	3	1	3	2	12	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	0	0	0	1	0	1	0	0	0	0	1	0	1	17%
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	0	0	2	0	0	2	1	0	0	0	0	0	2	28%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	1	0	1	0	0	0	0	0	2	1	22%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1	0	0	1	17%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0	0	0	1	17%
Total:	0	0	2	2	0	5	1	0	0	1	1	2	6	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	0
Average Issued Speed	17	16	16	0	17	19	18	20	17	19	17	18	18	18
Average Issued Red Seconds	65.2	248.9	36.1	0.0	397.7	238.4	518.8	50.2	207.9	121.6	313.0	29.2	202	202
Citation / Violation Issuance Rate	17%	43%	33%	27%	57%	30%	27%	0%	40%	50%	50%	50%	39%	39%
Controllable Issuance Rate	100%	100%	50%	60%	100%	38%	75%	0%	100%	67%	80%	67%	76%	76%



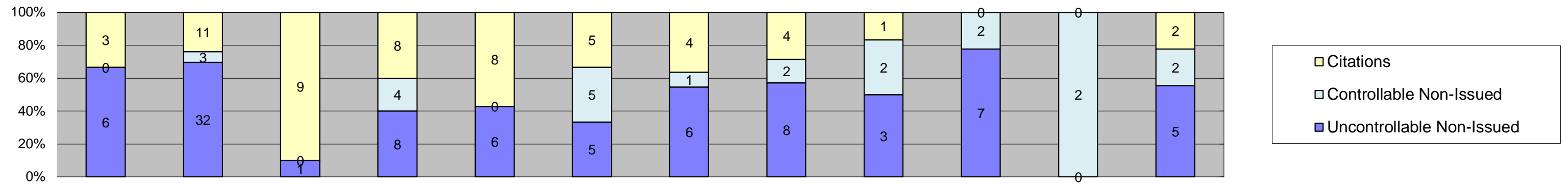
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4047: EB to NB 3rd @ Ford



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	926	689	742	860	832	678	646	758	627	711	701	805	748	97%
Violations	74	43	23	20	14	12	19	17	6	8	10	15	22	3%
Total:	1,000	732	765	880	846	690	665	775	633	719	711	820	770	100%
Violations														
Uncontrollable Non-Issued	50	23	15	13	8	3	8	10	6	5	6	10	13	58%
Controllable Non-Issued	7	11	2	2	3	4	6	3	0	2	2	2	4	18%
Citations	17	9	6	5	3	5	5	4	0	1	2	3	5	24%
Total:	74	43	23	20	14	12	19	17	6	8	10	15	23	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	0	0	4	4	2	0	2	0	0	0	2	3	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	786	552	620	728	697	541	507	628	502	442	428	543	581	71%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	1	1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	137	137	122	128	131	135	139	128	119	128	121	127	129	16%
Train Activation	0	0	0	0	0	0	0	0	6	141	152	132	108	13%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	926	689	742	860	832	678	646	758	627	711	701	805	822	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	0	1	0	1	1	1	0	1	0	1	0	1	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	7	3	0	0	1	0	0	0	0	0	0	2	3	13%
Driver Obstructed	7	1	2	3	1	0	3	2	0	0	1	0	3	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	2	0	2	8%
Glare on Plate	5	3	2	1	1	1	1	1	0	0	0	2	2	8%
Glare on Windshield	4	4	3	2	0	0	0	2	2	1	0	1	2	10%
Illegible Plate	8	5	4	4	0	0	2	4	0	1	2	1	3	14%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	15	4	2	1	3	0	1	0	4	1	1	2	3	14%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	2	2	1	0	0	1	0	0	0	0	0	0	2	6%
Out of State	0	0	0	0	1	0	0	0	0	0	0	0	1	4%
Plate Obstructed	2	0	0	0	0	0	1	0	0	1	0	0	1	5%
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	1	1	0	0	0	0	0	0	0	1	1	4%
Total:	50	23	15	13	8	3	8	10	6	5	6	10	25	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	0	1	0	1	1	0	0	0	0	0	1	0	1	12%
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	7	6	0	0	1	2	4	2	0	0	0	0	4	44%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	1	1	1	1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	4	2	1	1	1	2	0	0	1	0	1	2	20%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0	0	0	1	12%
Total:	7	11	2	2	3	4	6	3	0	2	2	2	8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	18	18	15	18	19	17	18	22	19	19	19	19	18
Average Issued Red Seconds	100.9	103.9	404.6	68.2	110.1	38.5	24.4	27.0	83.8	22.9	26.5	63.8	90	
Citation / Violation Issuance Rate	23%	21%	26%	25%	21%	42%	26%	24%	0%	13%	20%	20%	24%	
Controllable Issuance Rate	71%	45%	75%	71%	50%	56%	45%	57%	0%	33%	50%	60%	56%	



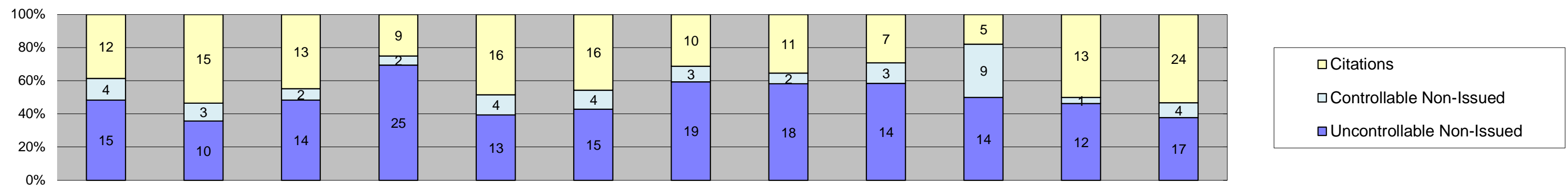
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4049: WB to SB 3rd @ Ford



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	243	343	260	271	279	273	274	297	327	206	104	305	265	95%
Violations	9	46	10	20	14	15	11	14	6	9	2	9	14	5%
Total:	252	389	270	291	293	288	285	311	333	215	106	314	279	100%
Violations														
Uncontrollable Non-Issued	6	32	1	8	6	5	6	8	3	7	0	5	8	50%
Controllable Non-Issued	0	3	0	4	0	5	1	2	2	2	2	2	3	16%
Citations	3	11	9	8	8	5	4	4	1	0	0	2	6	34%
Total:	9	46	10	20	14	15	11	14	6	9	2	9	16	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	2	1	14	10	11	3	3	1	1	0	6	5	2%
Emergency Vehicle PD	1	1	0	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress-PD	0	1	0	0	0	0	0	0	0	0	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	118	215	124	141	148	147	148	159	197	58	5	84	129	45%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	1	1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	119	124	135	116	121	115	123	135	113	100	91	161	121	42%
Train Activation	0	0	0	0	0	0	0	0	16	47	8	53	31	11%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	243	343	260	271	279	273	274	297	327	206	104	305	289	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	0	2	0	1	0	2	0	0	0	0	0	0	2	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	6	0	0	1	0	0	1	0	0	0	1	2	10%
Driver Obstructed	0	9	0	0	1	0	3	0	1	0	0	0	4	18%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	1	0	0	0	0	0	0	1	5%
Glare on Windshield	1	2	1	1	1	0	0	1	0	0	0	0	1	6%
Illegible Plate	0	5	0	1	0	0	1	0	0	3	0	0	3	13%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	2	6	0	4	3	2	2	3	2	4	0	2	3	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	1	0	0	0	1	1	5%
Out of State	1	0	0	0	0	0	0	0	0	0	0	0	1	5%
Plate Obstructed	1	1	0	0	0	0	0	0	0	0	0	0	1	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	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	0	1	0	0	0	2	0	0	0	1	1	7%
Total:	6	32	1	8	6	5	6	8	3	7	0	5	19	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	0	2	0	1	0	3	0	1	0	1	0	0	2	23%
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	0	1	0	0	0	1	0	0	0	0	0	1	1	14%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	2	0	2	29%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	3	0	1	1	1	1	0	0	1	1	19%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	1	0	0	1	14%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	3	0	4	0	5	1	2	2	2	2	2	7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	16	19	17	18	19	17	21	16	14	18	19	18	18
Average Issued Red Seconds	155.0	236.5	162.7	161.1	169.4	122.4	207.4	138.7	161.3	101.5	349.0	137.0	175	175
Citation / Violation Issuance Rate	33%	24%	90%	40%	57%	33%	36%	29%	17%	0%	0%	22%	38%	38%
Controllable Issuance Rate	100%	79%	100%	67%	100%	50%	80%	67%	33%	0%	0%	50%	73%	73%



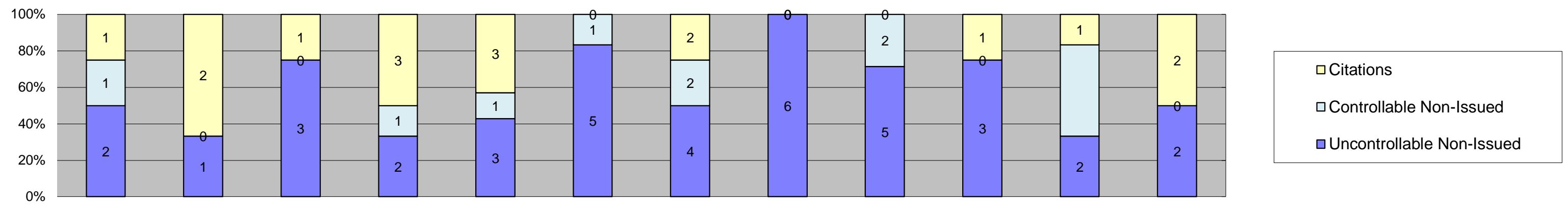
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4057: EB to NB 3rd @ Eastern



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	325	289	351	287	327	310	317	320	260	315	311	288	308	91%
Violations	31	28	29	36	33	35	32	31	24	28	26	45	32	9%
Total:	356	317	380	323	360	345	349	351	284	343	337	333	340	100%
Violations														
Uncontrollable Non-Issued	15	10	14	25	13	15	19	18	14	14	12	17	16	49%
Controllable Non-Issued	4	3	2	2	4	4	3	2	3	9	1	4	3	11%
Citations	12	15	13	9	16	16	10	11	7	5	13	24	13	40%
Total:	31	28	29	36	33	35	32	31	24	28	26	45	32	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	3	4	0	3	5	1	5	7	2	0	5	4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	204	170	220	171	198	183	192	185	138	141	126	131	172	52%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	1	1	1	1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	120	116	127	116	126	122	124	130	113	114	139	119	122	37%
Train Activation	0	0	0	0	0	0	0	0	2	57	45	32	34	10%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	325	289	351	287	327	310	317	320	260	315	311	288	332	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	1	1	0	0	0	2	0	0	1	0	2	2	2	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	0	1	0	1	1	1	0	1	1	0	1	4%
Driver Obstructed	1	3	2	4	2	4	4	3	1	2	2	2	3	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	1	0	0	0	0	1	4%
Glare on Plate	0	0	0	4	2	0	0	4	0	0	1	2	3	10%
Glare on Windshield	1	0	0	2	1	1	4	0	2	1	1	5	2	8%
Illegible Plate	1	1	1	1	0	0	0	0	0	0	0	0	1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	7	4	5	12	6	6	10	5	8	8	5	6	7	26%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	2	0	0	0	1	1	0	0	0	1	0	0	1	5%
Out of State	0	0	1	0	1	0	0	0	2	0	0	0	1	5%
Plate Obstructed	1	0	1	0	0	0	0	0	0	0	0	0	1	4%
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	1	0	0	1	4%
TSB No Hit	0	0	4	1	0	0	0	4	0	0	0	0	3	12%
Total:	15	10	14	25	13	15	19	18	14	14	12	17	26	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	2	1	0	0	3	1	1	1	0	2	1	2	2	15%
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	0	2	1	1	1	1	2	0	0	0	0	0	1	12%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	1	0	0	1	9%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	2	0	1	1	0	2	0	1	0	0	0	1	1	12%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	9%
Reject Expired	0	0	0	0	0	0	0	0	3	6	0	0	5	42%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	3	2	2	4	4	3	2	3	9	1	4	11	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	22	22	22	19	22	22	23	22	21	21	23	20	22	22
Average Issued Red Seconds	54.4	31.5	5.2	68.2	5.7	10.4	70.0	8.2	23.5	11.8	45.8	15.3	29	29
Citation / Violation Issuance Rate	39%	54%	45%	25%	48%	46%	31%	35%	29%	18%	50%	53%	39%	39%
Controllable Issuance Rate	75%	83%	87%	82%	80%	80%	77%	85%	70%	36%	93%	86%	78%	78%



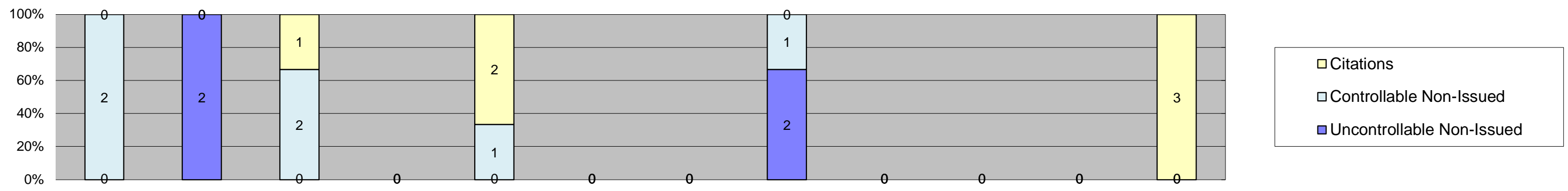
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4059: WB to SB 3rd @ Eastern



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	286	254	304	309	307	294	301	352	354	288	289	260	300	98%
Violations	4	3	4	6	7	6	8	6	7	4	6	4	5	2%
Total:	290	257	308	315	314	300	309	358	361	292	295	264	305	100%
Violations														
Uncontrollable Non-Issued	2	1	3	2	3	5	4	6	5	3	2	2	3	49%
Controllable Non-Issued	1	0	0	1	1	1	2	0	2	0	3	0	2	24%
Citations	1	2	1	3	3	0	2	0	0	1	1	2	2	27%
Total:	4	3	4	6	7	6	8	6	7	4	6	4	7	100%
Non-Violations														
Emergency Vehicle Non-Issuable	17	9	12	30	9	19	14	14	13	10	4	12	14	4%
Emergency Vehicle PD	0	0	2	0	1	1	3	1	0	0	0	1	2	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	149	136	166	161	177	162	161	208	212	60	62	45	142	40%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	120	109	124	118	120	112	123	129	110	107	114	115	117	33%
Train Activation	0	0	0	0	0	0	0	0	19	111	109	87	82	23%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	286	254	304	309	307	294	301	352	354	288	289	260	355	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	0	0	0	0	0	0	0	1	0	0	1	0	1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	1	0	0	0	0	0	1	8%
Driver Obstructed	1	0	1	1	1	2	2	0	0	1	0	0	1	11%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	1	0	0	1	8%
Glare on Plate	0	0	0	0	1	2	1	0	0	0	0	1	1	10%
Glare on Windshield	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	0	0	1	8%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	1	0	0	0	0	0	0	0	0	0	0	0	1	8%
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	0	1	1	1	0	1	0	2	4	1	1	0	2	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	8%
Out of State	0	0	0	0	1	0	0	0	0	0	0	0	1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0	0	0	1	0	0	0	1	1	8%
Total:	2	1	3	2	3	5	4	6	5	3	2	2	12	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	0	0	0	1	1	0	2	0	1	0	2	0	1	41%
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	1	0	1	29%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	0	0	0	0	1	0	0	1	0	0	0	1	29%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	0	1	1	1	2	0	2	0	3	0	3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	21	23	17	18	20	18	18	19	18	16	24	18	19	19
Average Issued Red Seconds	632.3	116.3	653.5	194.9	489.8	374.3	221.7	330.5	38.9	236.4	0.6	141.4	286	286
Citation / Violation Issuance Rate	25%	67%	25%	50%	43%	0%	25%	0%	0%	25%	17%	50%	36%	36%
Controllable Issuance Rate	50%	100%	100%	75%	75%	0%	50%	0%	0%	100%	25%	100%	75%	75%



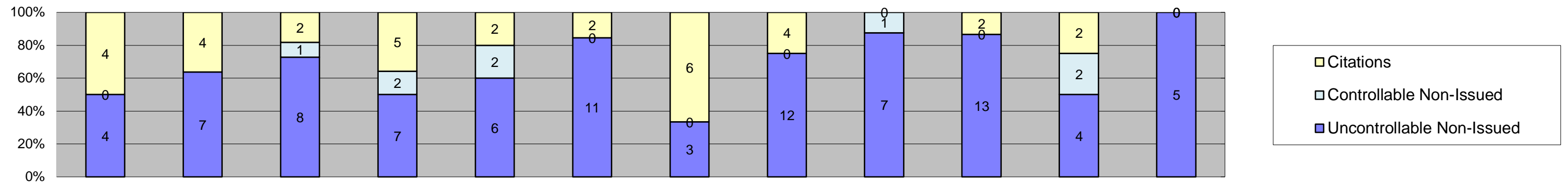
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4069: WB to SB 3rd @ Downey



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	417	312	381	364	99%
Violations	2	2	3	0	3	0	0	3	0	0	0	3	3	1%
Total:	332	317	366	338	508	364	333	357	361	417	312	384	367	100%
Violations														
Uncontrollable Non-Issued	0	2	0	0	0	0	0	2	0	0	0	0	2	36%
Controllable Non-Issued	2	0	2	0	1	0	0	1	0	0	0	0	2	27%
Citations	0	0	1	0	2	0	0	0	0	0	0	3	2	36%
Total:	2	2	3	0	3	0	0	3	0	0	0	3	6	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	3	3	7	5	5	0	1	1	0	1	3	1%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	202	199	232	218	367	234	199	218	232	180	127	173	215	53%
Rear Axle Activation	0	0	1	0	1	0	0	0	0	0	0	1	1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	126	115	126	117	130	125	129	136	124	140	114	122	125	31%
Train Activation	0	0	0	0	0	0	0	0	4	96	71	84	64	16%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	330	315	363	338	505	364	333	354	361	417	312	381	409	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0	0	0	0	1	33%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	0	1	0	0	0	0	0	1	0	0	0	0	1	33%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	0	0	0	0	0	1	0	0	0	0	1	33%
Total:	0	2	0	0	0	0	0	2	0	0	0	0	3	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	1	0	2	0	1	0	0	0	0	0	0	0	1	40%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0	0	0	1	30%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	1	0	0	0	0	0	0	0	0	0	0	0	1	30%
Total:	2	0	2	0	1	0	0	1	0	0	0	0	3	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	0	18	16	0	23	0	22	18	0	0	14	15	18	18
Average Issued Red Seconds	0.0	18.7	9.1	0.0	150.5	0.0	533.1	242.9	0.0	0.0	42.2	33.8	147	147
Citation / Violation Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%	0%	0%	100%	67%	67%
Controllable Issuance Rate	0%	0%	33%	0%	67%	0%	0%	0%	0%	0%	0%	100%	67%	67%



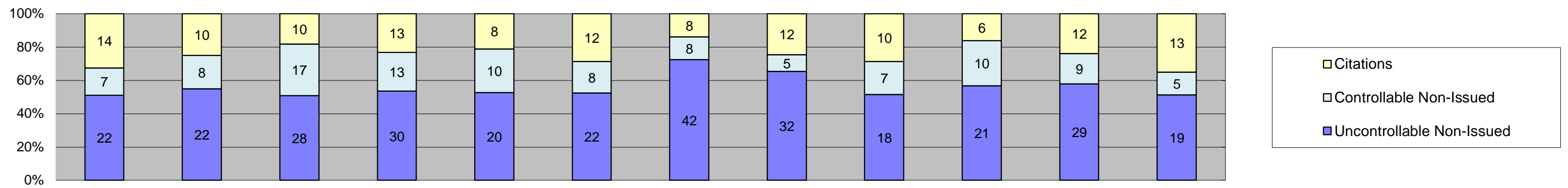
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4077: EB to NB 3rd @ Gage



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	212	232	232	243	248	210	221	237	201	219	206	265	227	96%
Violations	8	11	11	14	10	13	9	16	8	15	8	5	11	4%
Total:	220	243	243	257	258	223	230	253	209	234	214	270	238	100%
Violations														
Uncontrollable Non-Issued	4	7	8	7	6	11	3	12	7	13	4	5	7	60%
Controllable Non-Issued	0	0	1	2	2	0	0	0	1	0	2	0	2	13%
Citations	4	4	2	5	2	2	6	4	0	2	2	0	3	27%
Total:	8	11	11	14	10	13	9	16	8	15	8	5	12	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	1	0	0	1	1	0	1	0	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	1	1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	87	106	97	121	122	91	104	108	74	40	33	45	86	32%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	125	126	135	121	126	119	116	128	121	112	121	131	123	47%
Train Activation	0	0	0	0	0	0	0	0	6	66	52	88	53	20%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	212	232	232	243	248	210	221	237	201	219	206	265	264	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	0	0	0	0	0	1	0	0	0	0	0	0	1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	0	2	0	0	0	0	0	1	0	0	1	7%
Driver Obstructed	0	0	1	1	0	0	0	0	2	0	0	0	1	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1	0	0	1	5%
Glare on Plate	0	4	4	0	2	6	2	1	0	3	0	1	3	15%
Glare on Windshield	0	0	0	0	0	1	0	1	1	0	0	0	1	5%
Illegible Plate	1	0	0	2	0	1	0	0	1	2	1	0	1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	1	0	1	0	0	0	0	0	0	0	1	5%
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	1	2	1	2	3	0	1	3	2	5	2	4	2	13%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	2	1	0	1	0	1	6%
Out of State	0	0	1	0	0	1	0	0	0	0	0	0	1	5%
Plate Obstructed	0	0	0	0	0	0	0	1	0	0	0	0	1	5%
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	0	0	0	0	0	4	0	1	0	0	3	13%
Total:	4	7	8	7	6	11	3	12	7	13	4	5	19	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	0	0	0	0	1	0	0	0	0	0	1	0	1	25%
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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	1	1	1	0	0	0	0	0	1	0	1	25%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	0	0	0	1	25%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0	0	0	1	25%
Total:	0	0	1	2	2	0	0	0	1	0	2	0	4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	18	17	21	18	15	20	16	19	19	20	19	20	19	19
Average Issued Red Seconds	34.5	0.3	0.5	2.8	115.3	159.3	37.5	1.6	29.5	0.5	51.3	42.8	40	40
Citation / Violation Issuance Rate	50%	36%	18%	36%	20%	15%	67%	25%	0%	13%	25%	0%	31%	31%
Controllable Issuance Rate	100%	100%	67%	71%	50%	100%	100%	100%	0%	100%	50%	0%	84%	84%



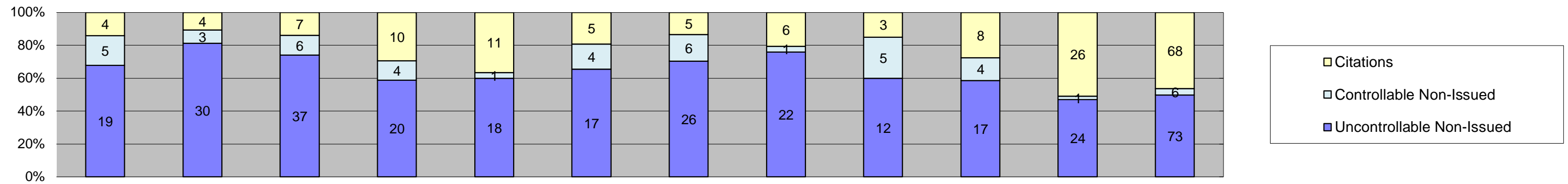
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4079: WB to SB 3rd @ Gage



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	453	397	451	424	433	455	435	452	410	435	421	438	434	91%
Violations	43	40	55	56	38	42	58	49	35	37	50	37	45	9%
Total:	496	437	506	480	471	497	493	501	445	472	471	475	479	100%
Violations														
Uncontrollable Non-Issued	22	22	28	30	20	22	42	32	18	21	29	19	25	56%
Controllable Non-Issued	7	8	17	13	10	8	8	5	7	10	9	5	9	20%
Citations	14	10	10	13	8	12	8	12	10	6	12	13	11	24%
Total:	43	40	55	56	38	42	58	49	35	37	50	37	45	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	7	0	10	2	4	2	2	2	1	2	4	4	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	333	282	331	295	307	320	310	321	280	211	197	172	280	57%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	3	3	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	116	108	120	119	124	130	123	129	117	122	129	122	122	25%
Train Activation	0	0	0	0	0	0	0	0	11	101	93	137	86	17%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	1	0	0	0	0	0	0	1	0%
Total:	453	397	451	424	433	455	435	452	410	435	421	438	495	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	1	1	1	1	0	0	2	0	1	2	2	1	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	6	4	4	3	2	0	2	0	0	2	3	0	3	10%
Driver Obstructed	3	3	3	4	5	3	8	3	5	5	3	5	4	13%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	1	2	3	0	2	7	5	3	1	2	5	1	3	9%
Glare on Windshield	3	3	3	6	3	3	10	1	5	2	2	2	4	11%
Illegible Plate	0	0	0	0	1	0	2	1	0	1	0	0	1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	5	5	5	11	7	6	9	10	5	5	9	3	7	21%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	2	4	3	3	0	3	1	7	1	2	3	2	3	9%
Out of State	1	0	1	0	0	0	2	1	0	0	1	0	1	4%
Plate Obstructed	0	0	1	1	0	0	1	1	0	0	1	3	1	4%
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	4	1	0	0	0	5	0	0	0	2	3	10%
Total:	22	22	28	30	20	22	42	32	18	21	29	19	32	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	4	0	5	3	2	1	0	3	3	5	6	1	3	23%
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	0	2	2	2	1	0	1	0	0	0	1	0	2	11%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	0	3	2	1	1	0	1	0	1	1	1	1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	6	7	6	6	5	7	1	4	1	1	3	4	28%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	3	0	0	3	21%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0	0	0	1	7%
Total:	7	8	17	13	10	8	8	5	7	10	9	5	14	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	16	16	16	16	14	17	17	16	15	15	16	17	16	16
Average Issued Red Seconds	16.0	44.8	50.9	34.2	120.4	22.3	17.5	42.5	14.8	44.6	14.7	29.2	38	38
Citation / Violation Issuance Rate	33%	25%	18%	23%	21%	29%	14%	24%	29%	16%	24%	35%	24%	24%
Controllable Issuance Rate	67%	56%	37%	50%	44%	60%	50%	71%	59%	38%	57%	72%	55%	55%



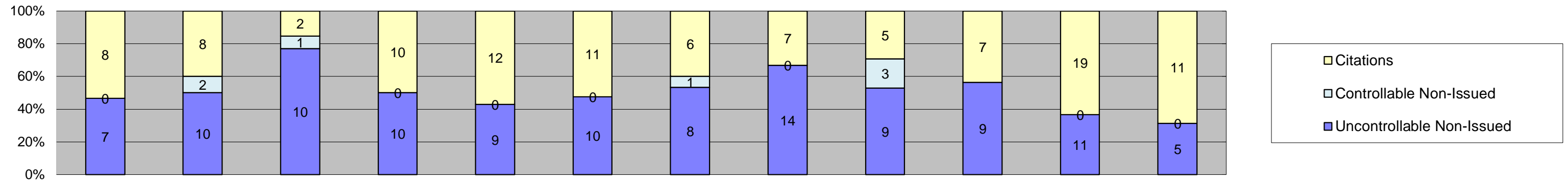
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4083: EB to NB 3rd @ Rowan



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	767	793	947	723	94%
Violations	28	37	50	34	30	26	37	29	20	29	51	147	43	6%
Total:	790	728	770	656	691	726	761	632	705	796	844	1,094	766	100%
Violations														
Uncontrollable Non-Issued	19	30	37	20	18	17	26	22	12	17	24	73	26	61%
Controllable Non-Issued	5	3	6	4	1	4	6	1	5	4	1	6	4	9%
Citations	4	4	7	10	11	5	5	6	3	8	26	68	13	30%
Total:	28	37	50	34	30	26	37	29	20	29	51	147	43	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	4	0	1	1	2	0	1	0	3	0	2	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	626	566	589	501	521	569	597	481	552	476	537	615	553	69%
Rear Axle Activation	0	0	0	0	1	0	0	0	0	0	0	2	2	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	135	121	131	119	138	129	127	121	124	148	124	125	129	16%
Train Activation	0	0	0	0	0	0	0	0	9	140	132	203	121	15%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	1	0	0	0	0	0	0	0	0	1	0%
Total:	762	691	720	622	661	700	724	603	685	767	793	947	806	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	1	0	1	0	0	0	0	0	1	0	0	2	1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	1	0	0	0	0	0	0	1	1	2	1	3%
Driver Obstructed	0	0	0	0	0	0	1	0	1	1	1	9	3	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1	1	0	1	2%
Glare on Plate	6	17	10	8	5	2	5	1	0	4	2	1	6	13%
Glare on Windshield	0	0	0	1	1	0	0	2	1	0	1	2	1	3%
Illegible Plate	9	7	13	6	8	7	12	6	2	2	5	10	7	17%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	2%
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	1	4	5	3	4	7	8	4	5	7	10	23	7	16%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0	0	1	0	1	4	2	4%
Out of State	1	0	1	1	0	1	0	1	1	0	0	0	1	2%
Plate Obstructed	0	2	3	1	0	0	0	1	0	0	1	1	2	3%
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	1	0	0	1	2%
TSB No Hit	0	0	3	0	0	0	0	7	0	0	0	19	10	23%
Total:	19	30	37	20	18	17	26	22	12	17	24	73	43	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	1	0	1	1	0	1	0	0	1	0	0	3	1	15%
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	2	2	1	1	1	1	1	1	0	0	0	0	1	14%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	1	0	0	0	1	0	0	1	11%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	2	1	3	2	0	1	5	0	1	1	0	2	2	22%
Framing of Driver	0	0	0	0	0	0	0	0	1	0	1	1	1	11%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	1	0	0	0	0	0	1	0	0	0	1	11%
Reject Expired	0	0	0	0	0	0	0	0	1	2	0	0	2	17%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	5	3	6	4	1	4	6	1	5	4	1	6	9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	15	17	17	16	15	15	16	17	16	15	15	16	16	16
Average Issued Red Seconds	50.2	0.9	35.5	74.1	75.6	25.9	41.9	131.5	32.0	25.4	48.0	81.0	52	52
Citation / Violation Issuance Rate	14%	11%	14%	29%	37%	19%	14%	21%	15%	28%	51%	46%	25%	25%
Controllable Issuance Rate	44%	57%	54%	71%	92%	56%	45%	86%	38%	67%	96%	92%	66%	66%



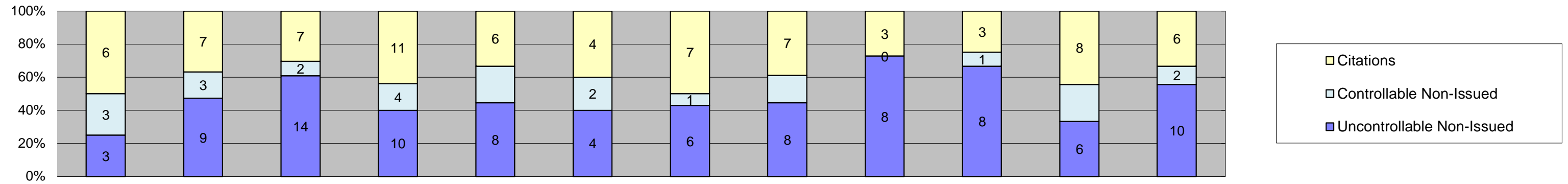
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4085: WB to SB 3rd @ Rowan



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	210	204	216	200	217	250	232	225	191	194	236	206	215	92%
Violations	15	20	13	20	21	21	15	21	17	16	30	16	19	8%
Total:	225	224	229	220	238	271	247	246	208	210	266	222	234	100%
Violations														
Uncontrollable Non-Issued	7	10	10	10	9	10	8	14	9	9	11	5	9	47%
Controllable Non-Issued	0	2	1	0	0	0	1	0	3	0	0	0	2	9%
Citations	8	8	2	10	12	11	6	7	5	7	19	11	9	44%
Total:	15	20	13	20	21	21	15	21	17	16	30	16	20	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	1	1	2	6	2	10	4	3	0	1	2	3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	89	93	90	84	89	125	104	100	71	36	41	34	80	33%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	2	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	117	110	125	114	122	123	118	121	115	114	127	115	118	48%
Train Activation	0	0	0	0	0	0	0	0	2	44	67	53	42	17%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	210	204	216	200	217	250	232	225	191	194	236	206	245	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	0	0	0	0	0	0	1	0	1	0	1	1	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	3	0	0	1	1	0	0	0	1	0	0	2	7%
Driver Obstructed	2	1	0	1	0	0	2	0	0	0	1	0	1	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	0	1	0	1	4%
Glare on Plate	2	4	0	1	2	2	0	2	0	0	0	0	2	10%
Glare on Windshield	0	0	0	0	0	0	0	1	0	0	0	1	1	4%
Illegible Plate	0	1	4	2	2	2	1	1	3	0	2	0	2	9%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	4%
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	3	1	4	3	3	5	3	0	4	5	5	2	3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	1	0	1	1	0	1	4%
Out of State	0	0	0	2	0	0	0	5	0	0	0	0	4	15%
Plate Obstructed	0	0	0	0	0	0	1	0	0	1	0	0	1	4%
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	1	0	0	1	4%
TSB No Hit	0	0	2	1	0	0	0	3	0	0	0	1	2	8%
Total:	7	10	10	10	9	10	8	14	9	9	11	5	23	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	0	0	1	0	0	0	1	0	0	0	0	0	1	22%
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	0	0	0	0	0	0	0	0	1	0	0	0	1	22%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	2	0	0	0	0	0	0	1	0	0	0	2	33%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	0	0	0	1	22%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	2	1	0	0	0	1	0	3	0	0	0	5	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	0
Average Issued Speed	16	15	14	14	15	15	14	15	14	14	15	15	15	15
Average Issued Red Seconds	25.4	28.1	53.0	30.2	13.8	40.5	23.5	16.1	28.7	18.6	14.7	16.2	26	26
Citation / Violation Issuance Rate	53%	40%	15%	50%	57%	52%	40%	33%	29%	44%	63%	69%	46%	46%
Controllable Issuance Rate	100%	80%	67%	100%	100%	100%	86%	100%	63%	100%	100%	100%	91%	91%



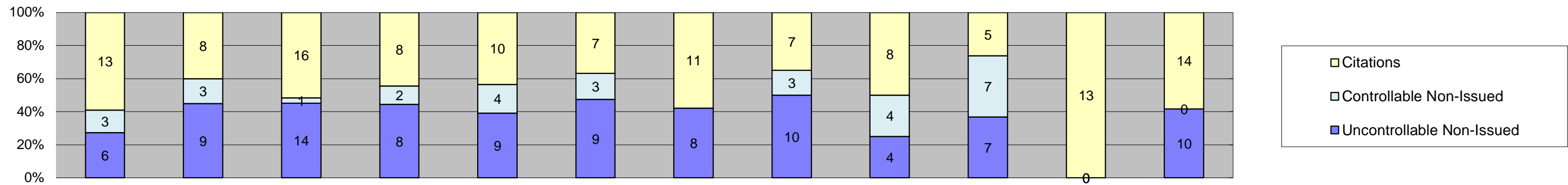
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4087: EB to NB 1st @ Lorena



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	490	459	499	502	481	483	470	535	446	497	476	484	485	97%
Violations	12	19	23	25	18	10	14	18	11	12	18	18	17	3%
Total:	502	478	522	527	499	493	484	553	457	509	494	502	502	100%
Violations														
Uncontrollable Non-Issued	3	9	14	10	8	4	6	8	8	8	6	10	8	47%
Controllable Non-Issued	3	3	2	4	4	2	1	3	0	1	4	2	3	16%
Citations	6	7	7	11	6	4	7	7	3	3	8	6	6	37%
Total:	12	19	23	25	18	10	14	18	11	12	18	18	17	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	4	0	2	0	1	2	0	0	0	1	0	2	0%
Emergency Vehicle PD	0	0	0	1	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	352	346	361	375	350	356	345	406	311	222	204	208	320	56%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	136	109	138	124	130	126	123	129	126	114	117	121	124	22%
Train Activation	0	0	0	0	0	0	0	0	9	161	154	155	120	21%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	1	0	0	0	0	0	0	0	1	0%
Total:	490	459	499	502	481	483	470	535	446	497	476	484	568	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	0	1	0	0	0	0	0	0	0	0	0	0	1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	2	0	1	0	0	0	1	0	0	0	1	6%
Driver Obstructed	1	1	0	1	0	0	0	1	0	0	0	0	1	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	1	1	1	1	1	1	1	1	0	2	1	3	1	7%
Glare on Windshield	0	2	0	1	1	0	0	0	3	5	0	1	2	12%
Illegible Plate	0	0	0	1	0	0	0	0	0	0	0	0	1	5%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	1	0	1	0	1	0	0	0	1	5%
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	0	2	5	4	3	2	3	1	3	0	3	2	3	15%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	3	1	1	1	0	0	0	0	2	2	2	9%
Out of State	0	0	0	0	0	0	1	1	0	0	0	0	1	5%
Plate Obstructed	0	1	2	0	0	0	0	0	0	0	0	0	2	8%
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	1	0	0	1	5%
TSB No Hit	0	0	1	1	0	0	0	4	0	0	0	2	2	11%
Total:	3	9	14	10	8	4	6	8	8	8	6	10	19	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	0	2	1	0	1	0	0	1	0	0	3	1	2	23%
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	1	1	1	1	1	0	1	2	0	0	0	1	1	18%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	2	0	0	2	2	2	0	0	0	0	1	0	2	28%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1	0	0	1	16%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0	0	0	1	16%
Total:	3	3	2	4	4	2	1	3	0	1	4	2	6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	23	20	18	20	19	21	19	19	19	18	20	20	20	20
Average Issued Red Seconds	146.6	15.6	101.5	5.9	49.8	14.9	57.3	32.6	25.7	63.3	0.4	60.1	48	48
Citation / Violation Issuance Rate	50%	37%	30%	44%	33%	40%	50%	39%	27%	25%	44%	33%	38%	38%
Controllable Issuance Rate	67%	70%	78%	73%	60%	67%	88%	70%	100%	75%	67%	75%	74%	74%



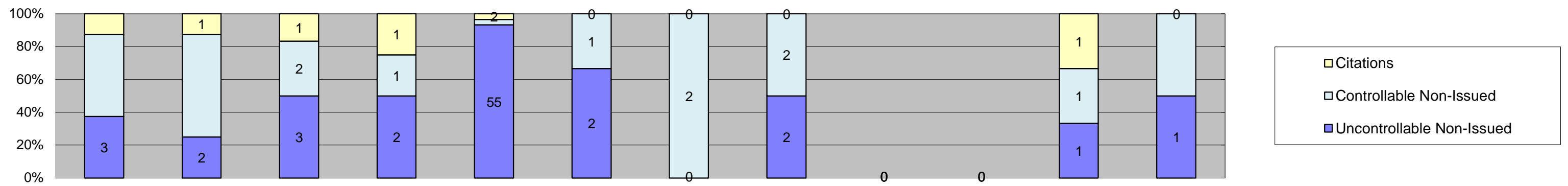
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4089: WB to SB 1st @ Lorena



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	258	249	279	243	238	262	265	266	214	248	216	220	247	92%
Violations	22	20	31	18	23	19	19	20	16	19	13	24	20	8%
Total:	280	269	310	261	261	281	284	286	230	267	229	244	267	100%
Violations														
Uncontrollable Non-Issued	6	9	14	8	9	9	8	10	4	7	0	10	9	39%
Controllable Non-Issued	3	3	1	2	4	3	0	3	4	7	0	0	3	15%
Citations	13	8	16	8	10	7	11	7	8	5	13	14	10	46%
Total:	22	20	31	18	23	19	19	20	16	19	13	24	22	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	1	1	0	0	1	0	0	1	0	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	122	121	132	115	98	116	101	114	84	51	48	45	96	35%
Rear Axle Activation	0	0	0	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	0	0	0%
Test Shot	136	126	146	127	140	146	163	151	126	125	132	128	137	50%
Train Activation	0	0	0	0	0	0	0	0	4	71	36	47	40	14%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	258	249	279	243	238	262	265	266	214	248	216	220	274	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	1	0	0	1	0	0	1	0	0	0	0	0	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	0	1	0	0	1	0	0	0	0	0	1	4%
Driver Obstructed	2	1	2	0	1	1	0	1	0	0	0	0	1	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	1	0	2	1	0	2	0	0	0	0	1	1	6%
Glare on Windshield	0	1	1	0	2	1	1	1	0	0	0	0	1	5%
Illegible Plate	0	0	0	0	0	0	2	1	0	0	0	2	2	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	1	0	0	0	0	0	0	1	4%
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	1	0	3	1	4	5	1	4	4	3	0	0	3	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	3	0	2	1	0	0	0	0	0	0	1	2	7%
Out of State	0	1	1	1	0	0	0	0	0	0	0	1	1	4%
Plate Obstructed	0	1	1	0	0	1	0	0	0	0	0	0	1	4%
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	4	0	0	4	17%
TSB No Hit	0	0	6	0	0	0	0	3	0	0	0	5	5	20%
Total:	6	9	14	8	9	9	8	10	4	7	0	10	24	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	1	0	1	0	1	0	0	2	3	0	0	0	2	16%
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	0	0	0	0	1	1	0	0	0	0	0	0	1	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	1	0	1	0	0	0	0	1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	2	0	2	2	1	0	0	0	2	0	0	2	16%
Framing of Driver	1	0	0	0	0	0	0	0	0	0	0	0	1	10%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	5	0	0	3	29%
Speed Not Determined	0	1	0	0	0	0	0	0	0	0	0	0	1	10%
Total:	3	3	1	2	4	3	0	3	4	7	0	0	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	18	18	19	20	19	20	18	20	18	18	19	20	19	19
Average Issued Red Seconds	52.0	44.5	92.7	0.5	16.8	87.7	4.5	17.5	21.0	61.3	74.4	18.6	41	41
Citation / Violation Issuance Rate	59%	40%	52%	44%	43%	37%	58%	35%	50%	26%	100%	58%	50%	50%
Controllable Issuance Rate	81%	73%	94%	80%	71%	70%	100%	70%	67%	42%	100%	100%	79%	79%



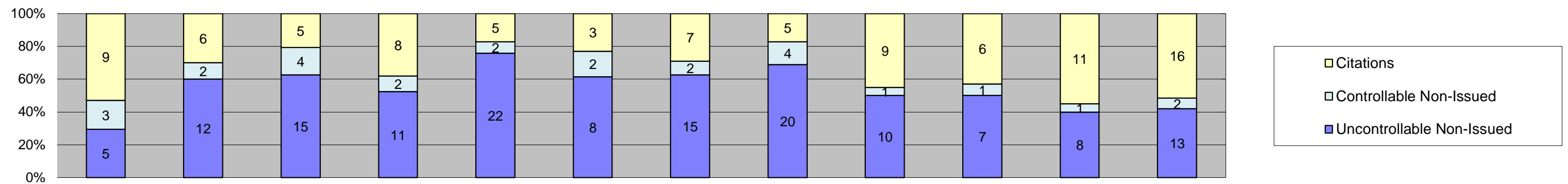
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4097: EB to NB 1st @Clarence



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	1,540	1,764	1,597	1,341	1,459	1,481	1,483	1,588	1,646	1,783	1,553	1,501	1,561	99%
Violations	8	8	6	4	59	3	2	4	0	0	3	2	10	1%
Total:	1,548	1,772	1,603	1,345	1,518	1,484	1,485	1,592	1,646	1,783	1,556	1,503	1,571	100%
Violations														
Uncontrollable Non-Issued	3	2	3	2	55	2	0	2	0	0	1	1	8	71%
Controllable Non-Issued	4	5	2	1	2	1	2	2	0	0	1	1	2	19%
Citations	1	1	1	1	2	0	0	0	0	0	1	0	1	10%
Total:	8	8	6	4	59	3	2	4	0	0	3	2	11	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	1,450	1,674	1,490	1,255	1,369	1,390	1,393	1,503	1,451	830	631	599	1,253	62%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	90	89	107	86	90	91	90	85	70	76	75	72	85	4%
Train Activation	0	0	0	0	0	0	0	0	125	877	847	830	670	33%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1,540	1,764	1,597	1,341	1,459	1,481	1,483	1,588	1,646	1,783	1,553	1,501	2,009	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	0	0	0	0	54	0	0	0	0	0	0	0	54	91%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	1	0	0	0	0	1	0	0	0	0	1	2%
Driver Obstructed	0	1	0	0	0	0	0	1	0	0	1	1	1	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	1	0	1	0	0	0	0	0	0	0	1	2%
Glare on Windshield	1	0	1	1	0	0	0	0	0	0	0	0	1	2%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	1	0	0	1	0	2	0	0	0	0	0	0	1	2%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3	2	3	2	55	2	0	2	0	0	1	1	59	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	0	1	0	0	1	0	0	1	0	0	0	0	1	25%
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	4	4	2	1	1	1	2	1	0	0	0	0	2	50%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	1	1	1	25%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	5	2	1	2	1	2	2	0	0	1	1	4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	16	15	16	16	15	16	14	16	17	0	17	16	16
Average Issued Red Seconds	426.7	85.6	733.5	596.8	430.8	71.4	0.0	878.6	1023.9	230.3	0.0	1023.9	550	550
Citation / Violation Issuance Rate	13%	13%	17%	25%	3%	0%	0%	0%	0%	0%	33%	0%	17%	17%
Controllable Issuance Rate	20%	17%	33%	50%	50%	0%	0%	0%	0%	0%	50%	0%	37%	37%



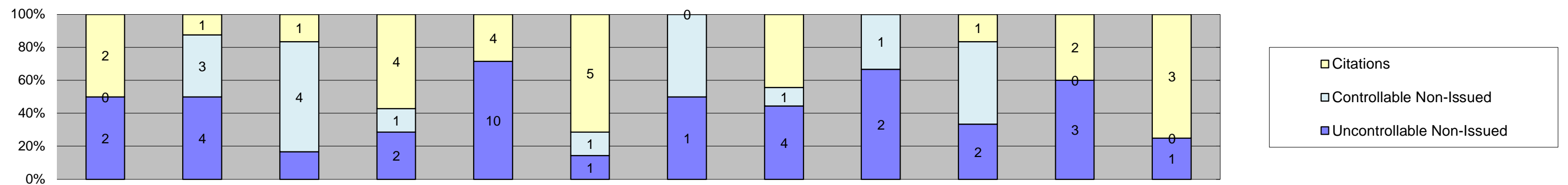
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4099: WB to SB 1st @ Clarence



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	1,165	1,081	1,180	1,140	1,183	1,178	1,064	1,102	1,097	1,241	1,064	1,159	1,138	98%
Violations	17	20	24	21	29	13	24	29	20	14	20	31	22	2%
Total:	1,182	1,101	1,204	1,161	1,212	1,191	1,088	1,131	1,117	1,255	1,084	1,190	1,160	100%
Violations														
Uncontrollable Non-Issued	5	12	15	11	22	8	15	20	10	7	8	13	12	56%
Controllable Non-Issued	3	2	4	2	2	2	2	4	1	1	1	2	2	10%
Citations	9	6	5	8	5	3	7	5	9	6	11	16	8	34%
Total:	17	20	24	21	29	13	24	29	20	14	20	31	22	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	3	4	0	1	3	1	0	1	2	2	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	1,073	997	1,081	1,056	1,090	1,093	974	1,007	989	887	739	821	984	77%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	2	2	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	91	83	96	80	93	84	87	94	73	74	79	79	84	7%
Train Activation	0	0	0	0	0	0	0	0	35	279	244	255	203	16%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1,165	1,081	1,180	1,140	1,183	1,178	1,064	1,102	1,097	1,241	1,064	1,159	1,275	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	0	2	0	0	5	0	0	0	0	0	0	0	4	13%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	2	0	0	0	1	1	0	1	0	1	1	1	4%
Driver Obstructed	0	0	2	0	1	0	3	2	1	0	0	2	2	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	2	0	0	2	7%
Glare on Plate	2	1	2	1	4	1	4	1	2	0	0	1	2	7%
Glare on Windshield	0	1	1	1	0	1	2	2	0	1	0	0	1	5%
Illegible Plate	0	0	2	1	2	0	1	1	1	1	0	0	1	5%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	1	0	0	0	0	0	0	0	0	0	1	4%
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	2	3	4	5	6	5	4	9	4	1	6	5	5	17%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	1	3	0	0	1	1	0	1	2	1	5%
Out of State	0	2	0	0	0	0	0	1	0	0	0	0	2	6%
Plate Obstructed	1	1	0	2	1	0	0	0	0	0	0	0	1	5%
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	2	0	0	2	7%
TSB No Hit	0	0	2	0	0	0	0	3	0	0	0	2	2	9%
Total:	5	12	15	11	22	8	15	20	10	7	8	13	27	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	2	1	2	1	1	2	1	2	0	0	1	1	1	21%
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	1	1	2	0	1	0	1	0	0	0	0	0	1	18%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	0	0	0	0	2	30%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	1	0	0	0	0	0	0	0	1	1	15%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	1	1	0	0	1	15%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3	2	4	2	2	2	2	4	1	1	1	2	7	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	17	20	18	17	17	18	19	18	19	17	18	18	18
Average Issued Red Seconds	167.0	236.6	71.4	39.9	12.8	21.2	142.9	43.0	121.3	93.8	128.3	134.9	101	101
Citation / Violation Issuance Rate	53%	30%	21%	38%	17%	23%	29%	17%	45%	43%	55%	52%	35%	35%
Controllable Issuance Rate	75%	75%	56%	80%	71%	60%	78%	56%	90%	86%	92%	89%	76%	76%



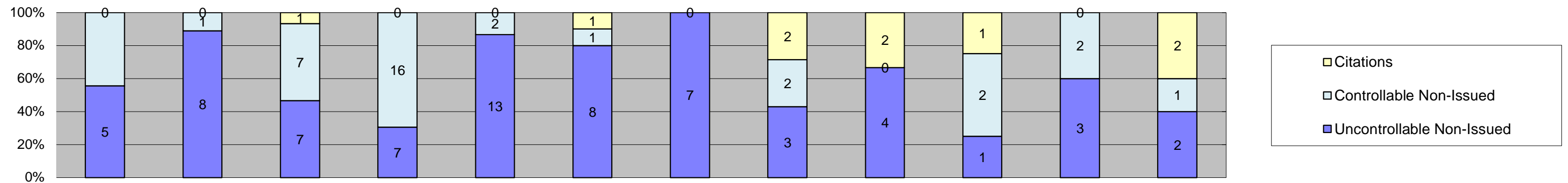
Los Angeles County MTA Gold Line
Approach Summary Report
Location 4109: WB to SB 1st @ Utah



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399	1,532	1,532	1,549	1,539	100%
Violations	4	8	6	7	14	7	2	9	3	6	5	4	6	0%
Total:	1,366	1,321	2,348	1,420	1,513	1,499	1,364	1,681	1,402	1,538	1,537	1,553	1,545	100%
Violations														
Uncontrollable Non-Issued	2	4	1	2	10	1	1	4	2	2	3	1	3	38%
Controllable Non-Issued	0	3	4	1	0	1	1	1	1	3	0	0	2	26%
Citations	2	1	1	4	4	5	0	4	0	1	2	3	3	37%
Total:	4	8	6	7	14	7	2	9	3	6	5	4	7	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	2	0	0	0	1	0	0	0	0	1	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	1,273	1,231	2,245	1,325	1,413	1,406	1,278	1,585	1,223	535	517	586	1,218	60%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	89	80	95	88	86	86	83	87	67	67	70	65	80	4%
Train Activation	0	0	0	0	0	0	0	0	109	930	945	897	720	36%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1,362	1,313	2,342	1,413	1,499	1,492	1,362	1,672	1,399	1,532	1,532	1,549	2,020	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	0	0	0	0	9	0	0	1	0	0	0	0	5	38%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Obstructed	1	1	0	0	0	0	0	0	1	0	2	0	1	9%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	1	0	1	1	0	1	1	1	1	0	0	1	8%
Glare on Windshield	0	1	0	0	0	0	0	0	0	0	0	0	1	8%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	1	1	1	0	0	1	0	0	0	0	1	1	1	8%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0	0	0	0	0	0	1	8%
Out of State	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
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	1	0	0	1	8%
TSB No Hit	0	0	0	0	0	0	0	2	0	0	0	0	2	15%
Total:	2	4	1	2	10	1	1	4	2	2	3	1	13	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	3	4	0	0	1	0	0	0	0	0	0	3	31%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0	0	0	1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	1	0	0	0	0	1	0	0	0	1	12%
Framing of Driver	0	0	0	0	0	0	1	0	0	0	0	0	1	12%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	3	0	0	3	35%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	3	4	1	0	1	1	1	1	3	0	0	9	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	17	17	18	16	18	17	15	16	15	17	17	15	17	17
Average Issued Red Seconds	140.0	9.7	49.5	132.7	548.6	92.6	160.3	555.8	78.2	593.8	166.7	71.4	217	217
Citation / Violation Issuance Rate	50%	13%	17%	57%	29%	71%	0%	44%	0%	17%	40%	75%	41%	41%
Controllable Issuance Rate	100%	25%	20%	80%	100%	83%	0%	80%	0%	25%	100%	100%	71%	71%



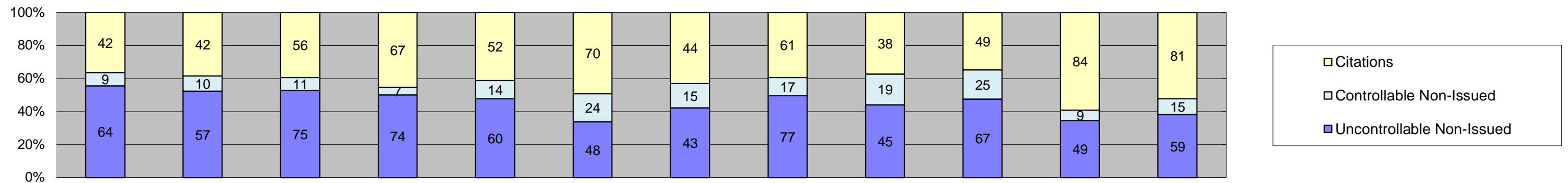
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4119: WB to SB 1st @ Anderson



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	1,352	1,144	1,425	2,793	1,186	1,387	1,358	1,438	1,289	1,481	1,272	1,109	1,436	99%
Violations	9	9	15	23	15	10	7	7	6	4	5	5	10	1%
Total:	1,361	1,153	1,440	2,816	1,201	1,397	1,365	1,445	1,295	1,485	1,277	1,114	1,446	100%
Violations														
Uncontrollable Non-Issued	5	8	7	7	13	8	7	3	4	1	3	2	6	52%
Controllable Non-Issued	4	1	7	16	2	1	0	2	0	2	2	1	4	35%
Citations	0	0	1	0	0	1	0	2	2	1	0	2	2	14%
Total:	9	9	15	23	15	10	7	7	6	4	5	5	11	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	1	0	1	1	0	0	0	5	0	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	1,264	1,057	1,331	2,698	1,095	1,299	1,272	1,350	1,150	706	624	435	1,190	68%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	88	87	94	94	91	87	85	88	70	75	67	69	83	5%
Train Activation	0	0	0	0	0	0	0	0	69	700	576	605	488	28%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1,352	1,144	1,425	2,793	1,186	1,387	1,358	1,438	1,289	1,481	1,272	1,109	1,763	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	0	1	0	1	1	1	0	0	0	0	0	0	1	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	1	0	1	0	2	0	0	0	0	0	1	10%
Driver Obstructed	1	2	0	1	1	1	1	1	0	0	0	0	1	9%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	1	0	0	2	1	0	0	1	0	0	0	0	1	10%
Illegible Plate	2	1	2	1	2	3	2	0	1	0	0	0	2	13%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0	0	0	0	1	8%
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	1	4	3	1	7	3	2	1	3	0	2	1	3	20%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	0	1	0	0	0	0	0	0	0	0	0	1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1	1	0	1	8%
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	0	0	0	0	0	0	0	0	0	1	1	8%
Total:	5	8	7	7	13	8	7	3	4	1	3	2	13	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	3	0	3	1	2	0	0	2	0	2	2	1	2	31%
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	1	1	4	15	0	1	0	0	0	0	0	0	4	69%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	1	7	16	2	1	0	2	0	2	2	1	6	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	0
Average Issued Speed	0	0	21	15	17	16	18	17	19	19	0	15	17	17
Average Issued Red Seconds	0.0	0.0	581.6	137.7	302.9	189.5	849.0	311.3	507.0	356.6	0.0	574.0	423	423
Citation / Violation Issuance Rate	0%	0%	7%	0%	0%	10%	0%	29%	33%	25%	0%	40%	24%	24%
Controllable Issuance Rate	0%	0%	13%	0%	0%	50%	0%	50%	100%	33%	0%	67%	52%	52%



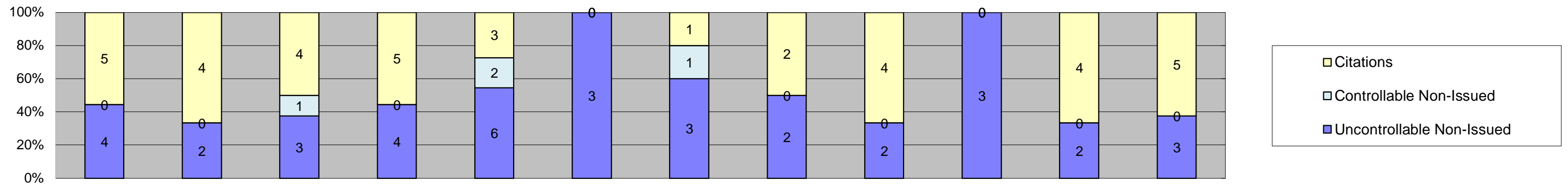
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4127: EB to NB 1st @ Mission



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	772	739	787	629	713	754	723	806	806	896	837	1,456	827	86%
Violations	115	109	142	148	126	142	102	155	102	141	142	155	132	14%
Total:	887	848	929	777	839	896	825	961	908	1,037	979	1,611	958	100%
Violations														
Uncontrollable Non-Issued	64	57	75	74	60	48	43	77	45	67	49	59	60	45%
Controllable Non-Issued	9	10	11	7	14	24	15	17	19	25	9	15	15	11%
Citations	42	42	56	67	52	70	44	61	38	49	84	81	57	43%
Total:	115	109	142	148	126	142	102	155	102	141	142	155	132	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	3	1	0	0	4	4	2	1	1	2	4	2	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	675	650	688	539	615	655	631	706	697	612	552	1,115	678	73%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	95	86	98	90	97	94	88	98	90	95	95	103	94	10%
Train Activation	0	0	0	0	0	0	0	0	18	188	188	234	157	17%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	1	1	0	0	0	0	0	0	1	0%
Total:	772	739	787	629	713	754	723	806	806	896	837	1,456	932	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	3	2	0	1	3	3	2	1	1	3	0	1	2	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	6	3	0	1	2	0	1	3	2	2	2	3%
Driver Obstructed	3	2	1	6	2	6	6	4	2	2	7	4	4	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1	1	0	1	1%
Glare on Plate	30	28	23	22	18	7	11	12	14	22	5	7	17	20%
Glare on Windshield	0	1	3	2	0	3	1	1	2	1	2	2	2	2%
Illegible Plate	0	0	2	0	1	1	3	5	4	1	1	4	2	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	1	0	0	0	1	0	0	1	0	0	1	1	1	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	20	21	26	25	24	25	16	24	16	20	24	23	22	27%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	1	4	6	1	0	1	0	0	1	1	2	2%
Out of State	1	1	4	4	4	1	2	5	3	4	3	0	3	4%
Plate Obstructed	4	1	2	4	1	0	0	1	2	0	2	1	2	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	10	0	0	10	12%
TSB No Hit	0	0	7	3	0	0	0	22	0	0	0	13	11	14%
Total:	64	57	75	74	60	48	43	77	45	67	49	59	81	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	1	3	2	2	5	11	0	4	0	1	3	1	3	10%
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	7	7	9	3	8	11	6	6	1	2	0	7	6	18%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	3	1	2	2	3	5	3	8%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	2	1	1	4	0	9	1	3	1	3	8%
Framing of Driver	0	0	0	0	0	1	2	0	3	3	0	1	2	6%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	6	0	0	0	0	6	18%
Reject Expired	0	0	0	0	0	0	0	0	4	16	0	0	10	30%
Speed Not Determined	1	0	0	0	0	0	0	0	0	0	0	0	1	3%
Total:	9	10	11	7	14	24	15	17	19	25	9	15	34	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	20	20	20	20	20	20	20	20	20	20	19	20	20	20
Average Issued Red Seconds	62.4	5.4	27.0	27.5	9.8	26.3	14.7	11.2	17.9	8.1	37.4	30.5	23	23
Citation / Violation Issuance Rate	37%	39%	39%	45%	41%	49%	43%	39%	37%	35%	59%	52%	43%	43%
Controllable Issuance Rate	82%	81%	84%	91%	79%	74%	75%	78%	67%	66%	90%	84%	79%	79%



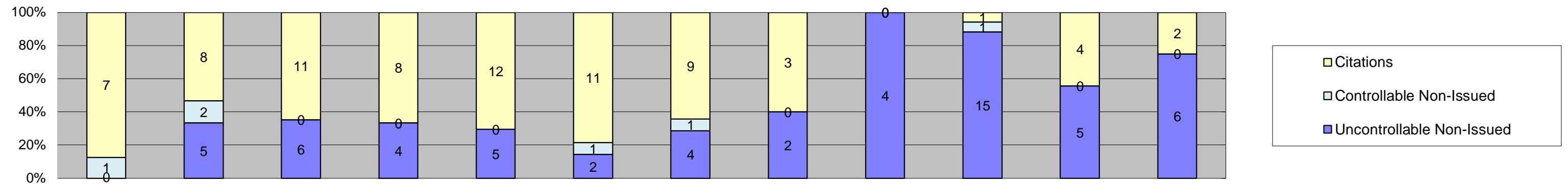
Los Angeles County MTA Gold Line
 Approach Summary Report
 Location 4129: WB to SB 1st @ Mission



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	761	663	616	772	99%
Violations	9	6	8	9	11	3	5	4	6	3	6	8	7	1%
Total:	641	731	890	990	788	876	785	874	714	764	669	624	779	100%
Violations														
Uncontrollable Non-Issued	4	2	3	4	6	3	3	2	2	3	2	3	3	38%
Controllable Non-Issued	0	0	1	0	2	0	1	0	0	0	0	0	1	16%
Citations	5	4	4	5	3	0	1	2	4	0	4	5	4	46%
Total:	9	6	8	9	11	3	5	4	6	3	6	8	8	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	2	0	2	1	0	1	0	0	1	0	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	545	646	787	893	688	780	689	781	621	637	544	509	677	85%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	87	77	95	86	88	93	90	89	83	73	69	72	84	10%
Train Activation	0	0	0	0	0	0	0	0	4	50	50	35	35	4%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	632	725	882	981	777	873	780	870	708	761	663	616	796	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	0	0	0	0	2	1	1	0	0	0	0	0	1	11%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	0	1	0	0	0	0	0	0	0	0	0	2	13%
Driver Obstructed	0	0	0	1	0	0	0	0	0	0	0	0	1	8%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	1	1	1	0	0	0	0	0	1	8%
Glare on Windshield	0	0	1	2	2	0	1	0	0	0	0	0	2	13%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	1	2	0	1	1	0	0	1	1	2	2	3	2	13%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	0	0	0	1	0	0	0	0	0	0	1	8%
Out of State	0	0	0	0	0	0	0	0	1	0	0	0	1	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	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	1	0	0	1	8%
TSB No Hit	0	0	1	0	0	0	0	1	0	0	0	0	1	8%
Total:	4	2	3	4	6	3	3	2	2	3	2	3	12	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	0	0	1	0	0	0	0	0	0	0	0	0	1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	2	0	0	0	0	0	0	0	2	50%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0	0	0	0	1	25%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	1	0	2	0	1	0	0	0	0	0	4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	19	20	23	18	18	23	15	15	21	18	20	19	
Average Issued Red Seconds	365.6	462.0	478.7	120.4	512.1	1023.9	38.1	240.6	319.5	317.1	98.5	714.1	391	
Citation / Violation Issuance Rate	56%	67%	50%	56%	27%	0%	20%	50%	67%	0%	67%	63%	52%	
Controllable Issuance Rate	100%	100%	80%	100%	60%	0%	50%	100%	100%	0%	100%	100%	89%	



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



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	122	102	123	70	95	83	80	106	91	103	795	1,644	285	96%
Violations	8	15	17	12	17	14	14	5	4	17	9	8	12	4%
Total:	130	117	140	82	112	97	94	111	95	120	804	1,652	296	100%
Violations														
Uncontrollable Non-Issued	0	5	6	4	5	2	4	2	4	15	5	6	5	39%
Controllable Non-Issued	1	2	0	0	0	1	1	0	0	1	0	0	1	9%
Citations	7	8	11	8	12	11	9	3	0	1	4	2	7	52%
Total:	8	15	17	12	17	14	14	5	4	17	9	8	13	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	0	0	5	4	3	11	0	0	2	4	0	5	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	96	81	103	47	74	61	51	83	76	83	771	1,624	263	91%
Rear Axle Activation	1	0	0	0	0	0	0	0	0	0	0	3	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	20	21	20	18	17	19	18	23	15	18	20	17	19	7%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	122	102	123	70	95	83	80	106	91	103	795	1,644	288	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	0	0	0	0	0	1	0	0	1	3	0	0	2	9%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0	0	0	0	1	6%
Driver Obstructed	0	1	0	1	0	0	0	0	0	0	0	0	1	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1	0	0	1	6%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	6%
Glare on Windshield	0	0	1	2	1	0	0	0	0	0	0	0	1	7%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	1	0	1	6%
Interest of Justice- PD	0	2	0	0	0	0	0	0	0	0	0	0	2	11%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	1	3	0	4	1	3	0	3	9	4	0	4	19%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	0	0	1	0	0	0	0	0	1	0	0	1	6%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1	0	1	1	6%
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	2	0	0	0	0	2	0	0	0	4	3	15%
Total:	0	5	6	4	5	2	4	2	4	15	5	6	18	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	1	2	0	0	0	1	1	0	0	0	0	0	1	56%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	1	0	0	1	44%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	2	0	0	0	1	1	0	0	1	0	0	2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	26	30	24	25	25	30	20	23	19	24	22	24	
Average Issued Red Seconds	0.8	31.1	96.9	44.3	1.9	81.2	29.6	0.5	0.4	36.8	218.6	21.0	47	
Citation / Violation Issuance Rate	88%	53%	65%	67%	71%	79%	64%	60%	0%	6%	44%	25%	56%	
Controllable Issuance Rate	88%	80%	100%	100%	100%	92%	90%	100%	0%	50%	100%	100%	91%	



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

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
EB to NB	3rd & Civic Center	4007	Left	31	1,417	17	5	0.16
WB to SB	3rd & La Verne	4009	Left	31	598	32	14	0.45
EB to NB	3rd & Mednik	4017	Left	31	395	13	4	0.13
WB to SB	3rd & Mednik	4019	Left	31	395	4	4	0.13
EB to NB	3rd & Arizona	4027	Left	31	352	2	1	0.03
WB to SB	3rd & Arizona	4029	Left	31	247	3	3	0.10
EB to NB	3rd and McDonnell	4037	Left	31	505	25	7	0.23
WB to SB	3rd and McDonnell	4039	Left	31	386	8	4	0.13
EB to NB	3rd & Ford	4047	Left	31	820	15	3	0.10
WB to SB	3rd & Ford	4049	Left	31	314	9	2	0.06
EB to NB	3rd & Eastern	4057	Left	31	333	45	24	0.77
WB to SB	3rd & Eastern	4059	Left	31	264	4	2	0.06
WB to SB	3rd & Downey	4069	Left	31	384	3	3	0.10
EB to NB	3rd & Gage	4077	Left	31	270	5	0	0.00
WB to SB	3rd & Gage	4079	Left	31	475	37	13	0.42
EB to NB	3rd & Rowan	4083	Left	31	1,094	147	68	2.19
WB to SB	3rd & Rowan	4085	Left	31	222	16	11	0.35
EB to NB	1st & Lorena	4087	Left	31	502	18	6	0.19
WB to SB	1st & Lorena	4089	Left	31	244	24	14	0.45
EB to NB	1st & Clarence	4097	Left	31	1,503	2	0	0.00
WB to SB	1st & Clarence	4099	Left	31	1,190	31	16	0.52
WB to SB	1st & Utah	4109	Left	31	1,553	4	3	0.10
WB to SB	1st & Anderson	4119	Left	31	1,114	5	2	0.06
EB to NB	1st & Mission	4127	Left	31	1,611	155	81	2.61
WB to SB	1st & Mission	4129	Left	31	624	8	5	0.16
SB to EB	Alameda @ Temple	4137	Left	31	1,652	8	2	0.06
Totals				31	18,464	640	297	9.58

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