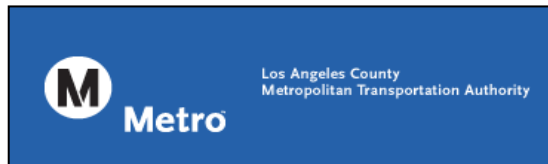




Orange Line Monthly Report



January - November 2018



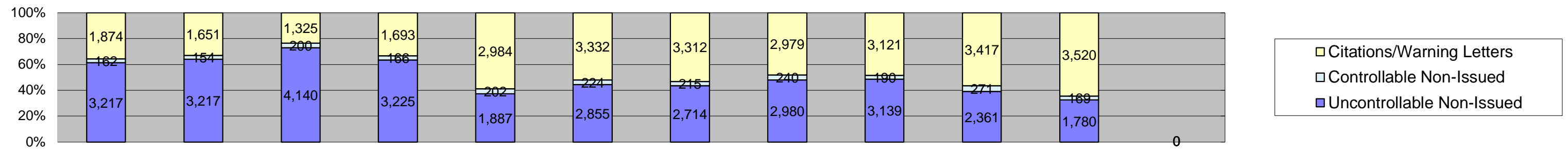


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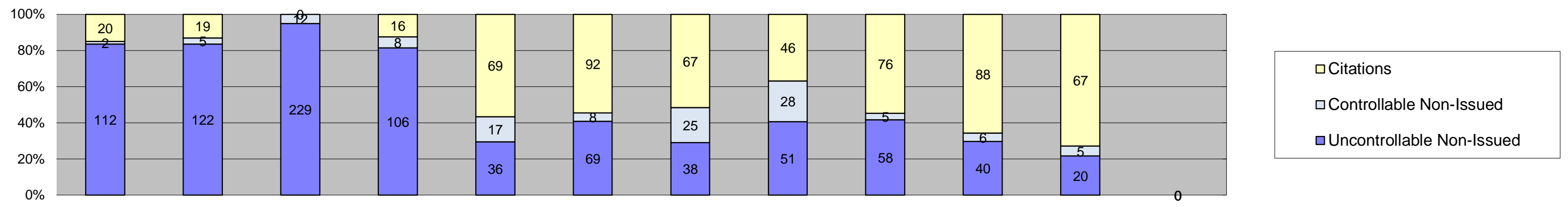
Los Angeles County MTA Orange Line
Approach Summary Report
All Locations



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	9,116	8,024	9,328	9,458	9,086	9,190	9,232	9,783	9,640	10,326	9,158		9,304	62%
Violations	5,253	5,022	5,665	5,052	5,073	6,411	6,241	6,199	6,450	6,049	5,469		5,717	38%
Total:	14,369	13,046	14,993	14,510	14,159	15,601	15,473	15,982	16,090	16,375	14,627		15,020	100%
Violations														
Uncontrollable Non-Issued	3,217	3,217	4,140	3,225	1,887	2,855	2,714	2,980	3,139	2,361	1,780		2,865	50%
Controllable Non-Issued	162	154	200	166	202	224	215	240	190	271	169		199	3%
Citations/Warning Letters	1,874	1,651	1,325	1,693	2,984	3,332	3,312	2,979	3,121	3,417	3,520		2,655	46%
Total:	5,253	5,022	5,665	5,084	5,073	6,411	6,241	6,199	6,450	6,049	5,469		5,720	100%
Non-Violations														
Emergency Vehicle Non-Issuable	225	164	221	206	190	196	170	135	191	193	214		191	2%
Emergency Vehicle PD	1	4	4	2	1	6	6	4	1	1	5		3	0%
Intersection Control in Progress-PD	2	1	4	0	0	0	0	0	0	11	0		5	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	5,499	4,895	5,631	5,984	5,415	5,717	5,684	6,181	6,160	6,801	5,603		5,779	62%
Rear Axle Activation	34	43	44	41	59	45	1	2	0	7	11		29	0%
Right Turn- No Violation	32	29	40	24	49	45	19	33	40	78	79		43	0%
Test Shot	3,316	2,878	3,359	3,187	3,364	3,179	3,341	3,421	3,241	3,234	3,242		3,251	35%
Train Activation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Amber Time Low	0	1	0	0	1	0	0	0	1	1	1		1	0%
Vehicle Stopped- PD	7	9	25	14	7	2	11	7	6	0	3		9	0%
Total:	9,116	8,024	9,328	9,458	9,086	9,190	9,232	9,783	9,640	10,326	9,158		9,311	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	2	0	1	0	0	1	0	1	0		1	0%
Address/CDL/DOB Match Fail	0	0	0	0	1	1	2	0	0	0	0		1	0%
Car Obstructed	34	23	24	43	40	41	55	95	82	75	62		52	2%
Conditions Beyond Control	34	58	90	82	0	0	0	0	0	0	0		66	2%
Driver Identity Unclear	101	110	67	31	22	55	50	50	95	75	31		62	2%
Driver Obstructed	73	65	63	87	70	85	70	88	84	88	62		76	2%
Exposed	0	0	0	0	0	0	1	0	1	0	0		1	0%
Emergency Vehicle Issue	3	0	4	1	4	4	9	4	8	3	5		5	0%
Glare on Plate	122	104	35	33	30	35	45	53	123	112	68		69	2%
Glare on Windshield	32	70	107	79	160	142	144	92	139	84	49		100	3%
Illegible Plate	0	3	7	2	4	1	0	6	8	5	2		4	0%
Interest of Justice- PD	5	5	1	0	0	0	0	0	0	0	0		4	0%
Image Quality- PD	18	25	11	17	21	23	27	7	6	2	7		15	0%
Issuance Criteria Not Met- PD	1,303	1,371	1,930	1,360	2	0	0	0	1	8	2		747	23%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	925	919	981	959	1,137	1,179	1,172	1,217	1,132	1,200	1,077		1,082	34%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	235	311	268	246	198	259	213	182	209	161	180		224	7%
Out of State	121	106	126	108	133	147	142	170	160	137	118		133	4%
Plate Obstructed	45	45	55	46	64	60	44	49	61	68	64		55	2%
Short Yellow- PD	0	1	0	0	0	0	0	0	0	0	0		1	0%
Third Party Damage	0	1	0	3	0	0	0	0	0	0	4		3	0%
TSB Expired	2	0	1	0	0	1	6	75	226	227	15		69	2%
TSB No Hit	164	0	368	128	0	822	734	891	804	115	34		451	14%
Total:	3,217	3,217	4,140	3,225	1,887	2,855	2,714	2,980	3,139	2,361	1,780		3,221	100%
Controllable Non-Issued Violations														
Conduent Expire	38	0	0	0	1	0	0	3	1	0	3		9	4%
Clarity of Plate	0	0	0	1	9	15	12	4	1	15	14		9	4%
Clarity of Driver	0	2	1	1	11	8	0	1	0	2	0		4	2%
Dark Interior	13	12	14	15	20	21	16	17	14	8	10		15	7%
Data Box Related- PD	1	0	0	0	0	1	0	0	0	0	0		1	0%
Data Box Data Error- PD	1	1	0	0	0	0	0	0	0	0	0		1	0%
Data Entry Error	73	107	138	121	115	134	119	153	78	103	32		107	49%
Exposed	0	0	0	0	10	5	0	14	8	17	10		11	5%
Equipment Malfunction	4	8	25	3	10	3	34	29	74	107	80		34	16%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	21	18	14	23	21	30	30	16	12	14	15		19	9%
Framing of Driver	1	0	1	0	1	0	1	0	0	0	1		1	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Plate	2	2	3	0	1	2	2	3	2	5	4		3	1%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
Speed Not Determined	8	4	4	2	3	5	1	0	0	0	0		4	2%
Total:	162	154	200	166	202	224	215	240	190	271	169		217	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	23	23	23	23	23	23	23	23	23	23	23		23	
Average Issued Red Seconds	11.5	10.1	9.6	11.4	10.7	10.9	10.2	10.1	10.4	9.8	10.1		10.4	
Citation / Violation Issuance Rate	36%	33%	23%	33%	59%	52%	53%	48%	48%	56%	64%		46%	
Controllable Issuance Rate	92%	91%	87%	91%	94%	94%	94%	93%	94%	93%	95%		93%	



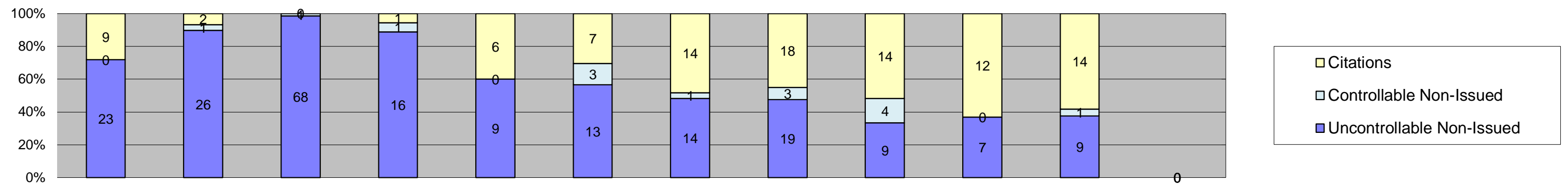
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1301: NB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	233	187	227	234	246	213	183	207	225	209	227		217	60%
Violations	134	146	241	130	122	169	130	125	139	134	92		142	40%
Total:	367	333	468	364	368	382	313	332	364	343	319		359	100%
Violations														
Uncontrollable Non-Issued	112	122	229	106	36	69	38	51	58	40	20		80	54%
Controllable Non-Issued	2	5	12	8	17	8	25	28	5	6	5		11	7%
Citations	20	19	0	16	69	92	67	46	76	88	67		56	38%
Total:	134	146	241	130	122	169	130	125	139	134	92		147	100%
Non-Violations														
Emergency Vehicle Non-Issuable	93	66	83	83	58	75	45	39	58	64	77		67	30%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	19	17	19	20	11	16	8	18	12	10	15		15	7%
Rear Axle Activation	0	0	0	4	1	4	0	0	0	0	0		3	1%
Right Turn- No Violation	0	0	0	0	0	1	0	1	2	0	1		1	1%
Test Shot	121	104	125	127	176	117	130	149	153	135	133		134	60%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	233	187	227	234	246	213	183	207	225	209	227		221	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	3	0	0	0	0	0	1	1	0		2	1%
Conditions Beyond Control	1	4	8	1	0	0	0	0	0	0	0		4	2%
Driver Identity Unclear	0	0	0	0	1	0	1	2	3	2	0		2	1%
Driver Obstructed	3	1	2	1	2	1	0	2	0	1	0		2	1%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	1	0	0	0	0	2	0	0	0	1	0		1	1%
Glare on Plate	0	0	0	0	0	0	0	0	0	1	1		1	1%
Glare on Windshield	2	6	10	4	4	3	0	3	2	2	1		4	3%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	67	70	143	62	0	0	0	0	0	0	0		86	59%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	32	36	39	28	20	33	21	27	34	24	12		28	19%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	0	1	1	0		1	1%
Out of State	3	4	6	6	6	5	3	3	6	3	4		4	3%
Plate Obstructed	0	0	7	1	2	1	0	2	0	1	0		2	2%
Short Yellow- PD	0	1	0	0	0	0	0	0	0	0	0		1	1%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB Epired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	11	3	0	24	13	12	11	3	2		9	6%
Total:	112	122	229	106	36	69	38	51	58	40	20		146	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	2	2	0	2	0	0	2	0	0		2	12%
Data Box Related- PD	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%
Data Entry Error	1	4	6	6	6	5	8	28	2	1	1		6	39%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	1	4	0	10	0	16	0	1	5	4		6	37%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	1	1	0	0	0	0	0		1	6%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	1	0	0	0	0	0	1	0	0	0	0		1	6%
Total:	2	5	12	8	17	8	25	28	5	6	5		16	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	18	18	18	18	18	17	17	17	18	19	19		18	
Average Issued Red Seconds	7.0	7.6	6.1	8.1	7.4	7.2	9.5	8.3	8.0	6.1	6.3		7	
Citation / Violation Issuance Rate	15%	13%	0%	12%	57%	54%	52%	37%	55%	66%	73%		43%	
Controllable Issuance Rate	91%	79%	0%	67%	80%	92%	73%	62%	94%	94%	93%		82%	



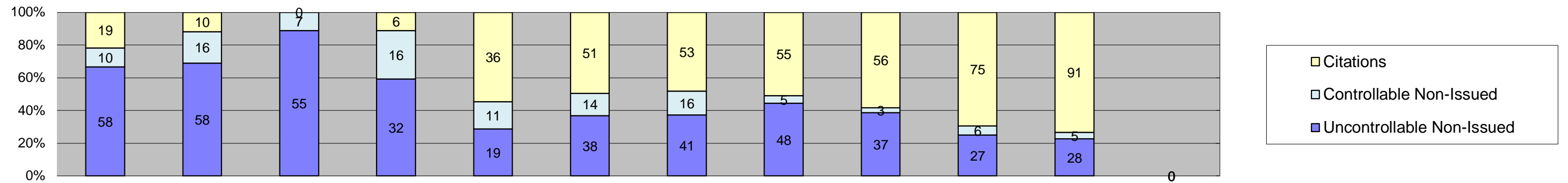
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1302: SB Tujunga Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	168	137	159	157	150	136	153	160	158	145	143		151	84%
Violations	32	29	69	18	15	23	29	40	27	19	24		30	16%
Total:	200	166	228	175	165	159	182	200	185	164	167		181	100%
Violations														
Uncontrollable Non-Issued	23	26	68	16	9	13	14	19	9	7	9		19	63%
Controllable Non-Issued	0	1	1	1	0	3	1	3	4	0	1		2	6%
Citations	9	2	0	1	6	7	14	18	14	12	14		10	31%
Total:	32	29	69	18	15	23	29	40	27	19	24		31	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	2	3	7	2	5	8	4	6	4	9		5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	1	0	0	0		1	1%
Intersection Control in Progress- PD	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%
No Violation Occurred	7	10	13	7	10	7	8	10	10	10	15		10	6%
Rear Axle Activation	1	0	0	1	0	0	0	0	0	0	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	153	125	143	142	138	124	137	145	142	131	119		136	89%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	168	137	159	157	150	136	153	160	158	145	143		153	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	0	0	1	0	1	2	0	1	0	0		1	3%
Conditions Beyond Control	0	0	3	0	0	0	0	0	0	0	0		3	8%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1	0	0		1	3%
Driver Obstructed	0	0	0	0	0	1	1	0	0	0	0		1	3%
Exposed	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%
Glare on Plate	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%
Illegible Plate	0	0	1	0	0	0	0	0	0	0	0		1	3%
Interest of Justice- PD	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%
Issuance Criteria Not Met- PD	11	13	33	8	0	0	0	0	0	0	0		16	42%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	9	12	19	5	9	5	7	13	5	6	7		9	23%
No Speed Captured	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%
Out of State	1	0	3	1	0	1	3	1	1	0	2		2	4%
Plate Obstructed	1	1	6	0	0	0	0	0	0	0	0		3	7%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	0	0	3	1	0	5	1	5	1	1	0		2	6%
Total:	23	26	68	16	9	13	14	19	9	7	9		39	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	0	0	1	0	0	1	0	0		1	22%
Data Box Related- PD	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%
Data Entry Error	0	1	1	1	0	2	1	1	1	0	0		1	26%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	1	0	1		1	30%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	0	0	0	0	1	0	0		1	22%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	0	1	1	1	0	3	1	3	4	0	1		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	
Average Issued Speed	18	17	17	20	19	20	19	19	19	16	20		19	
Average Issued Red Seconds	8.7	19.9	5.4	14.4	5.3	13.8	9.5	10.7	9.7	9.0	11.7		11	
Citation / Violation Issuance Rate	28%	7%	0%	6%	40%	30%	48%	45%	52%	63%	58%		38%	
Controllable Issuance Rate	100%	67%	0%	50%	100%	70%	93%	86%	78%	100%	93%		84%	



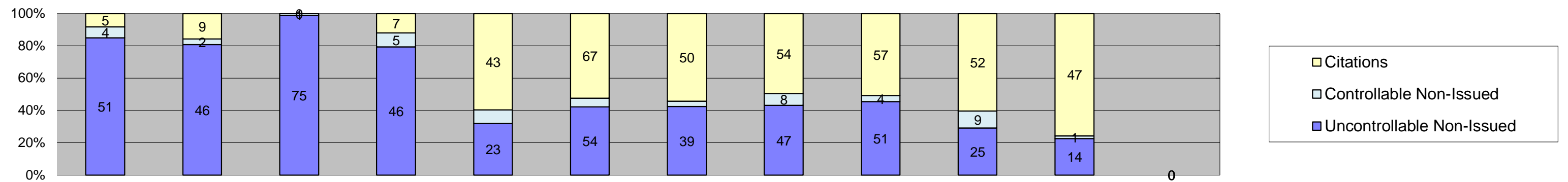
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1313: EB Oxnard St @ Buffalo Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	152	189	161	208	175	189	184	171	226	254		190	68%
Violations	87	84	62	54	66	103	110	108	96	108	124		91	32%
Total:	273	236	251	215	274	278	299	292	267	334	378		282	100%
Violations														
Uncontrollable Non-Issued	58	58	55	32	19	38	41	48	37	27	28		40	42%
Controllable Non-Issued	10	16	7	16	11	14	16	5	3	6	5		10	10%
Citations	19	10	0	6	36	51	53	55	56	75	91		45	47%
Total:	87	84	62	54	66	103	110	108	96	108	124		95	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	4	2	5	1	2	5	1	1	3	3		3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0	0	0	0	0		1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	32	20	22	27	37	18	39	36	23	36	61		32	17%
Rear Axle Activation	1	0	1	1	6	0	0	0	0	0	1		2	1%
Right Turn- No Violation	27	23	38	17	43	39	17	23	31	70	70		36	19%
Test Shot	123	105	125	111	121	116	128	124	116	121	119		119	62%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	186	152	189	161	208	175	189	184	171	226	254		192	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	0	0	0	0	0	0	0	0	0	0		1	1%
Conditions Beyond Control	0	3	0	1	0	0	0	0	0	0	0		2	3%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	1	0		1	1%
Driver Obstructed	1	0	0	0	0	1	0	0	0	1	0		1	1%
Exposed	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%
Glare on Plate	0	1	0	0	0	0	0	1	0	0	0		1	1%
Glare on Windshield	0	0	0	0	1	0	1	0	0	0	0		1	1%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	29	38	35	16	0	0	0	0	0	0	0		30	42%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	24	14	14	14	16	16	22	24	16	20	27		19	27%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	0	0	0	0		1	1%
Out of State	1	1	1	1	2	4	3	3	0	2	1		2	3%
Plate Obstructed	1	0	0	0	0	1	0	0	0	1	0		1	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	1	0	5	0	0	16	15	20	21	2	0		11	16%
Total:	58	58	55	32	19	38	41	48	37	27	28		71	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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	0		1	6%
Data Box Related- PD	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%
Data Entry Error	3	2	0	3	2	1	1	3	2	0	0		2	13%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	3	0	0	0	0	1	0	1	6	5		3	19%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	7	11	6	13	8	13	14	2	0	0	0		9	56%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	1	0	0	0	0	0	0	0	0		1	6%
Total:	10	16	7	16	11	14	16	5	3	6	5		17	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	22	21	22	22	25	23	22	22	22	22	20		22	
Average Issued Red Seconds	9.6	12.3	10.8	10.4	11.0	9.7	10.3	9.8	9.3	9.9	14.4		11	
Citation / Violation Issuance Rate	22%	12%	0%	11%	55%	50%	48%	51%	58%	69%	73%		45%	
Controllable Issuance Rate	66%	38%	0%	27%	77%	78%	77%	92%	95%	93%	95%		74%	



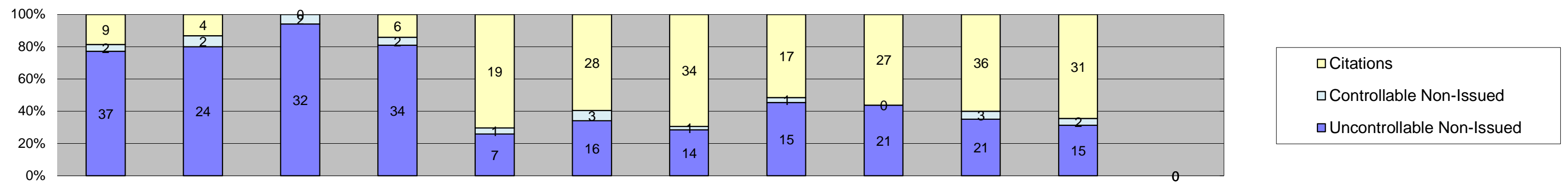
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1314: WB Oxnard St @ Buffalo Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	233	232	228	261	238	208	272	280	279	282	255		252	75%
Violations	60	57	76	58	72	128	92	109	112	86	62		83	25%
Total:	293	289	304	319	310	336	364	389	391	368	317		335	100%
Violations														
Uncontrollable Non-Issued	51	46	75	46	23	54	39	47	51	25	14		43	50%
Controllable Non-Issued	4	2	1	5	6	7	3	8	4	9	1		5	5%
Citations	5	9	0	7	43	67	50	54	57	52	47		39	45%
Total:	60	57	76	58	72	128	92	109	112	86	62		86	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	2	2	2	1	1	1	2	0	3	2		2	1%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	112	125	103	146	111	93	155	162	169	164	137		134	53%
Rear Axle Activation	3	3	1	3	6	5	0	0	0	0	0		4	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	116	102	122	110	120	109	116	116	110	115	116		114	45%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	233	232	228	261	238	208	272	280	279	282	255		253	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	1	1	0	0	4	5	2	0		3	4%
Conditions Beyond Control	1	0	6	2	0	0	0	0	0	0	0		3	4%
Driver Identity Unclear	0	0	0	0	0	0	0	1	2	0	0		2	2%
Driver Obstructed	1	0	1	0	0	2	0	1	0	1	0		1	2%
Exposed	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%
Glare on Plate	2	4	1	0	1	0	1	2	7	1	2		2	3%
Glare on Windshield	0	2	1	1	1	0	1	0	0	1	0		1	2%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	27	26	45	24	0	0	0	0	0	0	0		31	42%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	15	13	19	15	17	38	22	28	21	18	11		20	27%
No Speed Captured	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%
Out of State	0	1	0	1	3	1	2	0	3	0	1		2	2%
Plate Obstructed	0	0	1	1	0	0	0	0	2	1	0		1	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	5	0	1	1	0	13	13	11	11	1	0		7	10%
Total:	51	46	75	46	23	54	39	47	51	25	14		72	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	1	0	1	0	0	0	1	0	0	0		1	11%
Data Box Related- PD	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%
Data Entry Error	2	1	1	4	5	3	2	4	2	0	0		3	28%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	1	3	2	8	1		3	32%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	2	0	0	0	1	3	0	0	0	1	0		2	19%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0	0		1	11%
Total:	4	2	1	5	6	7	3	8	4	9	1		9	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	30	33	31	30	33	32	32	32	32	32	30		32	
Average Issued Red Seconds	2.4	2.5	3.0	2.7	2.6	1.3	3.8	2.6	3.3	2.7	3.3		3	
Citation / Violation Issuance Rate	8%	16%	0%	12%	60%	52%	54%	50%	51%	60%	76%		44%	
Controllable Issuance Rate	56%	82%	0%	58%	88%	91%	94%	87%	93%	85%	98%		83%	



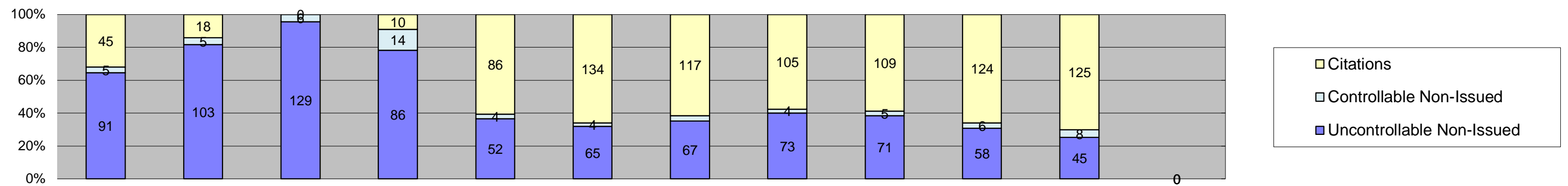
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1321: NB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	141	136	150	146	156	156	135	154	140	145	153		147	78%
Violations	48	30	34	42	27	47	49	33	48	60	48		42	22%
Total:	189	166	184	188	183	203	184	187	188	205	201		189	100%
Violations														
Uncontrollable Non-Issued	37	24	32	34	7	16	14	15	21	21	15		21	48%
Controllable Non-Issued	2	2	2	2	1	3	1	1	0	3	2		2	4%
Citations	9	4	0	6	19	28	34	17	27	36	31		21	47%
Total:	48	30	34	42	27	47	49	33	48	60	48		44	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	7	7	6	4	10	3	4	6	6	5		5	4%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	23	26	22	24	34	31	15	29	20	23	27		25	17%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Right Turn- No Violation	0	0	1	0	0	0	0	0	0	0	0		1	1%
Test Shot	116	103	120	116	118	115	117	121	114	116	121		116	79%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	141	136	150	146	156	156	135	154	140	145	153		147	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	1	1	0	0	1	0	1	0	0		1	2%
Conditions Beyond Control	1	0	2	1	0	0	0	0	0	0	0		1	3%
Driver Identity Unclear	0	1	0	0	0	0	0	0	1	1	0		1	2%
Driver Obstructed	0	0	1	0	0	1	0	0	0	0	1		1	2%
Emergency Vehicle Issue Exposed	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%
Glare on Windshield	1	0	0	0	1	0	0	0	1	0	1		1	2%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	22	16	20	19	0	0	0	0	0	0	0		19	45%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	8	7	6	12	6	12	7	5	9	18	11		9	22%
No Speed Captured	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		1	2%
Out of State	1	0	0	1	0	0	0	2	2	1	2		2	4%
Plate Obstructed	0	0	0	0	0	0	0	1	0	1	0		1	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	2	0	0	3	5	6	6	0	0		4	10%
Total:	37	24	32	34	7	16	14	15	21	21	15		43	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	0	0	0	1	0	0	0	0		1	15%
Data Box Related- PD	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%
Data Entry Error	2	2	2	2	0	3	0	1	0	0	0		2	31%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	3	2		3	38%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	1	0	0	0	0	0	0		1	15%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Operator Error	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%
Reject Expired	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%
Total:	2	2	2	2	1	3	1	1	0	3	2		7	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	24	25	25	25	28	27	28	23	25	26	25		26	
Average Issued Red Seconds	5.5	3.9	5.8	8.4	5.5	4.9	6.6	7.1	5.6	4.9	4.6		6	
Citation / Violation Issuance Rate	19%	13%	0%	14%	70%	60%	69%	52%	56%	60%	65%		48%	
Controllable Issuance Rate	82%	67%	0%	75%	95%	90%	97%	94%	100%	92%	94%		89%	



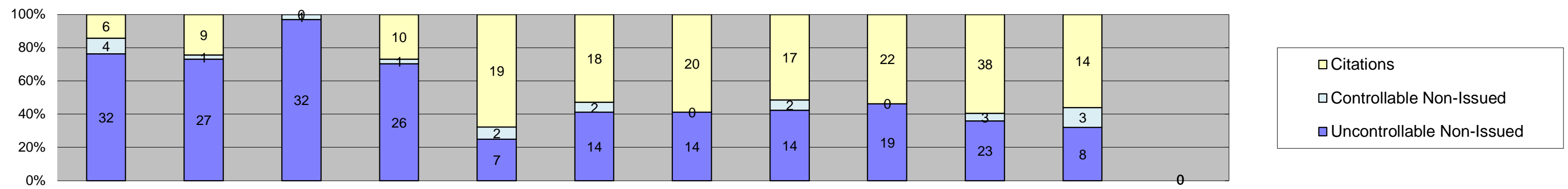
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1322: SB Woodman Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	151	183	203	170	134	168	172	161	184	178		172	51%
Violations	141	126	135	110	142	203	190	182	185	188	178		162	49%
Total:	327	277	318	313	312	337	358	354	346	372	356		334	100%
Violations														
Uncontrollable Non-Issued	91	103	129	86	52	65	67	73	71	58	45		76	45%
Controllable Non-Issued	5	5	6	14	4	4	6	4	5	6	8		6	4%
Citations	45	18	0	10	86	134	117	105	109	124	125		87	51%
Total:	141	126	135	110	142	203	190	182	185	188	178		170	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	1	2	0	1	1	0	0	3		2	1%
Emergency Vehicle PD	0	0	0	0	0	0	1	0	0	0	0		1	1%
Intersection Control in Progress-PD	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%
No Violation Occurred	62	44	56	57	50	34	45	50	53	60	57		52	29%
Rear Axle Activation	0	0	0	0	0	1	0	0	0	1	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	124	106	127	145	118	99	121	121	108	123	117		119	68%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	1		1	1%
Total:	186	151	183	203	170	134	168	172	161	184	178		175	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	1	0	0	1	1	3	4	4	4	4		3	2%
Conditions Beyond Control	0	1	3	3	0	0	0	0	0	0	0		2	2%
Driver Identity Unclear	0	0	0	0	0	0	0	0	2	0	0		2	1%
Driver Obstructed	0	1	0	1	0	0	0	2	0	2	0		2	1%
Exposed	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		1	1%
Glare on Plate	1	2	0	0	0	0	0	0	1	1	1		1	1%
Glare on Windshield	0	0	0	0	2	0	2	0	0	0	0		2	1%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	61	69	96	55	0	0	0	0	0	0	0		70	52%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	21	26	20	23	43	32	33	33	40	38	35		31	23%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	0	3	0	0	1	0	1		2	1%
Out of State	0	3	0	0	0	2	4	4	1	4	1		3	2%
Plate Obstructed	1	0	2	1	6	3	2	4	3	5	2		3	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	7	0	8	3	0	24	23	25	19	4	1		13	9%
Total:	91	103	129	86	52	65	67	73	71	58	45		134	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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		1	9%
Data Box Related- PD	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%
Data Entry Error	3	4	4	13	4	4	5	2	2	1	0		4	36%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	3	5	7		4	36%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	2	0	0	1	0	0	1	0	0	0	1		1	11%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	1	1	0	0	0	0	0	0	0	0		1	9%
Total:	5	5	6	14	4	4	6	4	5	6	8		12	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	28	28	27	28	29	29	29	27	29	28	27		28	
Average Issued Red Seconds	3.6	2.4	2.5	2.9	2.3	2.6	1.5	2.6	2.4	2.4	2.8		3	
Citation / Violation Issuance Rate	32%	14%	0%	9%	61%	66%	62%	58%	59%	66%	70%		50%	
Controllable Issuance Rate	90%	78%	0%	42%	96%	97%	95%	96%	96%	95%	94%		88%	



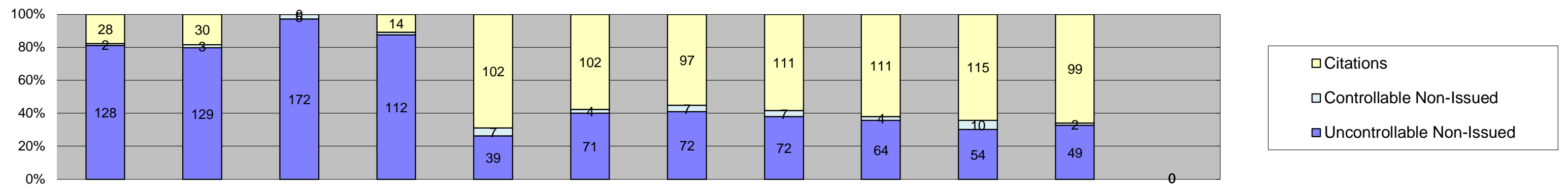
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1331: NB Kester Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	151	148	167	154	169	188	222	193	196	193	180		178	83%
Violations	42	37	33	37	28	34	34	33	41	64	25		37	17%
Total:	193	185	200	191	197	222	256	226	237	257	205		215	100%
Violations														
Uncontrollable Non-Issued	32	27	32	26	7	14	14	14	19	23	8		20	50%
Controllable Non-Issued	4	1	1	1	2	2	0	2	0	3	3		2	5%
Citations	6	9	0	10	19	18	20	17	22	38	14		17	44%
Total:	42	37	33	37	28	34	34	33	41	64	25		39	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	4	1	2	0	1	1	0	2	0	1		2	1%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	20	22	23	24	20	31	31	22	30	44	24		26	15%
Rear Axle Activation	0	1	0	0	0	1	0	0	0	0	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	130	121	143	128	149	155	190	171	164	149	155		150	84%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	151	148	167	154	169	188	222	193	196	193	180		180	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	1	0	1	0		1	3%
Conditions Beyond Control	1	2	4	2	0	0	0	0	0	0	0		2	6%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Obstructed	0	1	0	0	0	0	0	0	0	1	0		1	3%
Exposed	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%
Glare on Plate	0	1	0	0	0	0	0	1	0	0	0		1	3%
Glare on Windshield	0	0	0	0	0	0	0	0	1	0	0		1	3%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	19	15	19	13	0	0	0	0	0	0	0		17	44%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	7	8	6	9	7	8	7	3	9	20	7		8	22%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	1	0	0		1	3%
Out of State	1	0	1	0	0	1	1	1	2	0	0		1	3%
Plate Obstructed	0	0	0	1	0	1	0	1	0	0	0		1	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	2	1	0	4	5	7	6	1	1		3	9%
Total:	32	27	32	26	7	14	14	14	19	23	8		38	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	3	1	1	0	1	1	0	2	0	1	0		1	32%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	1	0	0	0	0	0	0	0	0	2	3		2	45%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	1	1	1	0	0	0	0	0		1	23%
Total:	4	1	1	1	2	2	0	2	0	3	3		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	
Average Issued Speed	31	32	33	29	31	30	34	31	30	31	34		31	
Average Issued Red Seconds	1.5	0.5	1.2	2.3	4.3	3.2	1.7	1.2	1.6	1.1	3.8		2	
Citation / Violation Issuance Rate	14%	24%	0%	27%	68%	53%	59%	52%	54%	59%	56%		47%	
Controllable Issuance Rate	60%	90%	0%	91%	90%	90%	100%	89%	100%	93%	82%		89%	



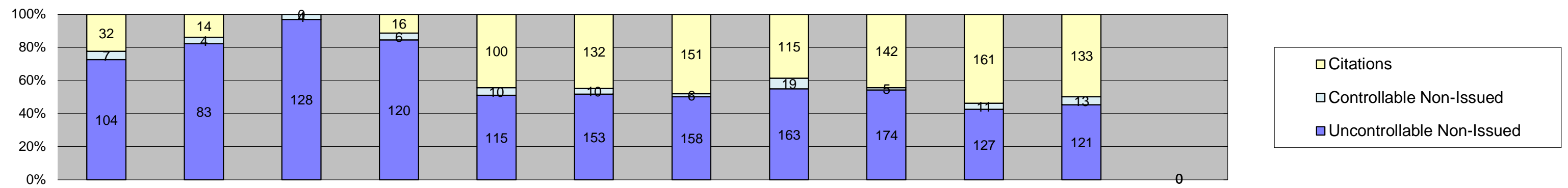
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1332: SB Kester Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	145	125	133	127	139	138	146	134	127	141	132		135	45%
Violations	158	162	177	128	148	177	176	190	179	179	150		166	55%
Total:	303	287	310	255	287	315	322	324	306	320	282		301	100%
Violations														
Uncontrollable Non-Issued	128	129	172	112	39	71	72	72	64	54	49		87	51%
Controllable Non-Issued	2	3	5	2	7	4	7	7	4	10	2		5	3%
Citations	28	30	0	14	102	102	97	111	111	115	99		81	47%
Total:	158	162	177	128	148	177	176	190	179	179	150		173	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	1	0	0	1	1	0	1		1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Intersection Control in Progress- PD	0	1	0	0	0	0	0	0	0	0	0		1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	13	9	10	9	12	19	25	12	19	22	14		15	11%
Rear Axle Activation	3	6	4	3	5	4	0	0	0	0	1		4	3%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	128	109	119	115	121	115	121	121	107	119	116		117	85%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	145	125	133	127	139	138	146	134	127	141	132		138	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	1	0	0	0		1	1%
Conditions Beyond Control	0	5	4	5	0	0	0	0	0	0	0		5	3%
Driver Identity Unclear	0	1	0	0	0	0	1	0	0	0	0		1	1%
Driver Obstructed	1	1	0	1	0	1	1	1	0	3	3		2	1%
Exposed	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%
Glare on Plate	44	12	0	0	0	1	0	2	1	5	7		10	7%
Glare on Windshield	0	0	0	0	1	0	0	0	0	0	0		1	1%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	45	73	121	73	0	0	0	0	0	0	0		78	52%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	28	29	32	26	33	40	40	40	32	37	32		34	22%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	1	0	1	1	1	0	0	4	0	1		2	1%
Out of State	7	5	4	3	2	7	6	4	2	7	2		4	3%
Plate Obstructed	0	2	0	0	2	0	2	0	2	0	2		2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	11	3	0	21	22	24	23	2	2		12	8%
Total:	128	129	172	112	39	71	72	72	64	54	49		151	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	2	2	4	2	7	4	7	6	0	4	0		4	50%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	4	6	2		3	38%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	1	1	0	0	0	0	0	0	0	0		1	12%
Total:	2	3	5	2	7	4	7	7	4	10	2		8	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	31	33	32	33	33	33	34	33	32	34	32		33	
Average Issued Red Seconds	1.0	0.8	1.0	1.0	0.6	0.8	0.8	1.0	1.0	0.7	0.8		1	
Citation / Violation Issuance Rate	18%	19%	0%	11%	69%	58%	55%	58%	62%	64%	66%		48%	
Controllable Issuance Rate	93%	91%	0%	88%	94%	96%	93%	94%	97%	92%	98%		94%	



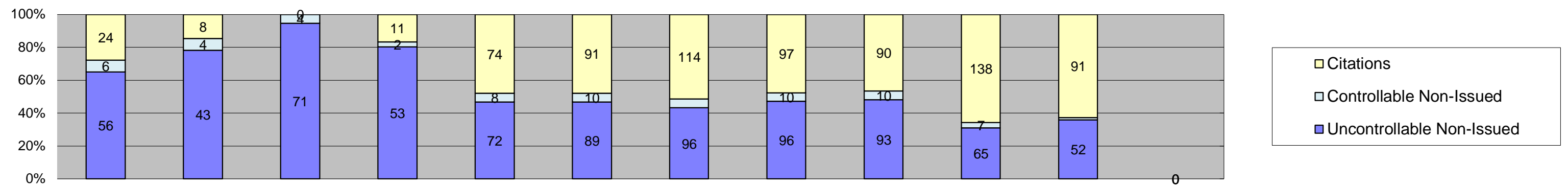
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1341: NB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	174	156	175	153	171	162	166	164	156	203	187		170	42%
Violations	143	101	132	142	225	295	315	297	321	299	267		231	58%
Total:	317	257	307	295	396	457	481	461	477	502	454		400	100%
Violations														
Uncontrollable Non-Issued	104	83	128	120	115	153	158	163	174	127	121		131	55%
Controllable Non-Issued	7	4	4	6	10	10	6	19	5	11	13		9	4%
Citations	32	14	0	16	100	132	151	115	142	161	133		100	42%
Total:	143	101	132	142	225	295	315	297	321	299	267		240	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	5	8	4	4	8	1	2	11	5	7		6	3%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	48	43	40	39	41	38	44	42	35	76	56		46	27%
Rear Axle Activation	1	0	0	0	2	0	0	0	0	2	0		2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	1	1		1	1%
Test Shot	118	108	127	110	124	116	121	120	110	119	123		118	69%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	174	156	175	153	171	162	166	164	156	203	187		172	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	3	0	2	7	8	9	12	21	17	11	18		11	6%
Conditions Beyond Control	4	0	0	2	0	0	0	0	0	0	0		3	2%
Driver Identity Unclear	0	0	0	0	1	4	2	5	12	13	6		6	3%
Driver Obstructed	1	1	1	1	0	2	3	2	0	3	6		2	1%
Exposed	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%
Glare on Plate	1	0	0	2	2	3	1	1	67	1	0		10	5%
Glare on Windshield	0	6	5	11	28	22	21	15	22	16	23		17	9%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	2		2	1%
Issuance Criteria Not Met- PD	65	48	81	55	0	0	0	0	0	0	0		62	32%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	21	22	23	32	61	66	65	72	0	64	50		48	25%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	1	0	0	0	1		1	1%
Out of State	1	4	4	4	3	6	9	8	8	7	6		5	3%
Plate Obstructed	2	2	1	2	11	10	8	3	9	3	6		5	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	6	0	11	4	0	31	36	36	39	9	3		19	10%
Total:	104	83	128	120	115	153	158	163	174	127	121		192	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	3	0	2	2	3	4	3	1	1	2	1		2	14%
Data Box Related- PD	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%
Data Entry Error	3	4	2	4	5	6	3	15	1	3	0		5	30%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	2	5	12		5	34%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	0	0	0	1	1	0	0		1	6%
Framing of Driver	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%
Framing of Plate	0	0	0	0	0	0	0	0	0	1	0		1	6%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
Speed Not Determined	1	0	0	0	2	0	0	0	0	0	0		2	10%
Total:	7	4	4	6	10	10	6	19	5	11	13		16	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	35	35	34	35	33	35	35	33	33	34	33		34	
Average Issued Red Seconds	0.6	0.8	0.6	1.1	0.7	0.7	0.7	5.9	0.7	0.8	0.8		1	
Citation / Violation Issuance Rate	22%	14%	0%	11%	44%	45%	48%	39%	44%	54%	50%		37%	
Controllable Issuance Rate	82%	78%	0%	73%	91%	93%	96%	86%	97%	94%	91%		88%	



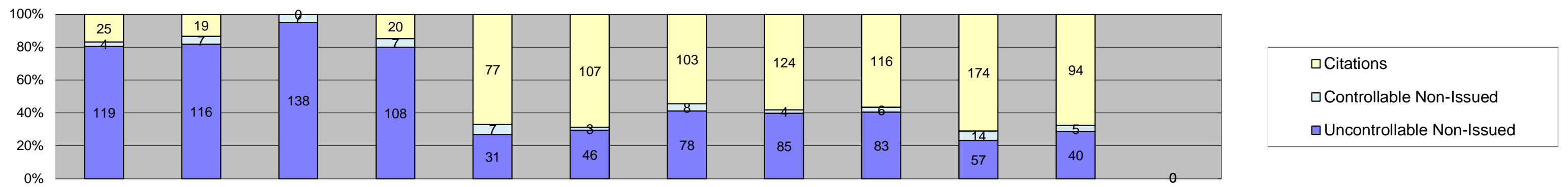
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1342: SB Sepulveda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	217	202	197	190	192	183	203	197	213	222	214		203	58%
Violations	86	55	75	66	154	190	222	203	193	210	145		145	42%
Total:	303	257	272	256	346	373	425	400	406	432	359		348	100%
Violations														
Uncontrollable Non-Issued	56	43	71	53	72	89	96	96	93	65	52		71	47%
Controllable Non-Issued	6	4	4	2	8	10	12	10	10	7	2		7	4%
Citations	24	8	0	11	74	91	114	97	90	138	91		74	49%
Total:	86	55	75	66	154	190	222	203	193	210	145		152	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	3	4	3	3	0	5	2	4	7	2		4	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	90	89	65	64	60	59	71	66	94	89	83		75	37%
Rear Axle Activation	0	0	1	2	2	2	0	0	0	0	1		2	1%
Right Turn- No Violation	4	5	0	6	5	3	2	8	6	6	7		5	3%
Test Shot	118	105	127	115	122	119	125	121	109	120	121		118	58%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	217	202	197	190	192	183	203	197	213	222	214		204	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	1	0	1	4	4	5	14	4	6	2		4	4%
Conditions Beyond Control	1	0	1	3	0	0	0	0	0	0	0		2	2%
Driver Identity Unclear	0	0	0	0	1	0	1	4	3	1	2		2	2%
Driver Obstructed	0	1	0	0	1	0	2	1	0	2	1		1	1%
Exposed	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		1	1%
Glare on Plate	0	1	0	0	0	2	0	0	1	1	0		1	1%
Glare on Windshield	0	1	4	1	23	11	6	1	2	1	1		5	5%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	32	25	40	26	0	0	0	0	0	0	0		31	29%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	14	13	17	19	38	37	44	40	47	40	37		31	30%
No Speed Captured	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		1	1%
Out of State	2	1	2	2	2	1	2	4	4	5	3		3	2%
Plate Obstructed	1	0	1	1	3	5	5	3	3	7	5		3	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	5	0	6	0	0	29	31	28	29	2	0		19	18%
Total:	56	43	71	53	72	89	96	96	93	65	52		104	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	1	0	0	1	1	0	0	0	0	0		1	9%
Data Box Related- PD	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%
Data Entry Error	1	2	2	1	2	4	8	4	4	4	0		3	28%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	5	2	1		3	22%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	5	0	2	1	5	3	4	4	1	1	0		3	25%
Framing of Driver	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%
Framing of Plate	0	0	0	0	0	1	0	0	0	0	1		1	9%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
Speed Not Determined	0	1	0	0	0	1	0	0	0	0	0		1	9%
Total:	6	4	4	2	8	10	12	10	10	7	2		12	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	34	34	33	36	33	34	34	34	32	32	32		33	
Average Issued Red Seconds	2.5	0.8	1.4	2.2	1.0	1.4	1.2	1.1	1.0	1.0	1.0		1	
Citation / Violation Issuance Rate	28%	15%	0%	17%	48%	48%	51%	48%	47%	66%	63%		43%	
Controllable Issuance Rate	80%	67%	0%	85%	90%	90%	90%	91%	90%	95%	98%		88%	



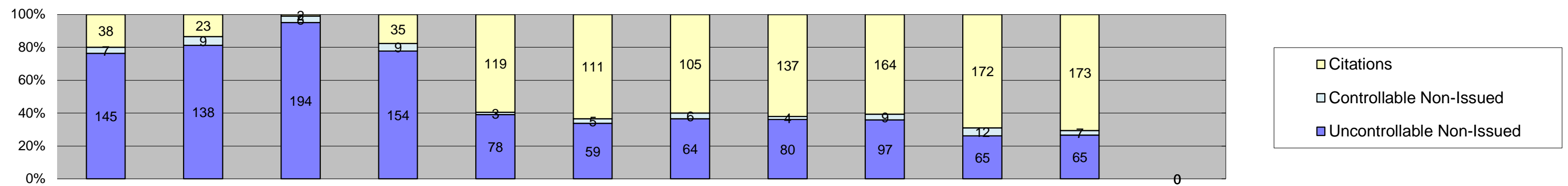
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1351: NB Woodley @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	146	110	162	163	157	150	182	172	158	157	161		156	48%
Violations	148	142	145	135	115	156	189	213	205	245	139		167	52%
Total:	294	252	307	298	272	306	371	385	363	402	300		323	100%
Violations														
Uncontrollable Non-Issued	119	116	138	108	31	46	78	85	83	57	40		82	47%
Controllable Non-Issued	4	7	7	7	7	3	8	4	6	14	5		7	4%
Citations	25	19	0	20	77	107	103	124	116	174	94		86	49%
Total:	148	142	145	135	115	156	189	213	205	245	139		174	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	2	4	0	2	2	6	0	3	3		3	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	23	8	32	39	29	34	64	49	41	38	34		36	22%
Rear Axle Activation	2	3	4	5	5	1	0	0	0	0	0		3	2%
Right Turn- No Violation	0	0	0	1	0	0	0	0	0	1	0		1	1%
Test Shot	120	97	124	114	123	113	116	117	117	115	124		116	73%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	146	110	162	163	157	150	182	172	158	157	161		159	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	1	0	0	1		1	1%
Conditions Beyond Control	1	4	4	6	0	0	0	0	0	0	0		4	3%
Driver Identity Unclear	0	1	0	0	0	0	0	0	2	2	1		2	1%
Driver Obstructed	2	2	1	0	3	2	2	0	0	3	0		2	2%
Exposed	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%
Glare on Plate	0	0	1	0	0	0	1	1	0	0	0		1	1%
Glare on Windshield	2	2	1	2	1	0	0	1	3	2	0		2	1%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	86	73	83	58	0	0	0	0	0	0	0		75	53%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	23	32	30	27	23	23	37	43	38	40	33		32	23%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	1	2	0		1	1%
Out of State	1	1	4	6	4	1	7	2	6	4	3		4	3%
Plate Obstructed	0	1	3	3	0	1	0	2	1	0	1		2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	11	6	0	19	30	35	32	4	1		16	11%
Total:	119	116	138	108	31	46	78	85	83	57	40		140	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	1	0	0	0	0	0	0	0		1	8%
Data Box Related- PD	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%
Data Entry Error	4	6	6	6	7	2	7	2	3	5	0		5	40%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	1	2	3	6	5		3	29%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	1	0	0	1	0	0	0	3	0		2	14%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	1	0	0	0	0	0	0	0	0	0		1	8%
Total:	4	7	7	7	7	3	8	4	6	14	5		12	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	23	23	24	24	24	23	22	23	22	23	23		23	
Average Issued Red Seconds	14.0	11.6	10.2	8.2	10.4	11.6	13.6	12.7	13.8	13.0	10.2		12	
Citation / Violation Issuance Rate	17%	13%	0%	15%	67%	69%	54%	58%	57%	71%	68%		49%	
Controllable Issuance Rate	86%	73%	0%	74%	92%	97%	93%	97%	95%	93%	95%		89%	



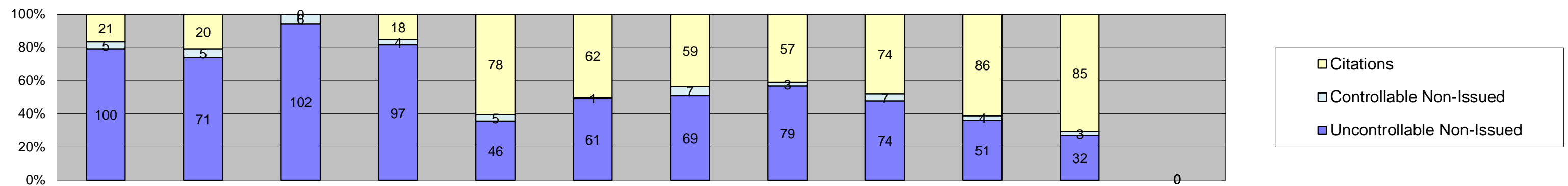
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1352: SB Woodley @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	141	126	169	141	147	147	153	175	140	168	157		151	42%
Violations	190	170	204	198	200	175	175	221	270	249	245		209	58%
Total:	331	296	373	339	347	322	328	396	410	417	402		360	100%
Violations														
Uncontrollable Non-Issued	145	138	194	154	78	59	64	80	97	65	65		104	50%
Controllable Non-Issued	7	9	8	9	3	5	6	4	9	12	7		7	3%
Citations	38	23	2	35	119	111	105	137	164	172	173		98	47%
Total:	190	170	204	198	200	175	175	221	270	249	245		209	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	1	2	2	1	1	2	0	1	3		2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Intersection Control in Progress-PD	1	0	0	0	0	0	0	0	0	7	0		4	3%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	12	15	9	19	16	28	31	36	30	43	36		25	16%
Rear Axle Activation	17	11	9	9	11	6	0	1	0	2	2		8	5%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	111	99	150	111	118	112	121	136	110	115	116		118	76%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	141	126	169	141	147	147	153	175	140	168	157		156	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	1	1	1	0	4	5	4	1	6		3	2%
Conditions Beyond Control	2	8	5	4	0	0	0	0	0	0	0		5	3%
Driver Identity Unclear	1	0	0	0	1	0	0	0	3	4	0		2	1%
Driver Obstructed	0	2	2	0	0	0	0	2	1	0	0		2	1%
Exposed	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%
Glare on Plate	5	8	0	1	0	0	0	1	0	1	4		3	2%
Glare on Windshield	0	4	1	0	2	0	0	1	0	0	0		2	1%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	0		1	1%
Interest of Justice- PD	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%
Issuance Criteria Not Met- PD	92	79	128	104	0	0	0	0	0	0	0		101	55%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	34	29	40	33	64	31	21	31	39	50	48		38	21%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	2	0	0	0		2	1%
Out of State	4	2	1	3	6	4	5	5	8	3	3		4	2%
Plate Obstructed	2	5	6	1	4	0	1	0	1	3	4		3	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	5	0	10	7	0	24	33	32	41	3	0		19	10%
Total:	145	138	194	154	78	59	64	80	97	65	65		185	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	2	0	0	0	0	0	0	0	0	0		2	13%
Dark Interior	2	1	0	0	0	0	0	0	1	0	0		1	9%
Data Box Related- PD	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%
Data Entry Error	4	6	8	9	3	5	6	3	0	6	1		5	34%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	8	5	5		5	31%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	0	0	0	0	0	0	0	0	0	1	1		1	7%
Reject Expired	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		1	7%
Total:	7	9	8	9	3	5	6	4	9	12	7		15	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	19	20	20	19	19	19	19	19	20	19	20		19	
Average Issued Red Seconds	2.9	2.1	2.3	2.5	1.9	2.7	3.1	2.1	2.4	2.2	2.0		2	
Citation / Violation Issuance Rate	20%	14%	1%	18%	60%	63%	60%	62%	61%	69%	71%		45%	
Controllable Issuance Rate	84%	72%	20%	80%	98%	96%	95%	97%	95%	93%	96%		84%	



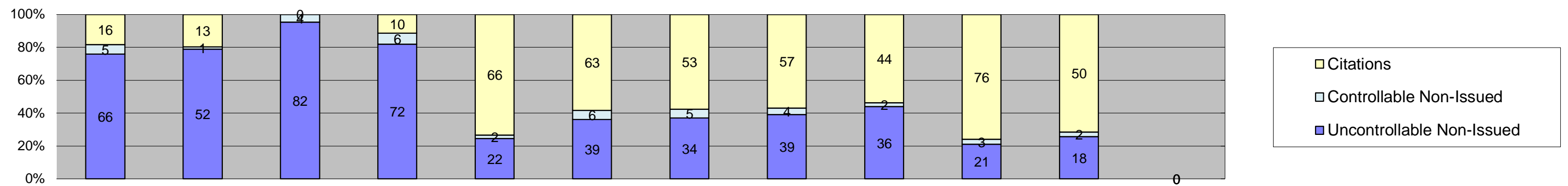
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1361: NB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	162	159	175	174	175	158	173	194	162	170	163		170	57%
Violations	126	96	108	119	129	124	135	139	155	141	120		127	43%
Total:	288	255	283	293	304	282	308	333	317	311	283		296	100%
Violations														
Uncontrollable Non-Issued	100	71	102	97	46	61	69	79	74	51	32		71	54%
Controllable Non-Issued	5	5	6	4	5	1	7	3	7	4	3		5	3%
Citations	21	20	0	18	78	62	59	57	74	86	85		56	43%
Total:	126	96	108	119	129	124	135	139	155	141	120		132	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	4	8	8	6	5	5	10	7	9	9		7	4%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	28	44	44	49	39	37	39	53	41	44	36		41	24%
Rear Axle Activation	0	1	1	1	2	2	0	0	0	0	1		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	127	110	122	116	128	114	129	131	114	117	117		120	71%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	162	159	175	174	175	158	173	194	162	170	163		170	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	1	1	3	0	0	1	2	2	3	1		2	1%
Conditions Beyond Control	0	3	4	4	0	0	0	0	0	0	0		4	3%
Driver Identity Unclear	0	0	0	0	0	2	2	3	7	4	1		3	3%
Driver Obstructed	0	1	2	1	4	1	1	2	3	1	1		2	1%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	2	0	0	0	0	0	0		2	2%
Glare on Plate	0	0	0	0	0	0	0	1	0	0	0		1	1%
Glare on Windshield	2	4	1	6	8	5	8	4	8	5	0		5	4%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	66	38	63	48	0	0	0	0	0	0	0		54	45%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	24	16	22	28	29	28	24	40	31	25	25		27	22%
No Speed Captured	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	1	2	1		1	1%
Out of State	3	6	1	4	1	2	4	4	5	8	3		4	3%
Plate Obstructed	0	2	1	2	2	1	2	1	0	3	0		2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	7	1	0	22	27	22	17	0	0		14	12%
Total:	100	71	102	97	46	61	69	79	74	51	32		120	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	2	1	1	1	2	0	0	0	1	0	0		1	17%
Data Box Related- PD	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%
Data Entry Error	3	4	5	3	3	1	4	2	0	0	0		3	40%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	0	0	0	0	3	1	6	4	3		3	43%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	5	5	6	4	5	1	7	3	7	4	3		8	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	29	29	29	30	30	28	30	29	30	31	27		29	
Average Issued Red Seconds	5.8	5.9	6.5	5.0	6.1	5.4	5.2	7.2	6.2	4.9	9.5		6	
Citation / Violation Issuance Rate	17%	21%	0%	15%	60%	50%	44%	41%	48%	61%	71%		43%	
Controllable Issuance Rate	81%	80%	0%	82%	94%	98%	89%	95%	91%	96%	97%		90%	



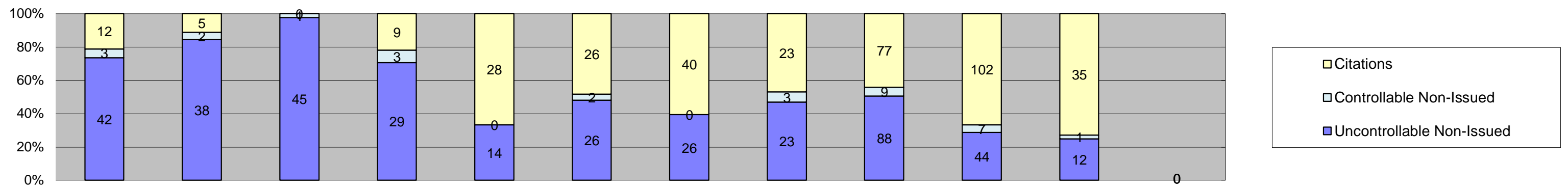
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1362: SB Balboa Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	136	119	135	137	133	142	135	135	152	148	156		139	61%
Violations	87	66	86	88	90	108	92	100	82	100	70		88	39%
Total:	223	185	221	225	223	250	227	235	234	248	226		227	100%
Violations														
Uncontrollable Non-Issued	66	52	82	72	22	39	34	39	36	21	18		44	47%
Controllable Non-Issued	5	1	4	6	2	6	5	4	2	3	2		4	4%
Citations	16	13	0	10	66	63	53	57	44	76	50		45	49%
Total:	87	66	86	88	90	108	92	100	82	100	70		92	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	1	0	1	4	2	0	4	2	8		3	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	7	8	11	18	14	21	14	12	36	22	23		17	12%
Rear Axle Activation	0	0	2	0	0	2	0	0	0	0	0		2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	127	110	121	119	118	115	119	123	112	124	125		119	85%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	136	119	135	137	133	142	135	135	152	148	156		141	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	0	0	0	0	0	1	0	1	5	2		2	2%
Conditions Beyond Control	2	0	4	2	0	0	0	0	0	0	0		3	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0	0	0		1	1%
Driver Obstructed	0	0	0	0	0	1	0	0	0	2	0		2	2%
Exposed	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%
Glare on Plate	0	1	0	0	0	0	1	0	0	0	0		1	1%
Glare on Windshield	0	0	1	1	4	1	1	0	0	0	0		2	2%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	47	39	51	46	0	0	0	0	0	0	0		46	55%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	13	11	13	16	15	18	15	21	19	10	12		15	18%
No Speed Captured	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%
Out of State	1	0	4	1	2	3	1	3	3	3	3		2	3%
Plate Obstructed	1	1	2	2	1	0	0	0	0	1	0		1	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	1	0	7	4	0	16	15	14	13	0	1		9	11%
Total:	66	52	82	72	22	39	34	39	36	21	18		83	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	0	0	0	0	1	0	0	0		1	16%
Data Box Related- PD	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%
Data Entry Error	4	1	4	3	2	6	5	1	1	2	0		3	45%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	1	0	0	2	0	0	0	2	1	1	2		2	23%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0	0		1	16%
Total:	5	1	4	6	2	6	5	4	2	3	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	
Average Issued Speed	29	29	28	28	29	30	29	29	29	29	27		29	
Average Issued Red Seconds	1.7	1.8	2.0	1.8	1.5	1.6	1.7	1.5	2.4	1.4	1.4		2	
Citation / Violation Issuance Rate	18%	20%	0%	11%	73%	58%	58%	57%	54%	76%	71%		50%	
Controllable Issuance Rate	76%	93%	0%	63%	97%	91%	91%	93%	96%	96%	96%		89%	



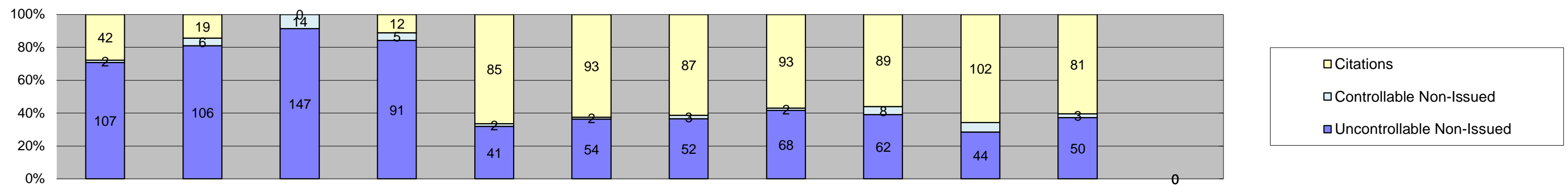
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1371:NB White Oak Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	125	110	126	179	128	148	127	134	142	148	135		137	67%
Violations	57	45	46	9	42	54	66	49	174	153	48		68	33%
Total:	182	155	172	188	170	202	193	183	316	301	183		204	100%
Violations														
Uncontrollable Non-Issued	42	38	45	29	14	26	26	23	88	44	12		35	47%
Controllable Non-Issued	3	2	1	3	0	2	0	3	9	7	1		3	5%
Citations	12	5	0	9	28	26	40	23	77	102	35		36	48%
Total:	57	45	46	41	42	54	66	49	174	153	48		74	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	1	2	2	3	2	1	4	3	2		2	2%
Emergency Vehicle PD	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	4	0		4	3%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	1	1	6	52	7	8	7	9	20	21	11		13	9%
Rear Axle Activation	0	0	0	1	2	1	0	0	0	1	0		1	1%
Right Turn- No Violation	0	0	1	0	0	0	0	0	0	0	0		1	1%
Test Shot	120	107	118	124	117	136	118	124	118	119	122		120	85%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	125	110	126	179	128	148	127	134	142	148	135		142	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	2	1	0	0	0	2	2	1	1	2	0		2	2%
Conditions Beyond Control	0	0	1	2	0	0	0	0	0	0	0		2	2%
Driver Identity Unclear	0	0	0	0	0	0	1	0	2	3	2		2	3%
Driver Obstructed	1	0	0	1	0	1	0	1	2	6	0		2	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	2	0	0		2	3%
Glare on Plate	0	0	0	0	0	0	2	0	0	1	0		2	2%
Glare on Windshield	3	3	3	2	10	5	6	3	14	3	2		5	8%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	0		1	2%
Interest of Justice- PD	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		1	2%
Issuance Criteria Not Met- PD	22	26	29	19	0	0	0	0	0	0	0		24	37%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	8	8	9	3	3	11	9	9	37	20	5		11	17%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	0	2	2	0		2	3%
Out of State	0	0	0	0	0	1	0	2	1	2	0		2	2%
Plate Obstructed	2	0	1	1	0	0	1	1	3	0	3		2	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	2	0	0	6	5	5	24	5	0		7	11%
Total:	42	38	45	29	14	26	26	23	88	44	12		65	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Data Box Data Error- PD	1	0	0	0	0	0	0	0	0	0	0		1	11%
Data Entry Error	1	2	1	3	0	0	0	1	3	1	0		2	19%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	1	0	0	0	0	0	0	1	4	6	0		3	33%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	0	1	0	0	2	0	0		2	16%
Framing of Driver	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%
Framing of Plate	0	0	0	0	0	0	0	1	0	0	1		1	11%
Reject Expired	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		1	11%
Total:	3	2	1	3	0	2	0	3	9	7	1		9	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	17	16	17	16	18	17	17	16	17	17	16		17	
Average Issued Red Seconds	5.8	7.9	4.9	6.4	6.7	8.1	7.5	6.2	8.4	6.7	5.5		7	
Citation / Violation Issuance Rate	21%	11%	0%	22%	67%	48%	61%	47%	44%	67%	73%		46%	
Controllable Issuance Rate	80%	71%	0%	75%	100%	93%	100%	88%	90%	94%	97%		89%	



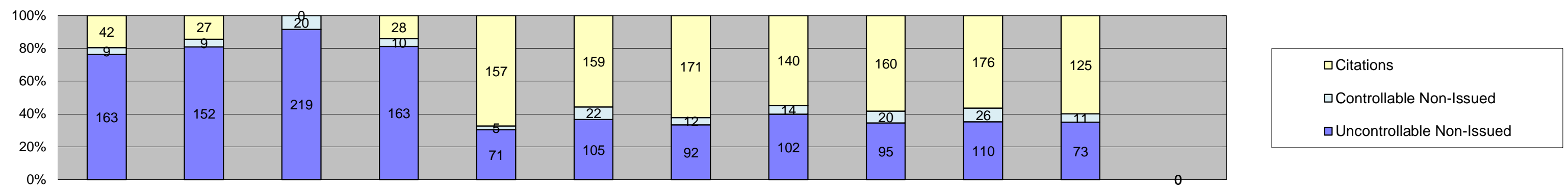
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1372: SB White Oak Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	182	173	178	169	182	243	224	230	242	203	215		204	59%
Violations	151	131	161	108	128	149	142	163	159	155	134		144	41%
Total:	333	304	339	277	310	392	366	393	401	358	349		347	100%
Violations														
Uncontrollable Non-Issued	107	106	147	91	41	54	52	68	62	44	50		75	50%
Controllable Non-Issued	2	6	14	5	2	2	3	2	8	9	3		5	3%
Citations	42	19	0	12	85	93	87	93	89	102	81		70	47%
Total:	151	131	161	108	128	149	142	163	159	155	134		150	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	7	2	1	3	5	4	2	3	2	6		4	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	54	59	56	53	62	120	104	106	117	77	89		82	40%
Rear Axle Activation	0	2	1	0	1	3	0	0	0	1	0		2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	1	0	0		1	0%
Test Shot	124	105	119	115	116	115	116	122	121	123	120		118	57%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	182	173	178	169	182	243	224	230	242	203	215		206	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	3	1	0	0	0		2	2%
Conditions Beyond Control	5	3	7	4	0	0	0	0	0	0	0		5	4%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1	1	0		1	1%
Driver Obstructed	0	1	0	0	3	0	1	3	2	2	2		2	2%
Exposed	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%
Glare on Plate	6	6	1	1	1	0	0	0	0	3	5		3	3%
Glare on Windshield	0	0	0	1	0	0	0	0	0	0	0		1	1%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	1		1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	67	69	98	50	0	0	0	0	0	3	0		57	47%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	20	24	29	22	32	34	31	32	36	25	37		29	24%
No Speed Captured	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	2	0		2	2%
Out of State	2	2	2	1	3	2	3	5	2	5	1		3	2%
Plate Obstructed	1	1	0	3	2	2	0	2	1	0	3		2	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Third Party Damage	0	0	0	3	0	0	0	0	0	0	0		3	2%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	6	0	10	6	0	16	14	25	20	3	1		11	9%
Total:	107	106	147	91	41	54	52	68	62	44	50		122	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	1	6	2	5	2	2	3	1	3	4	0		3	32%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	12	0	0	0	0	1	5	5	3		5	57%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	1	0	0	0	0	0	0	0	0	0	0		1	11%
Total:	2	6	14	5	2	2	3	2	8	9	3		9	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	33	34	33	35	37	35	35	38	35	29	33		34	
Average Issued Red Seconds	2.0	1.3	10.3	2.2	1.1	1.6	1.3	1.0	1.2	11.2	3.0		3	
Citation / Violation Issuance Rate	28%	15%	0%	11%	66%	62%	61%	57%	56%	66%	60%		48%	
Controllable Issuance Rate	95%	76%	0%	71%	98%	98%	97%	98%	92%	92%	96%		91%	



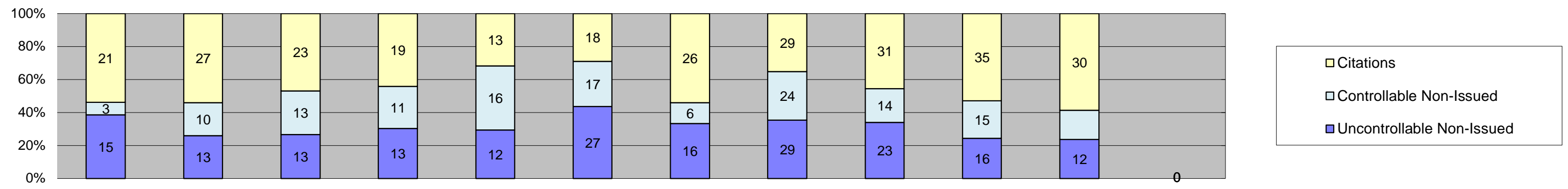
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1382 SB Lindley Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	182	143	203	175	189	183	181	183	172	176	182			179	42%
Violations	214	188	239	201	233	286	275	256	275	312	209			244	58%
Total:	396	331	442	376	422	469	456	439	447	488	391			423	100%
Violations															
Uncontrollable Non-Issued	163	152	219	163	71	105	92	102	95	110	73			122	48%
Controllable Non-Issued	9	9	20	10	5	22	12	14	20	26	11			14	6%
Citations	42	27	0	28	157	159	171	140	160	176	125			119	46%
Total:	214	188	239	201	233	286	275	256	275	312	209			255	100%
Non-Violations															
Emergency Vehicle Non-Issuable	3	1	6	2	7	7	7	2	5	2	3			4	2%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0	0	0			1	1%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	58	39	78	59	63	60	56	65	57	54	54			58	32%
Rear Axle Activation	0	0	0	0	0	1	0	0	0	0	0			1	1%
Right Turn- No Violation	1	1	0	0	1	2	0	0	0	0	0			1	1%
Test Shot	120	102	118	114	118	113	118	116	110	120	125			116	64%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	182	143	203	175	189	183	181	183	172	176	182			182	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	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%
Car Obstructed	1	3	5	2	1	3	1	5	4	11	5			4	2%
Conditions Beyond Control	3	6	8	6	0	0	0	0	0	0	0			6	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	3	2	1			2	1%
Driver Obstructed	1	0	1	0	5	2	1	1	0	1	0			2	1%
Exposed	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%
Glare on Plate	26	20	7	2	1	1	3	4	4	20	17			10	5%
Glare on Windshield	0	0	0	0	0	2	1	0	0	1	0			1	1%
Illegible Plate	0	0	0	0	0	0	0	0	0	2	0			2	1%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0	0	0			1	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	91	74	140	100	0	0	0	0	0	0	0			101	50%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	29	39	39	41	52	54	56	50	54	61	43			47	23%
No Speed Captured	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%
Out of State	3	4	5	4	6	7	2	4	2	2	2			4	2%
Plate Obstructed	4	5	3	3	6	4	2	3	1	2	5			3	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	5	0	11	5	0	32	26	34	27	8	0			19	9%
Total:	163	152	219	163	71	105	92	102	95	110	73			201	100%
Controllable Non-Issued Violations															
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0			0	0%
Dark Interior	1	0	3	1	2	1	3	0	1	0	1			2	7%
Data Box Related- PD	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%
Data Entry Error	6	7	15	7	3	16	4	8	5	6	0			8	34%
Exposed	0	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	12	14	4			8	35%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	1	2	2	2	0	5	5	4	2	5	6			3	15%
Framing of Driver	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%
Framing of Plate	0	0	0	0	0	0	0	0	0	1	0			1	4%
Reject Expired	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			1	4%
Total:	9	9	20	10	5	22	12	14	20	26	11			23	100%
Summary Metrics													Year to Date Monthly Average		
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	33	34	32	34	32	33	33	32	33	31	33			33	
Average Issued Red Seconds	1.5	1.0	1.6	1.9	1.8	2.0	1.0	2.0	1.3	1.8	2.0			2	
Citation / Violation Issuance Rate	20%	14%	0%	14%	67%	56%	62%	55%	58%	56%	60%			46%	
Controllable Issuance Rate	82%	75%	0%	74%	97%	88%	93%	91%	89%	87%	92%			87%	



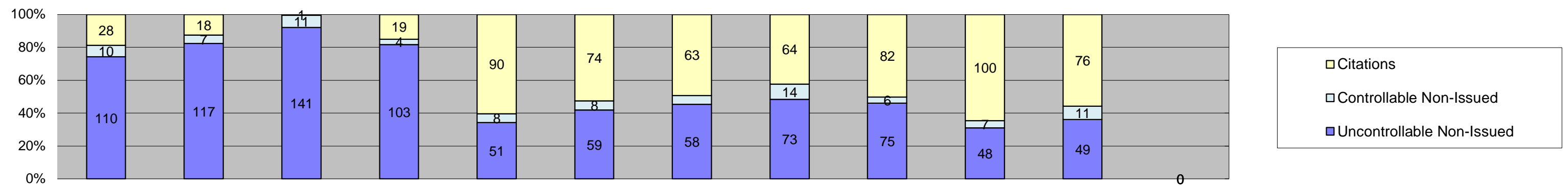
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1385: WB to NB Lindley Ave @ Oxnard St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	351	277	333	350	379	452	284	440	532	673	238		394	100%
Violations	39	50	49	43	41	62	48	82	68	66	51		54	100%
Total:	390	327	382	393	420	514	332	522	600	739	289		446	100%
Violations														
Uncontrollable Non-Issued	15	13	13	13	12	27	16	29	23	16	12		17	32%
Controllable Non-Issued	3	10	13	11	16	17	6	24	14	15	9		13	23%
Citations	21	27	23	19	13	18	26	29	31	35	30		25	45%
Total:	39	50	49	43	41	62	48	82	68	66	51		54	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	0	0	1	0	0	0	0	0		1	0%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	254	194	249	272	286	358	196	359	440	585	145		303	77%
Rear Axle Activation	0	0	1	0	0	0	0	0	0	0	0		1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	97	83	83	78	93	93	88	81	92	88	93		88	22%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	351	277	333	350	379	452	284	440	532	673	238		394	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	0	1	0	1		1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	1	2	1	0	0	0	1	1	1	0	0		1	4%
Driver Obstructed	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%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0		0	0%
Glare on Plate	0	0	0	1	0	1	1	1	0	0	0		1	4%
Glare on Windshield	0	0	1	0	3	1	1	0	2	0	1		2	5%
Illegible Plate	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%
Image Quality- PD	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%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	10	6	10	12	8	21	9	14	9	8	9		11	38%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	2	1	0	0	0	0	1	0	2	0	0		2	5%
Out of State	0	2	0	0	1	2	0	2	0	0	1		2	6%
Plate Obstructed	0	1	0	0	0	0	0	1	1	0	0		1	4%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	1	0	6	0		4	13%
TSB No Hit	2	0	1	0	0	2	3	9	7	2	0		4	13%
Total:	15	13	13	13	12	27	16	29	23	16	12		28	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	3	10	12	11	16	17	6	24	13	15	9		12	93%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	1	0	0	0	0	0	1	0	0		1	7%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	3	10	13	11	16	17	6	24	14	15	9		13	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	14	14	15	15	14	13	14	15	15	15	15		14	
Average Issued Red Seconds	68.4	48.6	43.0	67.3	47.6	70.7	41.0	43.2	35.5	50.4	47.3		51	
Citation / Violation Issuance Rate	54%	54%	47%	44%	32%	29%	54%	35%	46%	53%	59%		46%	
Controllable Issuance Rate	88%	73%	64%	63%	45%	51%	81%	55%	69%	70%	77%		67%	



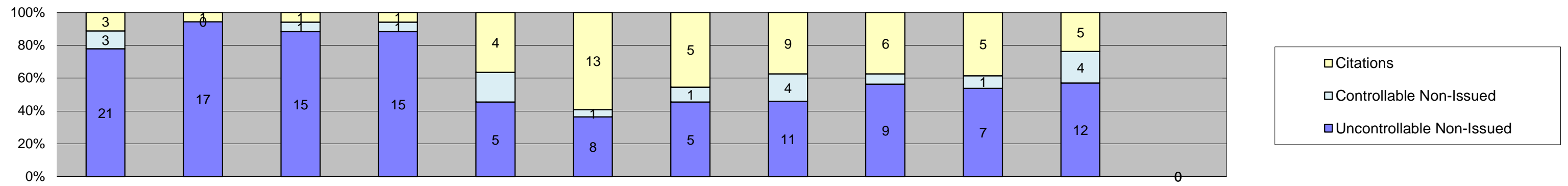
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1391: NB Reseda Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	187	140	181	156	159	145	169	171	155	153	160		161	53%
Violations	148	142	153	126	149	141	128	151	163	155	136		145	47%
Total:	335	282	334	282	308	286	297	322	318	308	296		306	100%
Violations														
Uncontrollable Non-Issued	110	117	141	103	51	59	58	73	75	48	49		80	56%
Controllable Non-Issued	10	7	11	4	8	8	7	14	6	7	11		8	6%
Citations	28	18	1	19	90	74	63	64	82	100	76		56	39%
Total:	148	142	153	126	149	141	128	151	163	155	136		145	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	5	5	5	8	4	6	3	4	6	5		5	3%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	26	20	43	27	26	16	26	44	32	20	31		28	17%
Rear Axle Activation	1	3	4	1	2	3	0	0	0	0	2		2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	1	0	0	0		1	1%
Test Shot	156	112	129	123	123	122	137	123	119	127	122		127	78%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	187	140	181	156	159	145	169	171	155	153	160		163	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	0	1	5	2	3	1	7	5	3	4		3	2%
Conditions Beyond Control	1	3	1	2	0	0	0	0	0	0	0		2	1%
Driver Identity Unclear	0	0	0	0	0	1	2	2	9	3	4		4	3%
Driver Obstructed	1	3	0	2	0	0	0	1	3	6	4		3	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	2	0	0		2	1%
Glare on Plate	1	1	0	0	0	0	0	0	0	0	0		1	1%
Glare on Windshield	4	7	6	5	12	7	9	6	12	4	8		7	5%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0		0	0%
Interest of Justice- PD	0	0	1	0	0	0	0	0	0	0	0		1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	67	64	90	61	0	0	0	0	0	0	0		71	51%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	20	35	31	22	31	22	21	29	20	27	27		26	19%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	0	0	0	1	0	0	0	1	1	0		1	1%
Out of State	4	2	3	1	2	1	2	1	1	2	1		2	1%
Plate Obstructed	8	2	0	4	3	1	3	2	2	0	1		3	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	8	1	0	24	20	25	20	2	0		13	9%
Total:	110	117	141	103	51	59	58	73	75	48	49		138	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	2	1	7	2	0	3	0	0	1		3	15%
Data Box Related- PD	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%
Data Entry Error	5	6	7	0	0	5	2	11	0	0	0		6	33%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	1	0	0	0	0	0	4	0	4	4	7		4	22%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	2	1	1	3	1	1	1	0	1	3	2		2	9%
Framing of Driver	0	0	1	0	0	0	0	0	0	0	0		1	5%
Operator Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Plate	0	0	0	0	0	0	0	0	1	0	1		1	5%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
Speed Not Determined	2	0	0	0	0	0	0	0	0	0	0		2	11%
Total:	10	7	11	4	8	8	7	14	6	7	11		18	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	19	19	19	19	19	18	19	19	19	19	19		19	
Average Issued Red Seconds	3.5	4.3	3.3	3.3	3.0	3.4	4.2	2.5	4.0	3.5	3.8		4	
Citation / Violation Issuance Rate	19%	13%	1%	15%	60%	52%	49%	42%	50%	65%	56%		38%	
Controllable Issuance Rate	74%	72%	8%	83%	92%	90%	90%	82%	93%	93%	87%		79%	



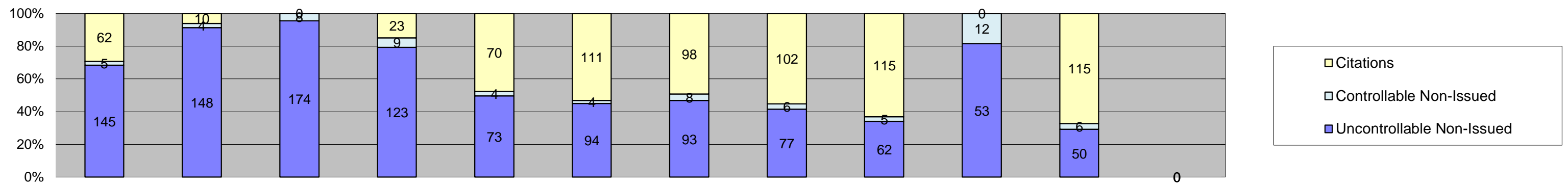
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1392: SB Reseda Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	135	117	141	127	131	131	137	138	134	128	130		132	88%
Violations	27	18	17	17	11	22	11	24	16	13	21		18	12%
Total:	162	135	158	144	142	153	148	162	150	141	151		150	100%
Violations														
Uncontrollable Non-Issued	21	17	15	15	5	8	5	11	9	7	12		11	63%
Controllable Non-Issued	3	0	1	1	2	1	1	4	1	1	4		2	11%
Citations	3	1	1	1	4	13	5	9	6	5	5		5	27%
Total:	27	18	17	17	11	22	11	24	16	13	21		18	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	0	0	0	0	0	2	0	0	1	1		2	1%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	4	1	6	1	0	5	2	5	4	1	2		3	2%
Rear Axle Activation	0	1	0	1	1	0	0	0	0	0	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	129	115	135	125	130	126	133	133	130	126	127		128	96%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	135	117	141	127	131	131	137	138	134	128	130		134	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	3	1	0	1	2	1	3	2	1	1	2		2	6%
Conditions Beyond Control	0	0	0	1	0	0	0	0	0	0	0		1	4%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0	0	0		1	4%
Driver Obstructed	0	0	0	1	0	0	0	0	1	0	0		1	4%
Exposed	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%
Glare on Plate	4	3	0	0	0	0	0	0	0	0	6		4	15%
Glare on Windshield	0	0	0	1	0	0	0	0	0	0	0		1	4%
Illegible Plate	0	0	0	0	0	0	0	0	1	0	0		1	4%
Interest of Justice- PD	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%
Issuance Criteria Not Met- PD	12	7	9	7	0	0	0	0	0	0	0		9	31%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	2	6	4	3	3	2	0	6	5	6	3		4	14%
No Speed Captured	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%
Out of State	0	0	0	1	0	0	0	0	0	0	1		1	4%
Plate Obstructed	0	0	0	0	0	1	0	0	0	0	0		1	4%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	0	0	2	0	0	4	2	2	1	0	0		2	8%
Total:	21	17	15	15	5	8	5	11	9	7	12		28	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	1	0	0	0	1	1	0	1	0	1	0		1	22%
Exposed	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	22%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	1	0	0	1	1	0	1	3	1	0	3		2	34%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	1	0	1	0	0	0	0	0	0	0	0		1	22%
Total:	3	0	1	1	2	1	1	4	1	1	4		5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	17	17	18	18	19	17	17	17	18	18	18		18	
Average Issued Red Seconds	14.9	16.2	12.3	16.5	21.6	16.3	17.8	18.4	16.3	9.8	21.5		17	
Citation / Violation Issuance Rate	11%	6%	6%	6%	36%	59%	45%	38%	38%	38%	24%		28%	
Controllable Issuance Rate	50%	100%	50%	50%	67%	93%	83%	69%	86%	83%	56%		72%	



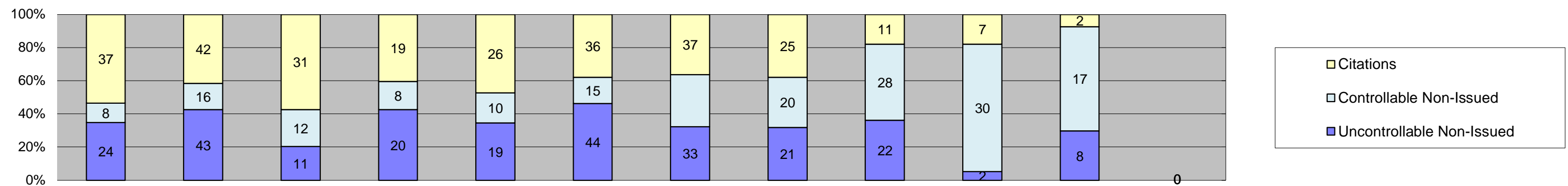
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1402: SB Mason Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	165	160	159	156	166	156	135	158	193	267	145			169	50%
Violations	212	162	182	155	147	209	199	185	182	65	171			170	50%
Total:	377	322	341	311	313	365	334	343	375	332	316			339	100%
Violations															
Uncontrollable Non-Issued	145	148	174	123	73	94	93	77	62	53	50			99	54%
Controllable Non-Issued	5	4	8	9	4	4	8	6	5	12	6			6	4%
Citations	62	10	0	23	70	111	98	102	115	0	115			78	43%
Total:	212	162	182	155	147	209	199	185	182	143	171			184	100%
Non-Violations															
Emergency Vehicle Non-Issuable	1	3	1	2	1	2	1	1	1	1	1			1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	1			1	1%
Intersection Control in Progress- PD	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%
No Violation Occurred	44	46	37	48	48	35	26	30	59	133	29			49	28%
Rear Axle Activation	2	6	5	4	5	2	0	0	0	0	0			4	2%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0			0	0%
Test Shot	118	105	116	102	112	117	108	127	133	133	114			117	68%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	165	160	159	156	166	156	135	158	193	267	145			172	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	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%
Car Obstructed	0	1	0	0	0	0	0	0	0	0	0			1	1%
Conditions Beyond Control	6	4	7	4	0	0	0	0	0	0	0			5	3%
Driver Identity Unclear	0	0	0	1	1	3	2	4	0	0	0			2	1%
Driver Obstructed	1	1	3	0	3	2	2	2	1	1	0			2	1%
Exposed	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%
Glare on Plate	0	0	0	0	0	0	0	0	0	1	0			1	1%
Glare on Windshield	2	4	13	8	23	21	14	5	0	0	0			11	6%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	92	99	101	70	0	0	0	0	0	0	0			91	52%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	32	38	39	31	42	48	51	44	28	44	42			40	23%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	2	2	0			2	1%
Out of State	5	1	2	4	4	1	2	3	5	5	7			4	2%
Plate Obstructed	0	0	0	1	0	1	0	0	3	0	1			2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0			0	0%
TSB No Hit	7	0	9	4	0	18	21	19	23	0	0			14	8%
Total:	145	148	174	123	73	94	93	77	62	53	50			174	100%
Controllable Non-Issued Violations															
Conduent Expire	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%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	5	2	7	8	3	3	7	4	0	6	0			5	52%
Exposed	0	0	0	0	0	0	0	0	0	0	0			0	0%
Equipment Malfunction	0	0	0	0	0	0	1	1	5	5	5			3	36%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Framing of Car	0	2	1	1	1	1	0	1	0	1	1			1	12%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0			0	0%
Total:	5	4	8	9	4	4	8	6	5	12	6			10	100%
Summary Metrics													Year to Date Monthly Average		
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	20	20	20	20	19	19	19	20	20	20	20			20	
Average Issued Red Seconds	48.6	41.2	41.2	35.4	63.3	32.4	37.7	36.7	42.2	25.6	38.5			40	
Citation / Violation Issuance Rate	29%	6%	0%	15%	48%	53%	49%	55%	63%	0%	67%			43%	
Controllable Issuance Rate	93%	71%	0%	72%	95%	97%	92%	94%	96%	0%	95%			89%	



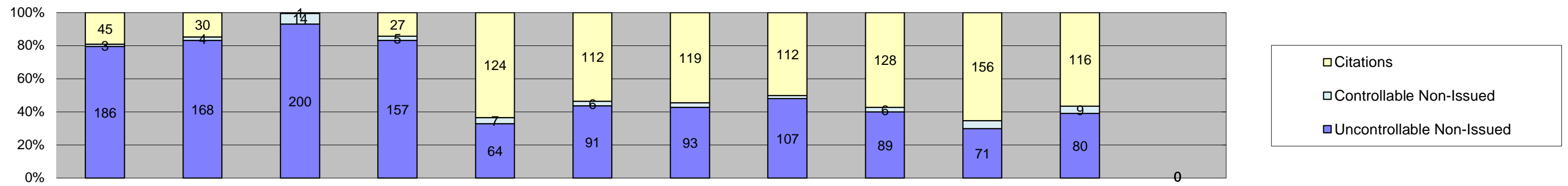
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1405: WB to NB Mason Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	541	617	539	556	512	860	998	953	948	1,048	860		767	92%
Violations	69	101	54	47	55	95	102	66	61	39	27		65	8%
Total:	610	718	593	603	567	955	1,100	1,019	1,009	1,087	887		832	100%
Violations														
Uncontrollable Non-Issued	24	43	11	20	19	44	33	21	22	2	8		22	34%
Controllable Non-Issued	8	16	12	8	10	15	32	20	28	30	17		18	27%
Citations	37	42	31	19	26	36	37	25	11	7	2		25	38%
Total:	69	101	54	47	55	95	102	66	61	39	27		65	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	0	1	0	0	1	0	0	1		1	0%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	419	509	412	436	385	738	871	826	824	931	749		645	84%
Rear Axle Activation	0	0	0	1	0	0	0	0	0	0	0		1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	122	107	127	119	126	122	127	126	124	117	110		121	16%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	541	617	539	556	512	860	998	953	948	1,048	860		768	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	2	0	0	0	1	0	1	0	0	0		1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	5	6	1	0	0	0	0	1	4	0	0		3	8%
Driver Obstructed	0	0	1	0	0	2	1	1	1	0	0		1	3%
Exposed	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%
Glare on Plate	0	0	0	0	0	0	1	0	0	0	0		1	2%
Glare on Windshield	1	4	2	0	0	8	3	2	2	2	0		3	7%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0		0	0%
Interest of Justice- PD	1	1	0	0	0	0	0	0	0	0	0		1	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	0	1	0	0	0	0	0	0	0	0	0		1	2%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	12	25	6	18	17	23	17	9	4	0	4		14	34%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	1	0	1	0	0	0	0	0	0	0		1	2%
Out of State	2	3	0	0	2	1	2	0	4	0	0		2	6%
Plate Obstructed	2	0	0	0	0	1	0	0	1	0	0		1	3%
Short Yellow- PD	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	4		4	10%
TSB Expired	0	0	0	0	0	0	0	2	2	0	0		2	5%
TSB No Hit	1	0	1	1	0	8	9	5	4	0	0		4	10%
Total:	24	43	11	20	19	44	33	21	22	2	8		40	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	1	0	0	0	0	1	0	0	0		1	4%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Data Box Data Error- PD	0	1	0	0	0	0	0	0	0	0	0		1	4%
Data Entry Error	7	14	11	8	10	14	30	19	26	30	17		17	75%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	1	0	0	0	0	2	0	2	0	0		2	7%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	1	0	0	0	0	0	0	0	0	0	0		1	4%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	1	0	0	0	0	0		1	4%
Total:	8	16	12	8	10	15	32	20	28	30	17		23	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	17	17	16	15	17	16	17	17	16	19	0		17	
Average Issued Red Seconds	13.1	12.9	9.6	10.4	9.6	12.9	13.0	16.3	14.1	21.8	0.0		13	
Citation / Violation Issuance Rate	54%	42%	57%	40%	47%	38%	36%	38%	18%	18%	7%		36%	
Controllable Issuance Rate	82%	72%	72%	70%	72%	71%	54%	56%	28%	19%	11%		55%	



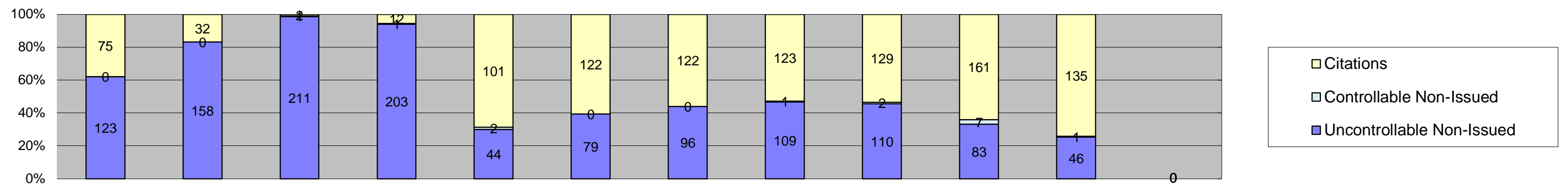
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1412: SB De Soto Ave @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	186	153	170	186	185	173	171	192	173	177	178		177	45%
Violations	234	202	215	189	195	209	218	223	223	239	205		214	55%
Total:	420	355	385	375	380	382	389	415	396	416	383		391	100%
Violations														
Uncontrollable Non-Issued	186	168	200	157	64	91	93	107	89	71	80		119	56%
Controllable Non-Issued	3	4	14	5	7	6	6	4	6	12	9		7	3%
Citations	45	30	1	27	124	112	119	112	128	156	116		88	41%
Total:	234	202	215	189	195	209	218	223	223	239	205		214	100%
Non-Violations														
Emergency Vehicle Non-Issuable	17	12	16	14	16	12	19	17	15	17	21		16	9%
Emergency Vehicle PD	0	0	0	0	0	0	1	0	0	0	1		1	1%
Intersection Control in Progress-PD	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%
No Violation Occurred	46	33	31	53	36	35	27	45	38	43	37		39	22%
Rear Axle Activation	3	4	8	3	5	6	1	0	0	0	3		4	2%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	120	104	115	116	128	120	123	130	120	117	116		119	67%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	186	153	170	186	185	173	171	192	173	177	178		179	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	3	0	0	2	1	4	4	2	3	2		3	1%
Conditions Beyond Control	2	2	10	6	0	0	0	0	0	0	0		5	2%
Driver Identity Unclear	0	0	0	0	0	0	1	0	2	0	0		2	1%
Driver Obstructed	2	4	0	2	4	6	1	3	2	6	3		3	2%
Exposed	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		1	0%
Glare on Plate	2	2	0	0	0	0	0	1	0	0	2		2	1%
Glare on Windshield	1	0	0	0	0	0	0	2	0	0	1		1	1%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	112	118	130	97	0	0	0	0	0	0	0		114	56%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	52	34	40	40	53	45	51	47	54	52	63		48	24%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	0	1	0	0	1	1	1	0	3	1	2		1	1%
Out of State	6	1	4	5	2	6	8	7	5	4	5		5	2%
Plate Obstructed	1	3	2	0	2	2	1	1	1	1	1		2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	8	0	14	7	0	30	26	42	19	4	1		17	8%
Total:	186	168	200	157	64	91	93	107	89	71	80		204	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	1	0	1	0	0	1	0	0	0	0		1	8%
Data Box Related- PD	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%
Data Entry Error	3	2	7	4	6	5	4	3	1	4	0		4	31%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	0	7	0	0	0	0	0	3	8	7		6	50%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	1	0	0	1	1	1	1	2	0	2		1	10%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	3	4	14	5	7	6	6	4	6	12	9		12	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	28	28	29	30	29	28	30	30	29	29	29		29	
Average Issued Red Seconds	4.9	4.1	4.1	1.8	4.0	7.0	4.3	4.5	3.1	4.1	2.9		4	
Citation / Violation Issuance Rate	19%	15%	0%	14%	64%	54%	55%	50%	57%	65%	57%		41%	
Controllable Issuance Rate	94%	88%	7%	84%	95%	95%	95%	97%	96%	93%	93%		85%	



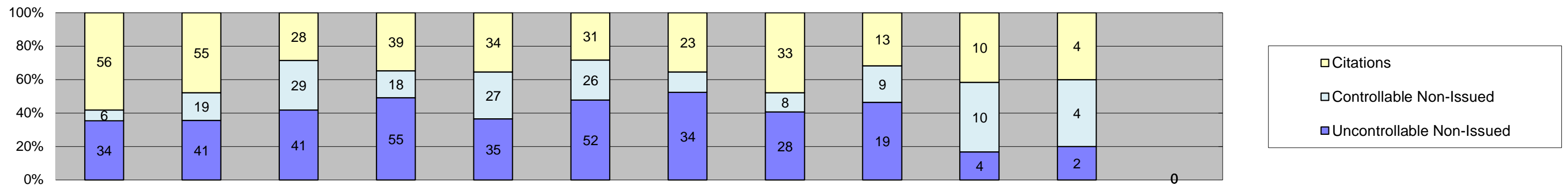
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1414: WB Van Owen St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	207	139	175	174	181	177	187	159	183	180	145		173	45%
Violations	198	190	214	216	147	201	218	233	241	251	182		208	55%
Total:	405	329	389	390	328	378	405	392	424	431	327		382	100%
Violations														
Uncontrollable Non-Issued	123	158	211	203	44	79	96	109	110	83	46		115	55%
Controllable Non-Issued	0	0	1	1	2	0	0	1	2	7	1		2	1%
Citations	75	32	2	12	101	122	122	123	129	161	135		92	44%
Total:	198	190	214	216	147	201	218	233	241	251	182		209	100%
Non-Violations														
Emergency Vehicle Non-Issuable	22	17	26	20	25	20	17	10	21	23	14		20	11%
Emergency Vehicle PD	0	0	0	0	0	0	3	0	0	1	0		2	1%
Intersection Control in Progress-PD	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%
No Violation Occurred	128	73	87	86	99	100	105	86	100	101	75		95	54%
Rear Axle Activation	0	1	0	0	0	0	0	0	0	0	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	57	48	62	68	57	57	62	63	62	55	56		59	33%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	207	139	175	174	181	177	187	159	183	180	145		176	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	3	2	7	0	1	1	0	3	2	0		3	1%
Conditions Beyond Control	0	2	2	11	0	0	0	0	0	0	0		5	3%
Driver Identity Unclear	0	0	0	1	0	3	1	2	4	3	3		2	1%
Driver Obstructed	2	1	4	2	0	3	1	4	0	2	1		2	1%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	1	0	1	1	1	0	6	1	2	0	2		2	1%
Glare on Plate	1	0	0	0	1	0	0	0	1	0	0		1	1%
Glare on Windshield	0	0	6	9	6	8	6	10	22	16	2		9	5%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	83	116	144	134	0	0	0	0	0	3	0		96	53%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	18	29	28	24	25	9	46	33	23	39	28		27	15%
No Speed Captured	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	0	2	0		2	1%
Out of State	9	6	8	7	11	12	6	11	12	9	7		9	5%
Plate Obstructed	2	1	0	0	0	0	0	0	0	1	2		2	1%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	1	0		1	1%
TSB No Hit	5	0	16	7	0	43	29	48	43	5	1		22	12%
Total:	123	158	211	203	44	79	96	109	110	83	46		183	100%
Controllable Non-Issued Violations														
Conduent Expire	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	4	1		3	34%
Clarity of Driver	0	0	0	0	2	0	0	0	0	0	0		2	28%
Dark Interior	0	0	0	1	0	0	0	1	2	3	0		2	24%
Data Box Related- PD	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%
Data Entry Error	0	0	1	0	0	0	0	0	0	0	0		1	14%
Exposed	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%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	0	0	1	1	2	0	0	1	2	7	1		7	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	30	28	30	28	27	30	30	31	28	28	29		29	
Average Issued Red Seconds	2.8	2.9	2.0	1.6	2.2	1.4	3.0	2.7	12.1	1.5	0.7		3	
Citation / Violation Issuance Rate	38%	17%	1%	6%	69%	61%	56%	53%	54%	64%	74%		45%	
Controllable Issuance Rate	100%	100%	67%	92%	98%	100%	100%	99%	98%	96%	99%		95%	



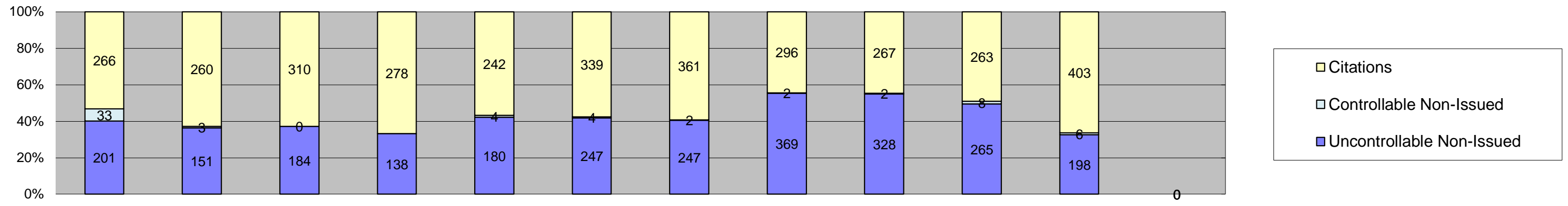
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1415: WB to NB De Soto Ave @ Victory Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	252	263	323	307	323	289	333	370	347	401	362		325	81%
Violations	96	115	98	112	96	109	65	69	41	24	10		76	19%
Total:	348	378	421	419	419	398	398	439	388	425	372		400	100%
Violations														
Uncontrollable Non-Issued	34	41	41	55	35	52	34	28	19	4	2		31	41%
Controllable Non-Issued	6	19	29	18	27	26	8	8	9	10	4		15	20%
Citations	56	55	28	39	34	31	23	33	13	10	4		30	39%
Total:	96	115	98	112	96	109	65	69	41	24	10		76	100%
Non-Violations														
Emergency Vehicle Non-Issuable	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%
Intersection Control in Progress- PD	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%
No Violation Occurred	139	164	218	204	204	180	228	252	240	290	250		215	66%
Rear Axle Activation	0	1	2	0	3	1	0	0	0	0	0		2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	112	98	103	103	116	108	105	118	107	111	112		108	33%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	252	263	323	307	323	289	333	370	347	401	362		327	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	1	1	0	1	1	1	0	1	0	1		1	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	2	9	0	2	1	0	0	1	2	0	1		3	5%
Driver Obstructed	0	1	0	0	2	3	2	0	0	0	0		2	4%
Exposed	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%
Glare on Plate	0	0	1	3	0	0	0	3	0	0	0		2	5%
Glare on Windshield	0	1	6	7	9	12	4	3	0	1	0		5	11%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0		0	0%
Interest of Justice- PD	2	0	0	0	0	0	0	0	0	0	0		2	4%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	0	3	0	0	0	0	0	0	0	0	0		3	6%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	20	20	24	38	21	29	19	13	9	1	0		19	41%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	2	2	2	1	0	0	0	0	1	0	0		2	3%
Out of State	2	4	3	3	0	1	1	4	3	1	0		2	5%
Plate Obstructed	1	0	1	0	1	0	0	0	0	0	0		1	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	1	0	0	0		1	2%
TSB No Hit	5	0	3	1	0	6	7	3	3	1	0		4	8%
Total:	34	41	41	55	35	52	34	28	19	4	2		47	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	0	0	1	0	0	0	0	0		1	6%
Data Box Related- PD	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%
Data Entry Error	6	18	29	18	27	24	6	7	9	9	4		14	83%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Equipment Malfunction	0	1	0	0	0	1	1	1	0	1	0		1	6%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	0	0	1	0	0	0	0		1	6%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	6	19	29	18	27	26	8	8	9	10	4		17	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	15	15	14	14	15	15	15	15	15	14	18		15	
Average Issued Red Seconds	14.1	11.8	11.1	13.2	12.4	12.8	11.4	8.0	15.4	8.7	1.1		11	
Citation / Violation Issuance Rate	58%	48%	29%	35%	35%	28%	35%	48%	32%	42%	40%		39%	
Controllable Issuance Rate	90%	74%	49%	68%	56%	54%	74%	80%	59%	50%	50%		64%	



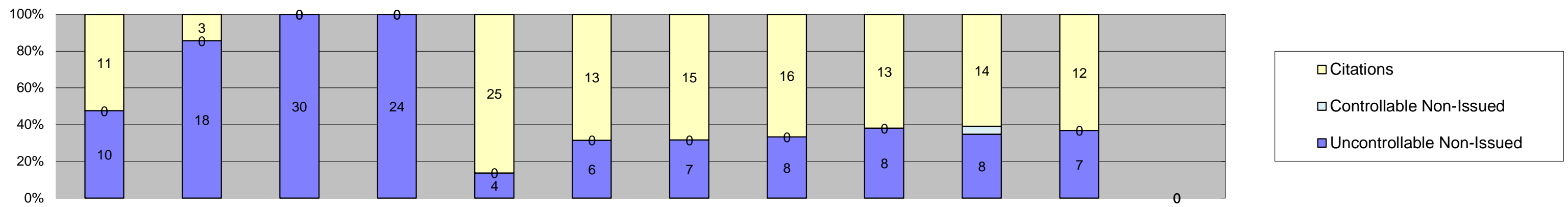
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1419: NB to EB Canoga Ave @ Vanowen St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	572	479	641	625	626	662	686	708	682	759	714		650	55%
Violations	500	414	494	416	426	590	610	667	597	536	607		532	45%
Total:	1,072	893	1,135	1,041	1,052	1,252	1,296	1,375	1,279	1,295	1,321		1,183	100%
Violations														
Uncontrollable Non-Issued	201	151	184	138	180	247	247	369	328	265	198		228	43%
Controllable Non-Issued	33	3	0	0	4	4	2	2	2	8	6		7	1%
Citations	266	260	310	278	242	339	361	296	267	263	403		299	56%
Total:	500	414	494	416	426	590	610	667	597	536	607		534	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	2	0	0	2	1	1	1	0	1		1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Intersection Control in Progress- PD	0	0	1	0	0	0	0	0	0	0	0		1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	571	479	636	623	626	660	684	705	681	759	712		649	99%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activation	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%
Vehicle Stopped- PD	0	0	2	2	0	0	1	2	0	0	1		2	0%
Total:	572	479	641	625	626	662	686	708	682	759	714		653	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0		0	0%
Address/CDL/DOB Match Fail	0	0	0	0	1	1	0	0	0	0	0		1	0%
Car Obstructed	2	0	0	0	3	1	0	0	2	1	1		2	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	12	21	4	2	0	4	4	1	3	10	0		7	3%
Driver Obstructed	4	2	5	3	7	5	5	8	5	8	4		5	2%
Exposed	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		1	0%
Glare on Plate	3	8	3	3	6	11	10	12	14	19	11		9	4%
Glare on Windshield	0	1	0	1	0	0	1	0	2	1	0		1	0%
Illegible Plate	0	0	1	0	1	0	0	0	0	0	0		1	0%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0	0	0		1	0%
Image Quality- PD	0	0	0	0	1	1	4	0	0	0	2		2	1%
Issuance Criteria Not Met- PD	0	0	2	1	0	0	0	0	0	0	1		1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	117	78	96	85	115	99	115	159	141	141	127		116	46%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	32	31	26	22	28	37	28	35	27	15	23		28	11%
Out of State	18	9	16	13	16	21	13	34	13	13	20		17	7%
Plate Obstructed	2	0	0	0	2	1	2	2	3	2	3		2	1%
Short Yellow- PD	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%
TSB Expired	1	0	0	0	0	1	4	23	48	47	3		18	7%
TSB No Hit	10	0	31	8	0	65	61	94	70	8	3		39	16%
Total:	201	151	184	138	180	247	247	369	328	265	198		251	100%
Controllable Non-Issued Violations														
Conduent Expire	31	0	0	0	0	0	0	0	0	0	1		16	62%
Clarity of Plate	0	0	0	0	0	2	1	0	0	2	2		2	7%
Clarity of Driver	0	0	0	0	1	0	0	0	0	0	0		1	4%
Dark Interior	1	0	0	0	0	1	1	0	0	1	1		1	4%
Data Box Related- PD	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%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Exposed	0	0	0	0	2	0	0	2	2	5	1		2	9%
Equipment Malfunction	0	2	0	0	0	1	0	0	0	0	0		2	6%
Framing- PD	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%
Framing of Driver	1	0	0	0	1	0	0	0	0	0	1		1	4%
Operator Error	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		1	4%
Reject Expired	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%
Total:	33	3	0	0	4	4	2	2	2	8	6		26	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	13	13	12	13	12	11	12	12	16	12	12		13	
Average Issued Red Seconds	19.4	16.1	17.1	13.9	14.6	15.5	16.0	16.2	15.3	15.8	15.7		16	
Citation / Violation Issuance Rate	53%	63%	63%	67%	57%	57%	59%	44%	45%	49%	66%		57%	
Controllable Issuance Rate	89%	99%	100%	100%	98%	99%	99%	99%	99%	97%	99%		98%	



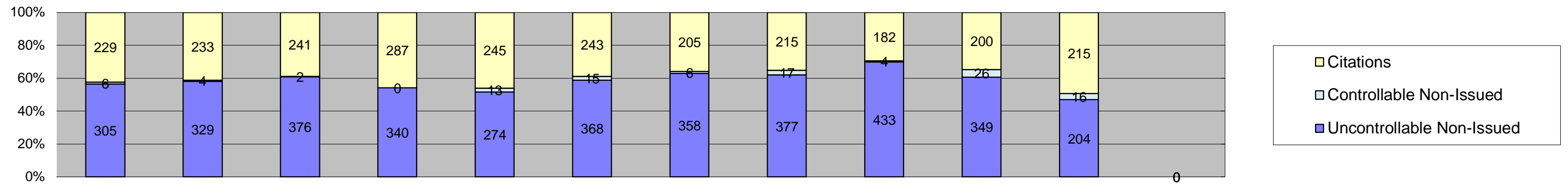
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1424: WB Sherman Way @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	91	70	95	94	81	87	77	85	78	79	80		83	78%
Violations	21	21	30	24	29	19	22	24	21	23	19		23	22%
Total:	112	91	125	118	110	106	99	109	99	102	99		106	100%
Violations														
Uncontrollable Non-Issued	10	18	30	24	4	6	7	8	8	8	7		12	45%
Controllable Non-Issued	0	0	0	0	0	0	0	0	0	1	0		1	4%
Citations	11	3	0	0	25	13	15	16	13	14	12		14	51%
Total:	21	21	30	24	29	19	22	24	21	23	19		26	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	1	4	5	6	1	5	4	3	4	1		3	4%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	36	22	32	38	18	33	21	27	21	20	22		26	32%
Rear Axle Activation	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%
Test Shot	52	47	59	51	57	53	51	54	54	55	57		54	64%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	91	70	95	94	81	87	77	85	78	79	80		83	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Conditions Beyond Control	0	2	0	0	0	0	0	0	0	0	0		2	7%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Obstructed	0	0	0	0	0	0	1	0	0	0	0		1	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	0	0	1	0		1	3%
Glare on Plate	0	1	0	0	0	0	0	0	0	0	0		1	3%
Glare on Windshield	0	1	1	0	0	0	0	2	3	2	2		2	6%
Illegible Plate	0	0	0	0	1	0	0	0	0	0	0		1	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	6	13	15	19	0	0	0	0	0	0	0		13	45%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	1	0	6	2	0	1	3	1	1	3	3		2	8%
No Speed Captured	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%
Out of State	1	1	0	2	2	1	0	0	0	2	1		1	5%
Plate Obstructed	0	0	0	1	1	0	0	0	0	0	0		1	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	2	0	8	0	0	3	3	5	4	0	1		4	13%
Total:	10	18	30	24	4	6	7	8	8	8	7		30	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	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		1	100%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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%
Reject Expired	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%
Total:	0	0	0	0	0	0	0	0	0	1	0		1	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	19	20	17	23	17	19	17	21	19	19	18		19	
Average Issued Red Seconds	18.0	21.4	23.7	20.4	19.5	23.6	21.7	20.6	17.4	14.3	19.5		20	
Citation / Violation Issuance Rate	52%	14%	0%	0%	86%	68%	68%	67%	62%	61%	63%		60%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	100%	100%	100%	100%	93%	100%		99%	



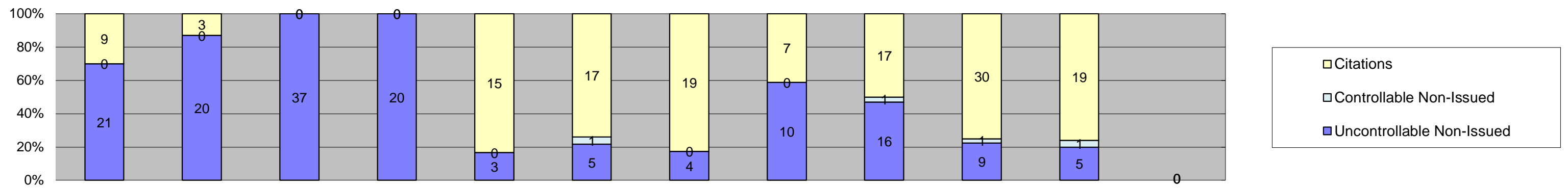
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1429: NB to EB Canoga Ave @ Sherman Way



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	953	889	1,073	1,149	1,117	1,019	966	1,127	1,014	1,164	838		1,028	64%
Violations	540	566	619	627	532	626	569	609	619	575	435		574	36%
Total:	1,493	1,455	1,692	1,776	1,649	1,645	1,535	1,736	1,633	1,739	1,273		1,602	100%
Violations														
Uncontrollable Non-Issued	305	329	376	340	274	368	358	377	433	349	204		338	59%
Controllable Non-Issued	6	4	2	0	13	15	6	17	4	26	16		11	2%
Citations	229	233	241	287	245	243	205	215	182	200	215		227	39%
Total:	540	566	619	627	532	626	569	609	619	575	435		575	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	0	1	2	3	3	5	2	5	0	2		3	0%
Emergency Vehicle PD	0	0	1	1	1	1	0	0	0	0	2		1	0%
Intersection Control in Progress-PD	0	0	1	0	0	0	0	0	0	0	0		1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	944	885	1,060	1,142	1,108	1,015	953	1,120	1,005	1,163	833		1,021	99%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activation	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	1	1		1	0%
Vehicle Stopped- PD	5	4	10	4	5	0	8	5	4	0	0		6	1%
Total:	953	889	1,073	1,149	1,117	1,019	966	1,127	1,014	1,164	838		1,033	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	1	0	0	1	0	0	0		1	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0		1	0%
Car Obstructed	11	4	5	12	12	8	6	18	16	14	9		10	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	21	17	14	5	5	8	2	3	4	6	1		8	2%
Driver Obstructed	21	19	16	29	19	20	16	17	27	19	15		20	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	1	0	0	0	0	0	0	0	0		1	0%
Glare on Plate	9	14	4	10	14	14	21	19	23	40	7		16	4%
Glare on Windshield	1	0	3	2	5	1	9	2	3	0	1		3	1%
Illegible Plate	0	1	4	0	0	1	0	3	4	1	0		2	1%
Interest of Justice- PD	1	1	0	0	0	0	0	0	0	0	0		1	0%
Image Quality- PD	1	2	0	3	3	0	0	0	0	0	0		2	1%
Issuance Criteria Not Met- PD	0	0	2	0	0	0	0	0	0	0	0		2	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	102	111	112	123	102	116	119	118	127	119	91		113	30%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	104	135	131	114	88	102	95	78	85	62	58		96	26%
Out of State	14	15	27	9	18	15	11	15	19	13	8		15	4%
Plate Obstructed	7	10	8	13	7	8	10	7	9	21	5		10	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	11	51	37	5		26	7%
TSB No Hit	13	0	49	20	0	75	68	85	65	17	4		44	12%
Total:	305	329	376	340	274	368	358	377	433	349	204		370	100%
Controllable Non-Issued Violations														
Conduent Expire	3	0	0	0	0	0	0	1	0	0	0		2	8%
Clarity of Plate	0	0	0	0	3	5	2	3	0	9	8		5	20%
Clarity of Driver	0	0	0	0	0	3	0	0	0	0	0		3	12%
Dark Interior	2	4	0	0	2	0	0	1	0	0	1		2	8%
Data Box Related- PD	0	0	0	0	0	1	0	0	0	0	0		1	4%
Data Box Data Error- PD	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%
Exposed	0	0	0	0	7	4	0	10	4	10	7		7	28%
Equipment Malfunction	0	0	1	0	0	1	2	1	0	6	0		2	9%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	1	0	0	0	2	0	0	0	0		2	6%
Framing of Driver	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%
Framing of Plate	1	0	0	0	1	1	0	1	0	1	0		1	4%
Reject Expired	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%
Total:	6	4	2	0	13	15	6	17	4	26	16		25	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	13	13	14	14	15	13	13	13	13	13	13		13	
Average Issued Red Seconds	26.0	24.4	21.1	25.7	23.4	25.2	24.3	19.9	26.4	20.9	24.5		24	
Citation / Violation Issuance Rate	42%	41%	39%	46%	46%	39%	36%	35%	29%	35%	49%		40%	
Controllable Issuance Rate	97%	98%	99%	100%	95%	94%	97%	93%	98%	88%	93%		96%	



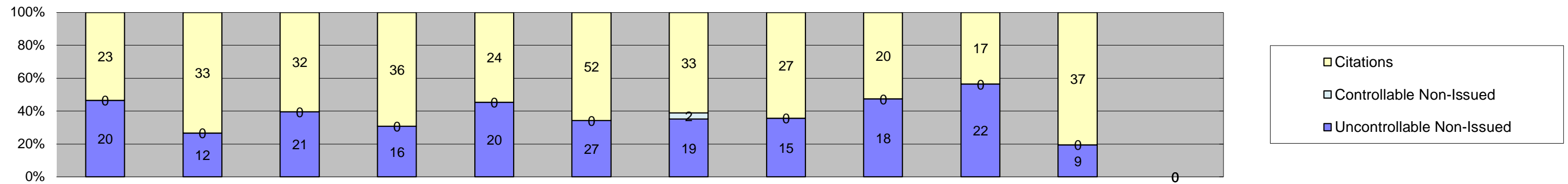
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1434: WB Valerio St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	152	202	105	93	94	88	90	108	101	89	98		111	81%
Violations	30	23	37	20	18	23	23	17	34	40	25		26	19%
Total:	182	225	142	113	112	111	113	125	135	129	123		137	100%
Violations														
Uncontrollable Non-Issued	21	20	37	20	3	5	4	10	16	9	5		14	46%
Controllable Non-Issued	0	0	0	0	0	1	0	0	1	1	1		1	3%
Citations	9	3	0	0	15	17	19	7	17	30	19		15	51%
Total:	30	23	37	20	18	23	23	17	34	40	25		30	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	0	1	0	0	1	0	0		1	1%
Emergency Vehicle PD	0	1	0	0	0	0	0	0	0	0	0		1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	101	148	49	39	38	33	32	45	46	32	36		54	48%
Rear Axle Activation	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%
Test Shot	50	52	56	54	56	54	58	63	54	57	62		56	49%
Train Activation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Amber Time Low	0	1	0	0	0	0	0	0	0	0	0		1	1%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	152	202	105	93	94	88	90	108	101	89	98		113	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	1	0	0	0	0	0	0	0	0	0	0		1	3%
Conditions Beyond Control	0	0	1	2	0	0	0	0	0	0	0		2	4%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Obstructed	0	0	0	0	0	0	0	0	1	0	0		1	3%
Exposed	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%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0		0	0%
Glare on Windshield	1	0	1	0	0	1	0	0	1	1	0		1	3%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	2	0		2	6%
Issuance Criteria Not Met- PD	15	16	32	13	0	0	0	0	0	0	0		19	54%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	1	3	2	4	3	0	1	2	3	3	4		3	7%
No Speed Captured	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%
Out of State	0	0	0	1	0	0	1	0	0	1	0		1	3%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1	1		1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Third Party Damage	0	1	0	0	0	0	0	0	0	0	0		1	3%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	1	0	0	4	2	8	11	1	0		4	12%
Total:	21	20	37	20	3	5	4	10	16	9	5		35	100%
Controllable Non-Issued Violations														
Conduent Expire	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	1		1	25%
Clarity of Driver	0	0	0	0	0	1	0	0	0	0	0		1	25%
Dark Interior	0	0	0	0	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%
Data Box Data Error- PD	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%
Exposed	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%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Car	0	0	0	0	0	0	0	0	1	0	0		1	25%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	0	0	0	0	0	1	0	0	1	1	1		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	
Average Issued Speed	25	24	24	24	27	23	21	24	25	25	25		24	
Average Issued Red Seconds	15.3	1.0	2.5	42.5	6.7	1.9	9.7	8.3	6.5	10.0	27.8		12	
Citation / Violation Issuance Rate	30%	13%	0%	0%	83%	74%	83%	41%	50%	75%	76%		58%	
Controllable Issuance Rate	100%	100%	0%	0%	100%	94%	100%	100%	94%	97%	95%		98%	



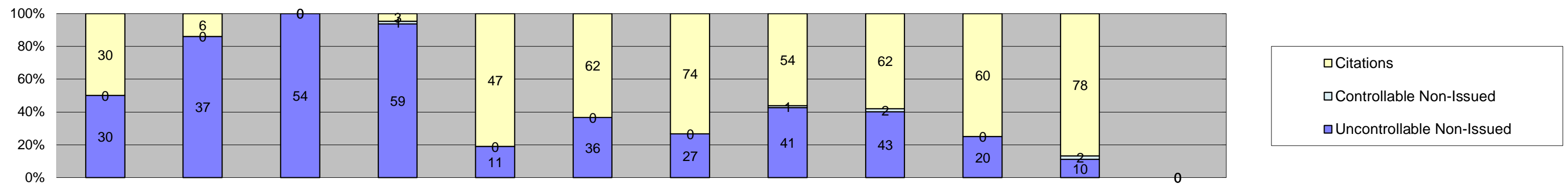
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1439: NB to EB Canoga Ave @ Valerio St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	30	31	38	44	34	38	30	31	29	37	23		33	41%
Violations	43	45	53	52	44	79	54	42	38	39	46		49	59%
Total:	73	76	91	96	78	117	84	73	67	76	69		82	100%
Violations														
Uncontrollable Non-Issued	20	12	21	16	20	27	19	15	18	22	9		18	36%
Controllable Non-Issued	0	0	0	0	0	0	2	0	0	0	0		2	4%
Citations	23	33	32	36	24	52	33	27	20	17	37		30	60%
Total:	43	45	53	52	44	79	54	42	38	39	46		50	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Intersection Control in Progress- PD	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%
No Violation Occurred	30	31	38	44	34	38	30	31	29	37	23		33	100%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	30	31	38	44	34	38	30	31	29	37	23		33	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	1	0		1	3%
Address/CDL/DOB Match Fail	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%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	3	1	0	0	0	0	1	1	0	1	0		1	4%
Driver Obstructed	0	0	0	1	0	1	1	1	0	0	0		1	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	1	0	0	0	0	0	0	0	0	0	0		1	3%
Glare on Plate	0	0	0	0	0	0	0	0	1	0	0		1	3%
Glare on Windshield	0	0	0	0	0	0	1	0	0	0	0		1	3%
Illegible Plate	0	0	0	0	1	0	0	0	0	0	0		1	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Issuance Criteria Not Met- PD	0	0	0	1	0	0	0	0	0	0	0		1	3%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	10	8	10	13	18	13	7	5	8	12	7		10	31%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	2	2	4	0	0	4	1	0	1	1	0		2	7%
Out of State	0	1	2	1	1	2	2	1	1	0	0		1	4%
Plate Obstructed	2	0	0	0	0	0	0	1	0	0	2		2	5%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	1	5	7	0		4	13%
TSB No Hit	2	0	5	0	0	7	6	5	2	0	0		5	14%
Total:	20	12	21	16	20	27	19	15	18	22	9		33	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0		0	0%
Clarity of Plate	0	0	0	0	0	0	2	0	0	0	0		2	100%
Clarity of Driver	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%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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%
Reject Expired	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%
Total:	0	0	0	0	0	0	2	0	0	0	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	
Average Issued Speed	9	10	10	11	11	10	11	11	11	11	12		11	
Average Issued Red Seconds	18.8	15.7	13.8	12.5	12.3	14.5	9.4	12.7	13.4	14.2	13.9		14	
Citation / Violation Issuance Rate	53%	73%	60%	69%	55%	66%	61%	64%	53%	44%	80%		62%	
Controllable Issuance Rate	100%	100%	100%	100%	100%	100%	94%	100%	100%	100%	100%		99%	



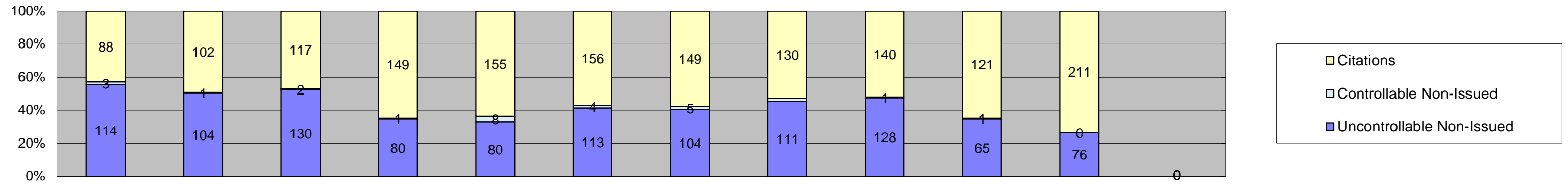
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1444: WB Saticoy St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	136	98	146	129	154	162	186	151	186	177	157		153	66%
Violations	60	43	54	63	58	98	101	96	107	80	90		77	34%
Total:	196	141	200	192	212	260	287	247	293	257	247		230	100%
Violations														
Uncontrollable Non-Issued	30	37	54	59	11	36	27	41	43	20	10		33	41%
Controllable Non-Issued	0	0	0	1	0	0	0	1	2	0	2		2	2%
Citations	30	6	0	3	47	62	74	54	62	60	78		48	58%
Total:	60	43	54	63	58	98	101	96	107	80	90		83	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	9	6	4	7	3	2	7	10	8		6	4%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	1	0	0		1	1%
Intersection Control in Progress- PD	0	0	1	0	0	0	0	0	0	0	0		1	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	81	51	80	71	95	106	131	94	124	114	95		95	61%
Rear Axle Activation	0	0	0	0	0	0	0	1	0	0	0		1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	51	45	56	52	55	49	52	54	54	53	54		52	34%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	136	98	146	129	154	162	186	151	186	177	157		156	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Conditions Beyond Control	0	0	1	1	0	0	0	0	0	0	0		1	2%
Driver Identity Unclear	0	0	0	0	0	0	0	0	1	2	0		2	2%
Driver Obstructed	1	0	1	0	0	1	0	4	1	0	1		2	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	0	1	0	0		1	2%
Glare on Plate	0	0	0	0	0	0	0	2	0	0	0		2	3%
Glare on Windshield	0	0	0	1	0	0	1	1	4	3	0		2	3%
Illegible Plate	0	0	1	0	0	0	0	0	0	0	0		1	2%
Interest of Justice- PD	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%
Issuance Criteria Not Met- PD	21	34	37	46	0	0	0	0	0	0	0		35	52%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	5	2	7	8	6	12	10	16	9	11	7		8	13%
No Speed Captured	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%
Out of State	0	1	0	2	5	2	1	2	9	2	1		3	4%
Plate Obstructed	0	0	2	0	0	0	1	0	0	0	0		2	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	5	1	0	20	14	16	18	2	1		9	13%
Total:	30	37	54	59	11	36	27	41	43	20	10		66	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	1	1	0	1		1	33%
Clarity of Plate	0	0	0	1	0	0	0	0	1	0	0		1	33%
Clarity of Driver	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		1	33%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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%
Reject Expired	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%
Total:	0	0	0	1	0	0	0	1	2	0	2		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	
Average Issued Speed	30	27	29	28	26	28	28	28	28	28	26		28	
Average Issued Red Seconds	5.3	3.3	4.0	5.8	7.8	5.5	6.9	6.4	7.1	4.0	7.2		6	
Citation / Violation Issuance Rate	50%	14%	0%	5%	81%	63%	73%	56%	58%	75%	87%		56%	
Controllable Issuance Rate	100%	100%	0%	75%	100%	100%	100%	98%	97%	100%	98%		97%	



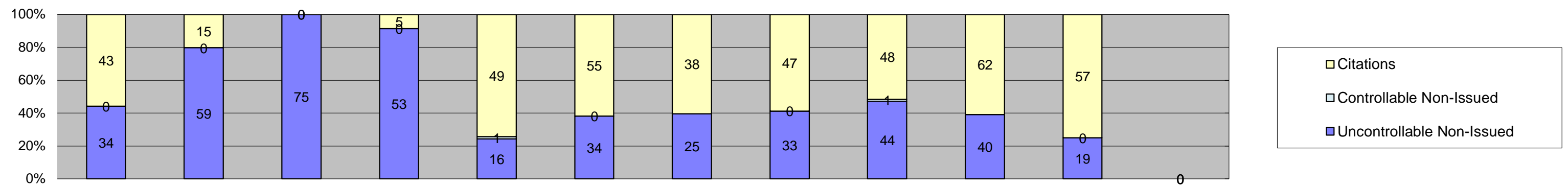
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1449: NB to EB Canoga Ave @ Saticoy St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	391	434	373	271	293	267	240	267	238	334	319		312	56%
Violations	205	207	249	230	243	273	258	246	269	187	287		241	44%
Total:	596	641	622	501	536	540	498	513	507	521	606		553	100%
Violations														
Uncontrollable Non-Issued	114	104	130	80	80	113	104	111	128	65	76		100	42%
Controllable Non-Issued	3	1	2	1	8	4	5	5	1	1	0		3	1%
Citations	88	102	117	149	155	156	149	130	140	121	211		138	57%
Total:	205	207	249	230	243	273	258	246	269	187	287		242	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	5	2	0	1	0	1	0	2	3		2	1%
Emergency Vehicle PD	0	3	1	0	0	3	1	2	0	0	0		2	1%
Intersection Control in Progress- PD	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%
No Violation Occurred	389	430	367	269	293	263	239	264	238	332	316		309	99%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	391	434	373	271	293	267	240	267	238	334	319		313	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	2	0	1	0	1	1	0	1	2	0	1		1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	20	17	27	8	5	3	4	0	5	1	1		9	8%
Driver Obstructed	3	2	2	1	3	1	6	3	1	1	0		2	2%
Exposed	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%
Glare on Plate	6	6	10	3	0	0	1	0	0	0	0		5	4%
Glare on Windshield	7	14	28	2	4	7	3	8	4	0	0		9	7%
Illegible Plate	0	0	0	0	1	0	0	0	0	0	0		1	1%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0	0	0		1	1%
Image Quality- PD	12	13	5	2	3	4	6	1	3	0	0		5	5%
Issuance Criteria Not Met- PD	0	0	2	0	1	0	0	0	0	0	1		1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	45	40	30	45	47	41	47	42	37	29	59		42	35%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	5	7	10	6	8	11	9	3	2	2	5		6	5%
Out of State	6	4	4	5	5	3	6	12	6	4	3		5	4%
Plate Obstructed	1	0	1	2	2	6	0	5	7	0	2		3	3%
Short Yellow- PD	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%
TSB Expired	1	0	0	0	0	0	0	6	29	24	1		12	10%
TSB No Hit	6	0	10	6	0	36	22	30	32	4	3		17	14%
Total:	114	104	130	80	80	113	104	111	128	65	76		121	100%
Controllable Non-Issued Violations														
Conduent Expire	2	0	0	0	0	0	0	0	0	0	0		2	18%
Clarity of Plate	0	0	0	0	3	0	1	1	0	0	0		2	15%
Clarity of Driver	0	0	0	0	3	1	0	0	0	0	0		2	18%
Dark Interior	0	1	1	0	2	3	2	4	1	0	0		2	18%
Data Box Related- PD	1	0	0	0	0	0	0	0	0	0	0		1	9%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Data Entry Error	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%
Equipment Malfunction	0	0	0	1	0	0	2	0	0	0	0		2	13%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	0	0	1	0	0	0	0	0	0	1	0		1	9%
Reject Expired	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%
Total:	3	1	2	1	8	4	5	5	1	1	0		11	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	11	11	11	11	11	11	11	11	11	11	11		11	
Average Issued Red Seconds	20.1	17.4	20.5	18.6	17.9	20.8	18.9	18.1	17.6	19.5	19.3		19	
Citation / Violation Issuance Rate	43%	49%	47%	65%	64%	57%	58%	53%	52%	65%	74%		57%	
Controllable Issuance Rate	97%	99%	98%	99%	95%	98%	97%	96%	99%	99%	100%		98%	



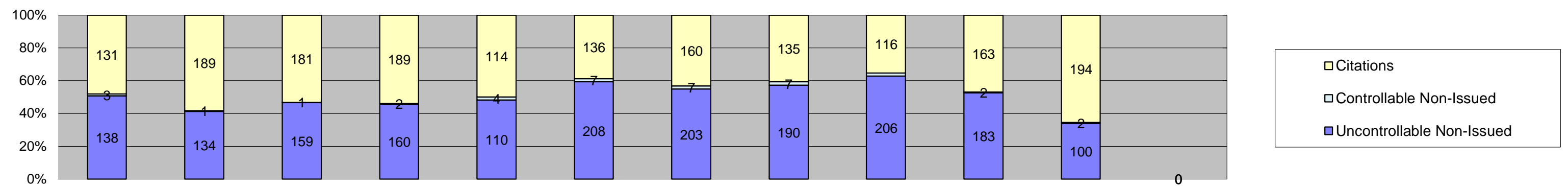
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1454: WB Roscoe Blvd @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	637	184	609	764	245	231	242	252	227	225	359		361	82%
Violations	77	74	75	58	66	89	63	80	93	102	76		78	18%
Total:	714	258	684	822	311	320	305	332	320	327	435		439	100%
Violations														
Uncontrollable Non-Issued	34	59	75	53	16	34	25	33	44	40	19		39	48%
Controllable Non-Issued	0	0	0	0	1	0	0	0	1	0	0		1	1%
Citations	43	15	0	5	49	55	38	47	48	62	57		42	51%
Total:	77	74	75	58	66	89	63	80	93	102	76		82	100%
Non-Violations														
Emergency Vehicle Non-Issuable	14	3	7	5	18	5	10	8	10	8	7		9	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	568	135	549	704	171	173	179	188	165	160	303		300	83%
Rear Axle Activation	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%
Test Shot	55	46	53	55	56	53	53	56	52	57	49		53	15%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	637	184	609	764	245	231	242	252	227	225	359		361	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	0	0	0	1	0	0		1	1%
Conditions Beyond Control	0	0	4	1	0	0	0	0	0	0	0		3	4%
Driver Identity Unclear	0	1	0	0	0	1	1	0	2	1	0		1	2%
Driver Obstructed	0	0	0	0	1	1	1	0	1	3	1		1	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	1	0	1	0	0	0	1		1	1%
Glare on Plate	0	5	1	0	0	0	1	0	3	6	0		3	5%
Glare on Windshield	1	3	6	0	1	1	3	5	14	13	2		5	7%
Illegible Plate	0	1	0	0	0	0	0	0	0	0	0		1	1%
Interest of Justice- PD	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		1	1%
Issuance Criteria Not Met- PD	17	40	44	45	0	0	0	0	0	1	0		29	44%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	6	7	10	3	11	9	5	11	6	8	8		8	11%
No Speed Captured	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	1	1		1	1%
Out of State	6	2	1	2	2	5	4	1	1	2	3		3	4%
Plate Obstructed	0	0	1	0	0	0	0	2	2	2	1		2	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	4	0	8	2	0	17	9	13	14	3	1		8	12%
Total:	34	59	75	53	16	34	25	33	44	40	19		67	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	1	0	0	0	0	0	0		1	50%
Dark Interior	0	0	0	0	0	0	0	0	1	0	0		1	50%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Data Box Data Error- PD	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%
Exposed	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%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	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%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	0	0	0	0	1	0	0	0	1	0	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	
Average Issued Speed	34	30	31	35	36	37	32	32	30	31	34		33	
Average Issued Red Seconds	3.9	5.8	3.1	2.8	4.8	3.1	4.8	5.5	4.7	4.4	2.8		4	
Citation / Violation Issuance Rate	56%	20%	0%	9%	74%	62%	60%	59%	52%	61%	75%		53%	
Controllable Issuance Rate	100%	100%	0%	100%	98%	100%	100%	100%	98%	100%	100%		100%	



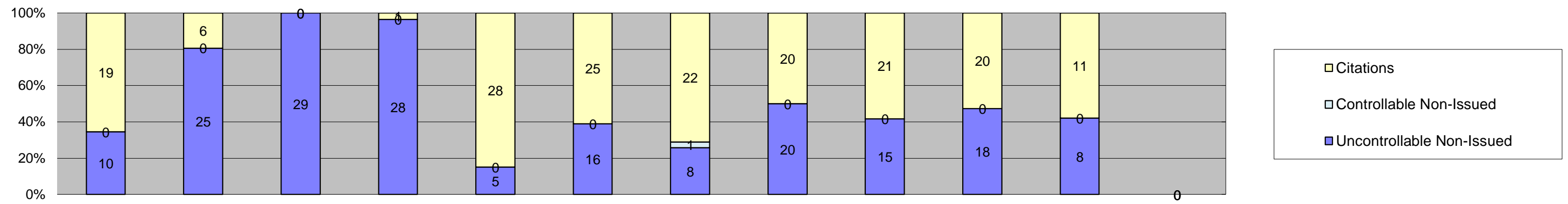
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1459: NB to EB Canoga Ave @ Roscoe Blvd



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	451	431	441	431	551	498	421	472	477	533	411		465	59%
Violations	272	324	341	351	228	351	370	332	328	348	296		322	41%
Total:	723	755	782	782	779	849	791	804	805	881	707		787	100%
Violations														
Uncontrollable Non-Issued	138	134	159	160	110	208	203	190	206	183	100		163	51%
Controllable Non-Issued	3	1	1	2	4	7	7	7	6	2	2		4	1%
Citations	131	189	181	189	114	136	160	135	116	163	194		155	48%
Total:	272	324	341	351	228	351	370	332	328	348	296		322	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	2	2	3	2	1	2	1	3	1	1		2	0%
Emergency Vehicle PD	0	0	0	1	0	1	0	0	0	0	0		1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	450	426	432	422	548	494	419	471	473	532	409		461	98%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activatin	0	0	0	0	0	0	0	0	0	0	0		0	0%
Amber Time Low	0	0	0	0	1	0	0	0	1	0	0		1	0%
Vehicle Stopped- PD	0	3	7	5	0	2	0	0	0	0	1		4	1%
Total:	451	431	441	431	551	498	421	472	477	533	411		469	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	1	0	0	0	0	2	2	0		2	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	19	19	11	8	1	15	15	11	10	4	1		10	6%
Driver Obstructed	11	5	5	17	7	16	11	13	15	8	4		10	6%
Exposed	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%
Glare on Plate	9	3	5	6	3	1	0	1	0	6	1		4	2%
Glare on Windshield	1	1	5	7	4	15	14	10	9	0	0		7	4%
Illegible Plate	0	0	0	0	0	0	0	1	0	1	1		1	1%
Interest of Justice- PD	1	0	0	0	0	0	0	0	0	0	0		1	1%
Image Quality- PD	3	6	5	9	9	11	13	6	3	0	1		7	4%
Issuance Criteria Not Met- PD	0	0	0	1	1	0	0	0	0	0	0		1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	43	43	50	50	54	62	68	60	52	71	49		55	30%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	36	49	46	46	24	36	33	27	36	28	32		36	20%
Out of State	2	6	4	3	5	11	13	7	6	10	5		7	4%
Plate Obstructed	3	2	5	2	2	4	1	2	1	3	3		3	1%
Short Yellow- PD	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%
TSB Expired	0	0	1	0	0	0	1	14	32	47	2		16	9%
TSB No Hit	10	0	22	10	0	37	34	38	40	3	1		22	12%
Total:	138	134	159	160	110	208	203	190	206	183	100		180	100%
Controllable Non-Issued Violations														
Conduent Expire	1	0	0	0	0	0	0	1	0	0	0		1	9%
Clarity of Plate	0	0	0	0	1	4	3	0	0	0	1		2	19%
Clarity of Driver	0	0	0	0	1	0	0	0	0	0	0		1	9%
Dark Interior	1	0	0	1	0	2	2	3	3	0	0		2	17%
Data Box Related- PD	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%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Exposed	0	0	0	0	1	1	0	2	1	2	1		1	12%
Equipment Malfunction	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%
Framing of Car	0	1	0	1	1	0	0	0	0	0	0		1	9%
Framing of Driver	0	0	0	0	0	0	1	0	0	0	0		1	9%
Operator Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Framing of Plate	1	0	1	0	0	0	1	1	1	0	0		1	9%
Reject Expired	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%
Total:	3	1	1	2	4	7	7	7	6	2	2		12	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	11	11	11	10	11	11	11	11	11	11	11		11	
Average Issued Red Seconds	21.3	20.1	20.0	20.0	20.2	20.1	19.9	18.5	22.6	20.0	19.0		20	
Citation / Violation Issuance Rate	48%	58%	53%	54%	50%	39%	43%	41%	35%	47%	66%		49%	
Controllable Issuance Rate	98%	99%	99%	99%	97%	95%	96%	95%	95%	99%	99%		97%	



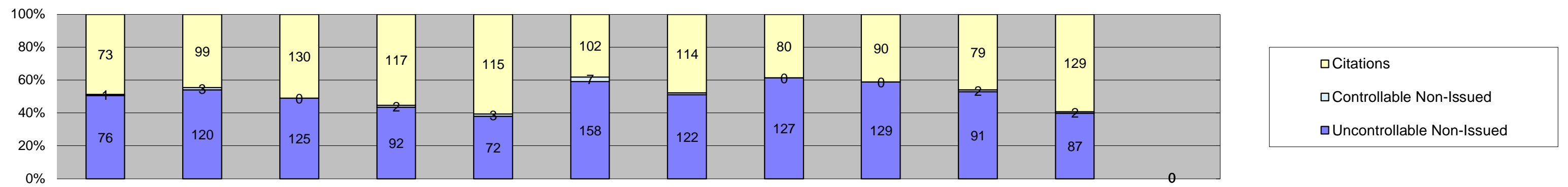
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1464: WB Parthenia St @ Canoga Ave



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average	
													Quantity	%
Non-Violations	98	100	114	117	125	107	105	124	127	83	114		110	77%
Violations	29	31	29	29	33	41	31	40	36	38	19		32	23%
Total:	127	131	143	146	158	148	136	164	163	121	133		143	100%
Violations														
Uncontrollable Non-Issued	10	25	29	28	5	16	8	20	15	18	8		17	47%
Controllable Non-Issued	0	0	0	0	0	0	1	0	0	0	0		1	3%
Citations	19	6	0	1	28	25	22	20	21	20	11		17	50%
Total:	29	31	29	29	33	41	31	40	36	38	19		35	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	3	4	2	2	3	0	2	2	2		2	2%
Emergency Vehicle PD	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%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	47	51	55	63	69	55	53	68	70	49	72		59	54%
Rear Axle Activation	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%
Test Shot	50	48	56	50	54	50	49	56	55	32	40		49	44%
Train Activation	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%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Total:	98	100	114	117	125	107	105	124	127	83	114		111	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	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%
Car Obstructed	0	0	0	0	0	1	0	0	0	0	0		1	3%
Conditions Beyond Control	1	0	0	1	0	0	0	0	0	0	0		1	3%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0	2	0		2	4%
Driver Obstructed	0	1	0	1	0	0	1	0	0	0	0		1	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	0	1	0		1	3%
Glare on Plate	0	0	1	0	0	0	1	0	0	0	0		1	3%
Glare on Windshield	0	1	1	1	2	1	1	3	1	8	2		2	6%
Illegible Plate	0	0	0	0	0	0	0	0	1	0	0		1	3%
Interest of Justice- PD	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%
Issuance Criteria Not Met- PD	3	20	25	19	0	0	0	0	0	0	0		17	45%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	3	3	0	2	2	5	2	1	3	6	6		3	9%
No Speed Captured	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%
Out of State	0	0	1	1	0	2	0	0	1	0	0		1	3%
Plate Obstructed	0	0	0	0	1	0	0	1	0	1	0		1	3%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0		0	0%
TSB No Hit	3	0	1	3	0	7	2	14	9	0	0		6	15%
Total:	10	25	29	28	5	16	8	20	15	18	8		37	100%
Controllable Non-Issued Violations														
Conduent Expire	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%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0		0	0%
Dark Interior	0	0	0	0	0	0	1	0	0	0	0		1	100%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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%
Reject Expired	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%
Total:	0	0	0	0	0	0	1	0	0	0	0		1	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	33	37	36	37	34	32	33	39	34	37	39		36	
Average Issued Red Seconds	7.0	2.6	1.1	4.5	4.0	5.0	7.0	2.4	3.8	3.8	0.3		4	
Citation / Violation Issuance Rate	66%	19%	0%	3%	85%	61%	71%	50%	58%	53%	58%		52%	
Controllable Issuance Rate	100%	100%	0%	100%	100%	100%	96%	100%	100%	100%	100%		100%	



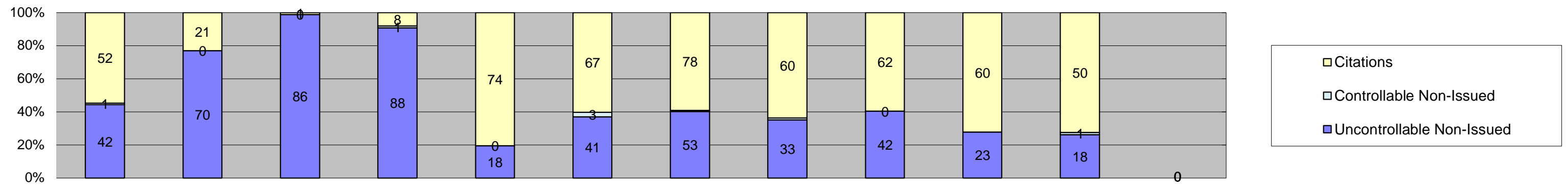
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1469: NB to EB Canoga Ave @ Parthenia St



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	135	163	196	196	206	159	160	217	185	166	169			177	45%
Violations	150	222	255	211	190	267	239	207	219	172	218			214	55%
Total:	285	385	451	407	396	426	399	424	404	338	387			391	100%
Violations															
Uncontrollable Non-Issued	76	120	125	92	72	158	122	127	129	91	87			109	51%
Controllable Non-Issued	1	3	0	2	3	7	3	0	0	2	2			3	1%
Citations	73	99	130	117	115	102	114	80	90	79	129			103	48%
Total:	150	222	255	211	190	267	239	207	219	172	218			214	100%
Non-Violations															
Emergency Vehicle Non-Issuable	3	1	2	1	4	1	0	0	1	1	0			2	1%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0	0	0			1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Violation Occurred	131	160	190	194	200	158	159	217	183	165	169			175	98%
Rear Axle Activation	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%
Test Shot	0	0	0	0	0	0	0	0	0	0	0			0	0%
Train Activation	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%
Vehicle Stopped- PD	1	2	3	1	2	0	1	0	1	0	0			2	1%
Total:	135	163	196	196	206	159	160	217	185	166	169			179	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	0	0	1	0	0	0	0	0	0	0	0			1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0			1	1%
Car Obstructed	0	1	0	0	0	0	1	0	0	0	0			1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0			0	0%
Driver Identity Unclear	6	5	8	2	3	2	2	2	3	5	3			4	3%
Driver Obstructed	9	11	12	18	1	3	8	6	14	3	11			9	7%
Exposed	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%
Glare on Plate	1	2	0	0	1	0	0	0	0	4	2			2	2%
Glare on Windshield	1	0	1	2	0	2	9	0	1	0	1			2	2%
Illegible Plate	0	1	0	2	0	0	0	0	1	1	0			1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Image Quality- PD	1	3	1	1	3	6	4	0	0	0	1			3	2%
Issuance Criteria Not Met- PD	0	0	1	1	0	0	0	0	0	0	0			1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	27	35	41	23	29	51	41	45	35	26	28			35	27%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0			0	0%
Obstruction In Photo- PD	21	54	33	35	30	49	28	22	23	22	27			31	24%
Out of State	7	5	2	3	3	1	4	4	5	5	7			4	3%
Plate Obstructed	0	3	1	0	2	2	1	1	3	3	6			2	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	7	15	20	0			14	11%
TSB No Hit	3	0	24	5	0	42	23	40	29	2	1			19	14%
Total:	76	120	125	92	72	158	122	127	129	91	87			130	100%
Controllable Non-Issued Violations															
Conduent Expire	0	0	0	0	0	0	0	0	0	0	1			1	13%
Clarity of Plate	0	0	0	0	2	3	3	0	0	0	1			2	29%
Clarity of Driver	0	0	0	0	1	2	0	0	0	2	0			2	22%
Dark Interior	1	2	0	2	0	2	0	0	0	0	0			2	23%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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			1	13%
Reject Expired	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%
Total:	1	3	0	2	3	7	3	0	0	2	2			8	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	10	11	11	11	11	10	10	11	11	11	10			11	
Average Issued Red Seconds	15.0	14.5	12.7	13.7	14.6	13.3	13.6	13.6	13.7	14.1	13.6			14	
Citation / Violation Issuance Rate	49%	45%	51%	55%	61%	38%	48%	39%	41%	46%	59%			48%	
Controllable Issuance Rate	99%	97%	100%	98%	97%	94%	97%	100%	100%	98%	98%			98%	



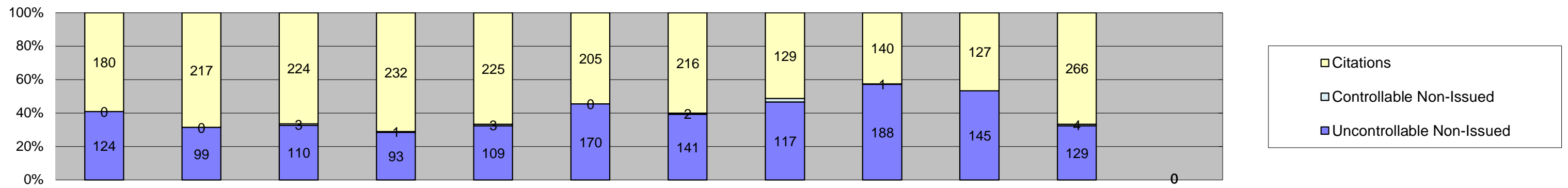
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1474: WB Nordhoff St @ Busway



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date Monthly Average		
													Quantity	%	
Non-Violations	187	160	211	259	243	268	263	250	266	211	201			229	70%
Violations	95	91	87	97	92	111	132	94	104	83	69			96	30%
Total:	282	251	298	356	335	379	395	344	370	294	270			325	100%
Violations															
Uncontrollable Non-Issued	42	70	86	88	18	41	53	33	42	23	18			47	48%
Controllable Non-Issued	1	0	0	1	0	3	1	1	0	0	1			1	1%
Citations	52	21	1	8	74	67	78	60	62	60	50			48	50%
Total:	95	91	87	97	92	111	132	94	104	83	69			97	100%
Non-Violations															
Emergency Vehicle Non-Issuable	2	3	4	4	3	1	3	5	4	3	2			3	1%
Emergency Vehicle PD	1	0	0	0	0	0	0	0	0	0	0			1	0%
Intersection Control in Progress-PD	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%
No Violation Occurred	132	107	147	196	184	215	208	186	212	179	158			175	75%
Rear Axle Activation	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%
Test Shot	51	50	59	59	56	52	52	59	50	29	41			51	22%
Train Activation	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%
Vehicle Stopped- PD	0	0	1	0	0	0	0	0	0	0	0			1	0%
Total:	187	160	211	259	243	268	263	250	266	211	201			232	100%
Uncontrollable Non-Issued Violations															
Administrative Dismissal	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%
Car Obstructed	1	0	1	0	1	2	2	2	1	2	0			2	2%
Conditions Beyond Control	2	6	0	5	0	0	0	0	0	0	0			4	5%
Driver Identity Unclear	0	0	0	0	1	2	0	2	1	1	0			1	2%
Driver Obstructed	2	2	3	1	1	0	0	0	2	2	2			2	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0			0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	1	0	0	0			1	1%
Glare on Plate	0	0	0	0	0	0	0	0	0	1	0			1	1%
Glare on Windshield	1	4	0	4	3	5	14	2	5	2	1			4	5%
Illegible Plate	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%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0			0	0%
Issuance Criteria Not Met- PD	26	49	71	69	0	0	0	0	0	1	0			43	53%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0			0	0%
No Plate	7	2	4	6	10	9	14	5	14	10	7			8	10%
No Speed Captured	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%
Out of State	1	5	1	1	2	3	4	5	6	0	7			4	4%
Plate Obstructed	0	2	0	0	0	1	0	0	0	0	0			2	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	0	0	0	2	0			2	2%
TSB No Hit	2	0	6	2	0	19	18	16	13	2	1			9	11%
Total:	42	70	86	88	18	41	53	33	42	23	18			82	100%
Controllable Non-Issued Violations															
Conduent Expire	1	0	0	0	0	0	0	0	0	0	0			1	25%
Clarity of Plate	0	0	0	0	0	1	0	0	0	0	0			1	25%
Clarity of Driver	0	0	0	1	0	1	0	0	0	0	0			1	25%
Dark Interior	0	0	0	0	0	1	1	1	0	0	1			1	25%
Data Box Related- PD	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%
Data Entry Error	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%
Equipment Malfunction	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%
Framing of Car	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%
Operator Error	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%
Reject Expired	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%
Total:	1	0	0	1	0	3	1	1	0	0	1			4	100%
Summary Metrics															
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0			0	
Average Issued Speed	35	36	34	30	30	29	34	32	30	31	34			32	
Average Issued Red Seconds	4.7	2.3	5.3	6.4	10.9	15.7	9.7	8.3	9.6	10.6	5.8			8	
Citation / Violation Issuance Rate	55%	23%	1%	8%	80%	60%	59%	64%	60%	72%	72%			50%	
Controllable Issuance Rate	98%	100%	100%	89%	100%	96%	99%	98%	100%	100%	98%			98%	



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



Events	Jan-18	Feb-18	Mar-18	Apr-18	May-18	Jun-18	Jul-18	Aug-18	Sep-18	Oct-18	Nov-18	Dec-18	Year to Date	
													Monthly Average Quantity	Monthly Average %
Non-Violations	351	351	309	350	331	357	340	342	371	322	365		344	51%
Violations	304	316	337	326	337	375	359	251	329	272	399		328	49%
Total:	655	667	646	676	668	732	699	593	700	594	764		672	100%
Violations														
Uncontrollable Non-Issued	124	99	110	93	109	170	141	117	188	145	129		130	39%
Controllable Non-Issued	0	0	3	1	3	0	2	5	1	0	4		3	1%
Citations	180	217	224	232	225	205	216	129	140	127	266		196	60%
Total:	304	316	337	326	337	375	359	251	329	272	399		329	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	3	1	0	3	0	0	1	0	0		2	1%
Emergency Vehicle PD	0	0	0	0	0	1	0	1	0	0	0		1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Violation Occurred	350	351	304	346	331	353	339	341	369	322	365		343	98%
Rear Axle Activation	0	0	0	1	0	0	0	0	0	0	0		1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0		0	0%
Test Shot	0	0	0	0	0	0	0	0	0	0	0		0	0%
Train Activation	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%
Vehicle Stopped- PD	1	0	2	2	0	0	1	0	1	0	0		1	0%
Total:	351	351	309	350	331	357	340	342	371	322	365		348	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	1	0	0	0	0	0	0	0	0		1	1%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0		0	0%
Car Obstructed	1	0	0	0	0	0	1	0	0	0	2		1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0		0	0%
Driver Identity Unclear	11	9	1	2	1	7	6	0	2	2	4		5	3%
Driver Obstructed	5	1	0	3	4	5	1	7	1	0	2		3	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0		0	0%
Emergency Vehicle Issue	0	0	2	0	0	0	0	0	0	0	1		2	1%
Glare on Plate	1	3	0	1	0	1	0	0	0	0	2		2	1%
Glare on Windshield	1	1	0	0	2	3	4	3	1	0	0		2	1%
Illegible Plate	0	0	0	0	0	0	0	0	1	0	0		1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0		0	0%
Image Quality- PD	1	0	0	1	2	1	0	0	0	0	0		1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	1	0	0		1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0		0	0%
No Plate	62	55	54	54	72	76	65	46	77	68	73		64	42%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0		0	0%
Obstruction In Photo- PD	30	25	16	20	14	15	13	12	15	15	28		18	12%
Out of State	7	4	10	6	12	9	7	6	7	8	4		7	5%
Plate Obstructed	0	1	0	1	2	3	2	1	2	5	5		2	2%
Short Yellow- PD	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%
TSB Expired	0	0	0	0	0	0	1	9	44	36	4		19	12%
TSB No Hit	5	0	26	5	0	50	41	33	37	11	4		24	15%
Total:	124	99	110	93	109	170	141	117	188	145	129		153	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	1	0	0	0	0	0	0		1	10%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0		0	0%
Clarity of Driver	0	0	1	0	2	0	0	1	0	0	0		1	14%
Dark Interior	0	0	1	1	0	0	1	0	0	0	3		2	15%
Data Box Related- PD	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%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0		0	0%
Exposed	0	0	0	0	0	0	0	0	1	0	1		1	10%
Equipment Malfunction	0	0	0	0	0	0	0	4	0	0	0		4	41%
Framing- PD	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%
Framing of Driver	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%
Framing of Plate	0	0	1	0	0	0	1	0	0	0	0		1	10%
Reject Expired	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%
Total:	0	0	3	1	3	0	2	5	1	0	4		10	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0		0	
Average Issued Speed	10	10	11	11	12	11	11	11	11	11	11		11	
Average Issued Red Seconds	17.1	15.0	16.8	15.3	16.7	15.8	14.8	17.2	15.7	16.4	16.0		16	
Citation / Violation Issuance Rate	59%	69%	66%	71%	67%	55%	60%	51%	43%	47%	67%		59%	
Controllable Issuance Rate	100%	100%	99%	100%	99%	100%	99%	96%	99%	100%	99%		99%	



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

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Daily Yield*
NB	Tujunga Ave @ Busway	1301	Straight	30	319	92	67	2.23
SB	Tujunga Ave @ Busway	1302	Straight	30	167	24	14	0.47
EB	Oxnard St @ Buffalo Ave	1313	Straight	30	378	124	91	3.03
WB	Oxnard St @ Buffalo Ave	1314	Straight	30	317	62	47	1.57
NB	Woodman Ave @ Busway	1321	Straight	30	201	48	31	1.03
SB	Woodman Ave @ Busway	1322	Straight	30	356	178	125	4.17
NB	Kester Ave @ Busway	1331	Straight	30	205	25	14	0.47
SB	Kester Ave @ Busway	1332	Straight	30	282	150	99	3.30
NB	Sepulveda Blvd @ Busway	1341	Straight	30	454	267	133	4.43
SB	Sepulveda Blvd @ Busway	1342	Straight	30	359	145	91	3.03
NB	Woodley @ Busway	1351	Straight	30	300	139	94	3.13
SB	Woodley @ Busway	1352	Straight	30	402	245	173	5.77
NB	Balboa Blvd @ Busway	1361	Straight	30	283	120	85	2.83
SB	Balboa Blvd @ Busway	1362	Straight	30	226	70	50	1.67
NB	White Oak Ave @ Busway	1371	Straight	30	183	48	35	1.17
SB	White Oak Ave @ Busway	1372	Straight	30	349	134	81	2.70
SB	Lindley Ave @ Busway	1382	Straight	30	391	209	125	4.17
WB to NB	Lindley Ave @ Oxnard St	1385	Right	30	289	51	30	1.00
NB	Reseda Blvd @ Busway	1391	Right	30	296	136	76	2.53
SB	Reseda Blvd @ Busway	1392	Straight	30	151	21	5	0.17
SB	Mason Ave @ Busway	1402	Straight	30	316	171	115	3.83
WB to NB	Mason Ave @ Victory Blvd	1405	Right	30	887	27	2	0.07
SB	De Soto Ave @ Busway	1412	Straight	30	383	205	116	3.87
WB to NB	De Soto Ave @ Victory Blvd	1415	Right	30	372	10	4	0.13
WB	Van Owen St @ Busway	1414	Straight	30	327	182	135	4.50
NB to EB	Canoga Ave @ Vanowen St	1419	Right	30	1,321	607	403	13.43
WB	Sherman Way @ Busway	1424	Straight	30	99	19	12	0.40
NB to EB	Canoga Ave @ Sherman Way	1429	Right	30	1,273	435	215	7.17
WB	Valerio St @ Busway	1434	Straight	30	123	25	19	0.63
NB to EB	Canoga Ave @ Valerio St	1439	Right	30	69	46	37	1.23
WB	Saticoy St @ Busway	1444	Straight	30	247	90	78	2.60
NB to EB	Canoga Ave @ Saticoy St	1449	Right	30	606	287	211	7.03
WB	Roscoe Blvd @ Busway	1454	Straight	30	435	76	57	1.90
NB to EB	Canoga Ave @ Roscoe Blvd	1459	Right	30	707	296	194	6.47
WB	Parthenia St @ Busway	1464	Straight	30	133	19	11	0.37
NB to EB	Canoga Ave @ Parthenia St	1469	Right	30	387	218	129	4.30
WB	Nordhoff St @ Busway	1474	Straight	30	270	69	50	1.67
NB to EB	Canoga Ave @ Nordhoff St	1479	Right	30	764	399	266	8.87
Totals				30	14,627	5,469	3,520	117.33

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