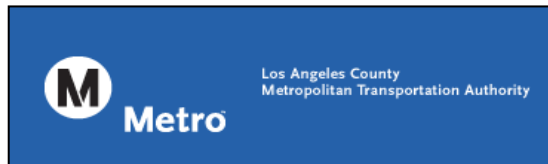




Orange Line Monthly Report



December 2019



Prepared by: Conduent State and Local Solutions
Confidential

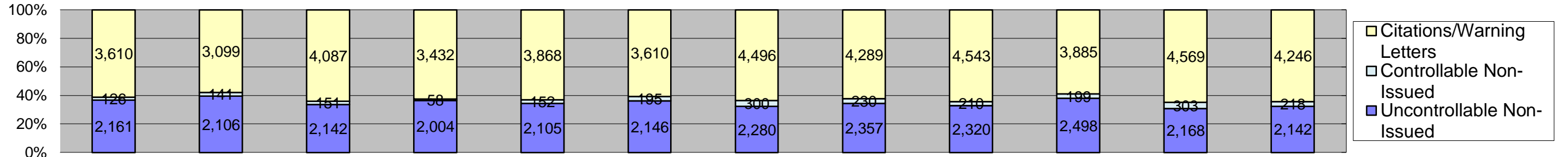


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Los Angeles County MTA Orange Line Approach Summary Report All Locations



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	8,699	8,102	8,749	8,143	8,503	9,223	9,525	10,272	9,814	9,831	9,196	9,268	9,110	59%
Violations	5,897	5,346	6,380	5,445	6,125	5,951	7,076	6,876	7,073	6,582	7,040	6,606	6,366	41%
Total:	14,596	13,448	15,129	13,588	14,628	15,174	16,601	17,148	16,887	16,413	16,236	15,874	15,477	100%

Violations														
Uncontrollable Non-Issued	2,161	2,106	2,142	2,004	2,105	2,146	2,280	2,357	2,320	2,498	2,168	2,142	2,202	35%
Controllable Non-Issued	126	141	151	58	152	195	300	230	210	199	303	218	190	3%
Citations/Warning Letters	3,610	3,099	4,087	3,432	3,868	3,610	4,496	4,289	4,543	3,885	4,569	4,246	3,978	62%
Total:	5,897	5,346	6,380	5,494	6,125	5,951	7,076	6,876	7,073	6,582	7,040	6,606	6,371	100%

Non-Violations														
Emergency Vehicle Non-Issuable	165	152	202	159	108	149	139	181	191	198	65	62	148	2%
Emergency Vehicle PD	6	3	1	2	2	1	0	2	1	0	3	2	2	0%
Intersection Control in Progress-PD	0	0	0	9	0	0	0	0	3	1	0	0	4	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	5,169	4,788	4,865	4,478	4,879	5,562	5,805	6,444	6,309	6,218	5,789	5,574	5,490	59%
Rear Axle Activation	6	11	5	0	5	24	2	19	12	18	50	12	15	0%
Right Turn- No Violation	64	15	16	10	49	80	43	61	52	53	50	66	47	1%
Test Shot	3,279	3,011	3,643	3,465	3,457	3,405	3,532	3,390	3,242	3,336	3,239	3,546	3,379	37%
Train Activation	0	109	0	0	0	0	0	174	0	0	0	0	142	2%
Amber Time Low	0	0	0	0	1	0	0	1	1	0	0	1	1	0%
Vehicle Stopped- PD	10	13	17	20	2	2	4	0	3	7	0	5	8	0%
Total:	8,699	8,102	8,749	8,143	8,503	9,223	9,525	10,272	9,814	9,831	9,196	9,268	9,235	100%

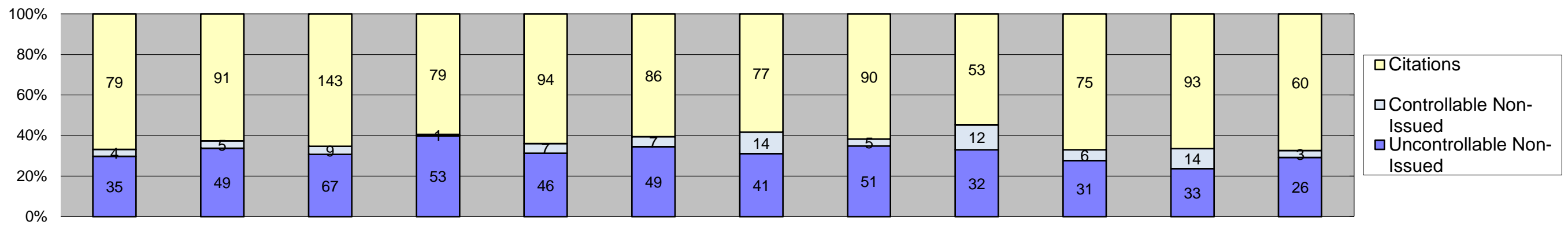
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	1	1	2	0	0	0	27	18	0	0	0	0	10	0%
Car Obstructed	55	61	61	40	52	41	72	87	94	66	72	83	65	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	14	18	12	35	11	21	58	52	33	39	26	29	29	1%
Driver Obstructed	88	121	79	82	75	154	128	179	154	87	136	185	122	5%
Exposed	0	0	0	1	0	0	0	0	0	1	0	0	1	0%
Emergency Vehicle Issue	7	8	2	14	6	3	17	8	5	7	3	1	7	0%
Glare on Plate	67	47	26	33	19	25	36	35	49	78	77	52	45	2%
Glare on Windshield	33	75	126	133	116	127	126	170	215	129	65	23	112	5%
Illegible Plate	5	3	6	3	5	3	6	9	3	16	29	19	9	0%
Interest of Justice- PD	0	1	0	0	0	4	0	5	2	0	12	1	4	0%
Image Quality- PD	3	2	2	5	1	9	3	7	6	3	1	1	4	0%
Issuance Criteria Not Met- PD	0	1	0	1	0	0	0	0	0	2	1	1	1	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	997	945	946	911	910	861	898	906	915	942	857	795	907	41%
No Speed Captured	0	0	5	0	0	0	0	0	0	0	0	0	5	0%
Obstruction In Photo- PD	157	107	82	56	46	73	147	81	104	192	102	171	110	5%
Out of State	123	127	146	143	142	142	155	179	168	155	126	131	145	6%
Plate Obstructed	80	58	58	67	43	62	89	107	102	123	89	82	80	4%
Short Yellow- PD	1	0	0	0	1	0	0	0	0	0	1	1	1	0%
Third Party Damage	0	23	0	0	1	0	0	6	0	0	0	0	10	0%
TSB Expired	8	10	0	4	52	3	5	0	0	0	0	1	12	1%
TSB No Hit	522	498	589	476	625	618	513	508	470	658	571	566	551	25%
Total:	2,161	2,106	2,142	2,004	2,105	2,146	2,280	2,357	2,320	2,498	2,168	2,142	2,229	100%

Controllable Non-Issued Violations														
Conduent Expire	1	2	2	0	5	0	6	8	0	0	0	1	4	2%
Clarity of Plate	0	0	0	1	9	12	1	10	24	9	23	29	13	6%
Clarity of Driver	0	0	0	0	0	0	0	0	0	2	1	0	2	1%
Dark Interior	10	41	45	45	41	23	21	43	53	63	49	53	41	20%
Data Box Related- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	6	1	5	3	4	9	7	13	9	12	7	5	7	3%
Exposed	0	0	0	0	0	9	16	3	8	4	21	18	11	5%
Equipment Malfunction	89	96	88	5	71	120	236	130	101	100	197	111	112	54%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	19	1	4	1	11	19	6	6	2	1	0	1	6	3%
Framing of Driver	0	0	0	1	1	2	1	4	13	1	0	0	3	2%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	1	0	6	1	9	1	6	12	0	7	3	0	5	2%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	1	1	1	0	0	0	0	0	2	0	1	1%
Total:	126	141	151	58	152	195	300	230	210	199	303	218	206	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	21	22	23	22	23	23	23	23	23	23	23	22	22	22
Average Issued Red Seconds	10.3	9.0	10.7	10.2	9.0	9.8	9.5	10.3	9.0	10.1	10.5	10.5	9.9	9.9
Citation / Violation Issuance Rate	61%	58%	64%	62%	63%	61%	64%	62%	64%	59%	65%	64%	62%	62%
Controllable Issuance Rate	97%	96%	96%	98%	96%	95%	94%	95%	96%	95%	94%	95%	96%	96%



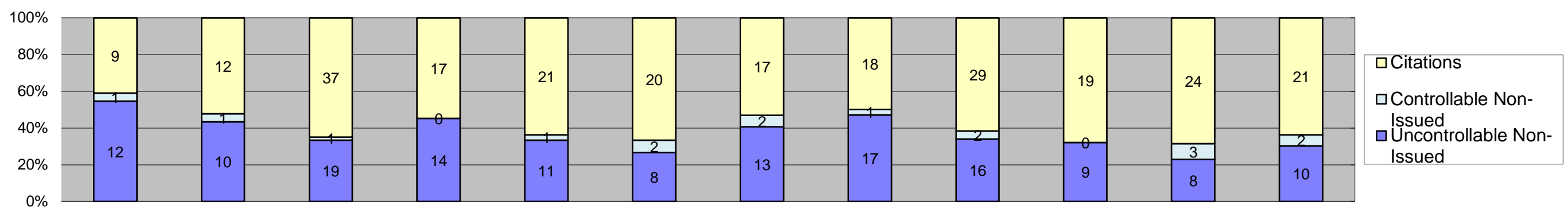
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1301: NB Tujunga Ave @ Busway



Events	Jan-19												Year to Date	
	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Quantity	Monthly Average %	
Non-Violations	201	182	222	200	201	198	193	241	224	202	225	218	209	61%
Violations	118	145	219	133	147	142	132	146	97	112	140	89	135	39%
Total:	319	327	441	333	348	340	325	387	321	314	365	307	344	100%
Violations														
Uncontrollable Non-Issued	35	49	67	53	46	49	41	51	32	31	33	26	43	32%
Controllable Non-Issued	4	5	9	1	7	7	14	5	12	6	14	3	7	5%
Citations	79	91	143	79	94	86	77	90	53	75	93	60	85	63%
Total:	118	145	219	133	147	142	132	146	97	112	140	89	135	100%
Non-Violations														
Emergency Vehicle Non-Issuable	67	52	80	56	37	49	42	68	70	51	10	3	49	23%
Emergency Vehicle PD	1	0	0	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	12	5	16	27	35	20	19	19	17	24	90	74	30	14%
Rear Axle Activation	0	1	0	0	0	1	0	4	0	1	0	1	2	1%
Right Turn- No Violation	0	0	0	0	0	1	0	0	1	0	0	0	1	0%
Test Shot	121	124	126	117	129	127	132	150	136	126	125	140	129	61%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	201	182	222	200	201	198	193	241	224	202	225	218	212	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	2%
Car Obstructed	1	3	1	0	0	0	0	0	0	1	0	0	2	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	0	0	0	0	1	2%
Driver Obstructed	0	2	0	1	0	0	0	0	0	0	1	2	2	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	2	0	5	1	0	2	0	0	1	0	0	2	4%
Glare on Plate	0	0	0	0	0	0	1	0	0	0	0	0	1	2%
Glare on Windshield	1	0	5	2	0	1	0	5	6	0	2	1	3	5%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	2	0	2	4%
Interest of Justice- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	22	29	37	29	32	31	22	29	11	21	17	14	25	45%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	1	0	0	0	0	0	0	0	0	0	1	1	2%
Out of State	2	3	6	4	4	3	4	3	3	1	1	3	3	6%
Plate Obstructed	0	0	4	0	0	1	0	0	1	0	0	0	2	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Epired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	9	9	14	11	9	13	11	13	11	7	10	5	10	19%
Total:	35	49	67	53	46	49	41	51	32	31	33	26	55	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	1	0	0	0	0	1	10%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	1	0	0	0	0	0	0	0	0	0	1	10%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	1	1	1	0	0	3	0	0	0	0	1	0	1	14%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	3	4	7	1	7	4	14	4	12	6	13	3	7	66%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	5	9	1	7	7	14	5	12	6	14	3	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	18	19	19	18	18	19	19	17	18	18	18	18	18
Average Issued Red Seconds	8.5	7.5	6.0	6.4	8.5	8.4	7.1	8.6	8.5	10.1	10.3	10.9	8	8
Citation / Violation Issuance Rate	67%	63%	65%	59%	64%	61%	58%	62%	55%	67%	66%	67%	63%	63%
Controllable Issuance Rate	95%	95%	94%	99%	93%	92%	85%	95%	82%	93%	87%	95%	92%	92%



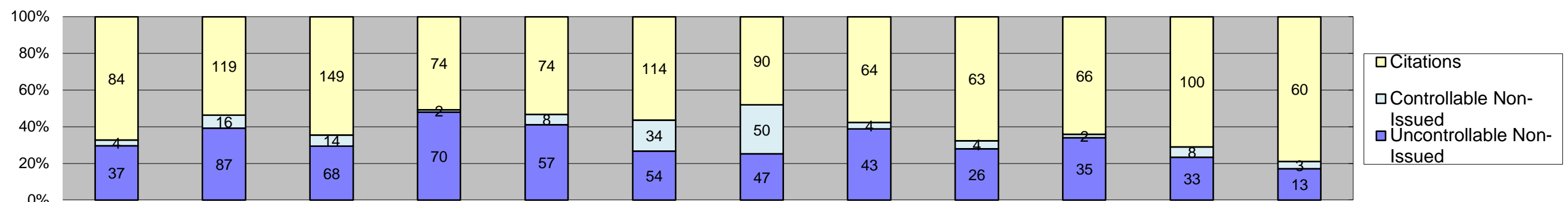
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1302: SB Tujunga Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	142	131	269	149	160	141	163	174	143	163	146	151	161	83%
Violations	22	23	57	31	33	30	32	36	47	28	35	33	34	17%
Total:	164	154	326	180	193	171	195	210	190	191	181	184	195	100%
Violations														
Uncontrollable Non-Issued	12	10	19	14	11	8	13	17	16	9	8	10	12	36%
Controllable Non-Issued	1	1	1	0	1	2	2	1	2	0	3	2	2	5%
Citations	9	12	37	17	21	20	17	18	29	19	24	21	20	59%
Total:	22	23	57	31	33	30	32	36	47	28	35	33	34	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	2	7	0	1	0	6	0	3	10	0	0	5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	11	6	6	11	12	10	25	9	15	20	18	18	13	8%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	127	123	256	138	147	131	132	165	125	133	128	133	145	89%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	142	131	269	149	160	141	163	174	143	163	146	151	163	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	4%
Car Obstructed	0	0	1	0	0	0	0	0	0	0	0	0	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Obstructed	1	0	1	0	0	0	0	0	0	0	0	0	1	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	1	0	0	2	0	0	0	0	0	2	7%
Glare on Plate	0	0	1	0	0	0	0	0	0	0	0	0	1	4%
Glare on Windshield	0	0	0	0	0	0	0	0	1	0	0	0	1	4%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	9	7	12	8	5	6	6	9	11	7	3	7	8	33%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	2	0	1	0	0	1	1	1	0	1	0	1	5%
Plate Obstructed	0	0	0	0	1	0	0	0	0	0	0	0	1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	1	0	0	6	0	0	0	0	4	16%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	2	1	4	4	4	2	3	1	3	2	4	3	3	12%
Total:	12	10	19	14	11	8	13	17	16	9	8	10	22	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	1	0	0	0	1	0	0	2	0	2	0	2	55%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	1	0	1	0	1	1	2	1	0	0	1	2	1	45%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	1	1	0	1	2	2	1	2	0	3	2	3	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	20	17	18	19	21	19	16	16	16	17	16	18	18
Average Issued Red Seconds	10.1	13.9	8.1	5.2	6.0	8.8	9.0	10.7	17.0	14.8	13.7	15.2	11	11
Citation / Violation Issuance Rate	41%	52%	65%	55%	64%	67%	53%	50%	62%	68%	69%	64%	59%	59%
Controllable Issuance Rate	90%	92%	97%	100%	95%	91%	89%	95%	94%	100%	89%	91%	94%	94%



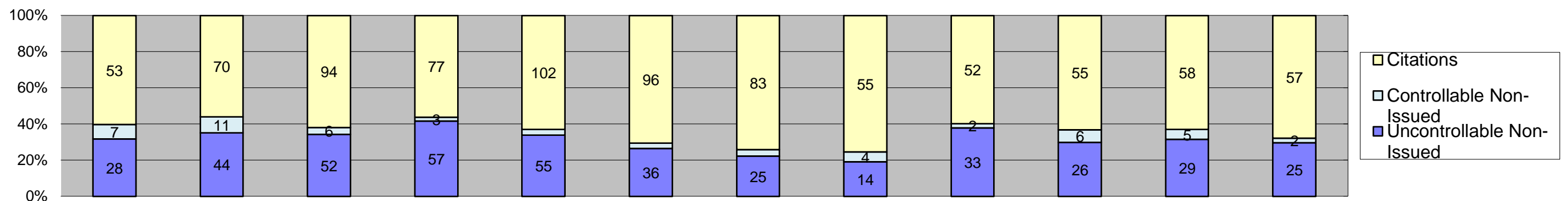
**Los Angeles County MTA Orange Line
Approach Summary Report
Location 1313: EB Oxnard St @ Buffalo Ave**



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	198	152	201	241	265	310	256	227	187	209	235	238	227	60%
Violations	125	222	231	146	139	202	187	111	93	103	141	76	148	40%
Total:	323	374	432	387	404	512	443	338	280	312	376	314	375	100%
Violations														
Uncontrollable Non-Issued	37	87	68	70	57	54	47	43	26	35	33	13	48	32%
Controllable Non-Issued	4	16	14	2	8	34	50	4	4	2	8	3	12	8%
Citations	84	119	149	74	74	114	90	64	63	66	100	60	88	60%
Total:	125	222	231	146	139	202	187	111	93	103	141	76	148	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	4	5	6	3	4	2	5	3	3	1	0	3	1%
Emergency Vehicle PD	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	24	28	62	111	87	34	37	34	32	36	68	59	51	22%
Rear Axle Activation	0	1	1	0	0	2	0	2	0	0	3	1	2	1%
Right Turn- No Violation	57	12	14	10	47	63	35	53	42	51	49	62	41	18%
Test Shot	116	106	119	114	128	207	182	133	110	119	114	116	130	57%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	198	152	201	241	265	310	256	227	187	209	235	238	229	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	2%
Car Obstructed	0	0	4	0	1	0	0	0	1	0	2	0	2	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	2	2	1	1	0	0	0	0	1	2%
Driver Obstructed	2	9	0	1	1	2	2	2	0	0	0	1	3	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	1	0	0	0	0	0	0	1	2%
Glare on Plate	0	2	1	0	0	0	1	0	1	4	0	0	2	3%
Glare on Windshield	0	0	4	4	4	5	3	5	3	0	0	0	4	7%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	0	0	1	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	26	49	30	36	22	26	26	18	11	16	22	8	24	42%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	1	6	3	5	2	1	0	1	2	2	0	1	2	4%
Plate Obstructed	0	2	0	3	0	1	1	1	0	2	1	0	2	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	8	19	26	20	25	16	12	14	8	11	8	3	14	25%
Total:	37	87	68	70	57	54	47	43	26	35	33	13	57	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	6	6	2	3	1	0	1	2	0	0	0	3	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	3	10	8	0	5	30	47	3	2	2	8	3	11	67%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	0	0	0	0	3	3	0	0	0	0	0	2	14%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	16	14	2	8	34	50	4	4	2	8	3	16	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	21	21	21	24	21	22	22	24	24	24	21	24	22	22
Average Issued Red Seconds	9.9	13.6	13.9	11.0	13.5	11.7	9.7	8.2	7.0	10.1	12.3	7.5	11	11
Citation / Violation Issuance Rate	67%	54%	65%	51%	53%	56%	48%	58%	68%	64%	71%	79%	61%	61%
Controllable Issuance Rate	95%	88%	91%	97%	90%	77%	64%	94%	94%	97%	93%	95%	90%	90%



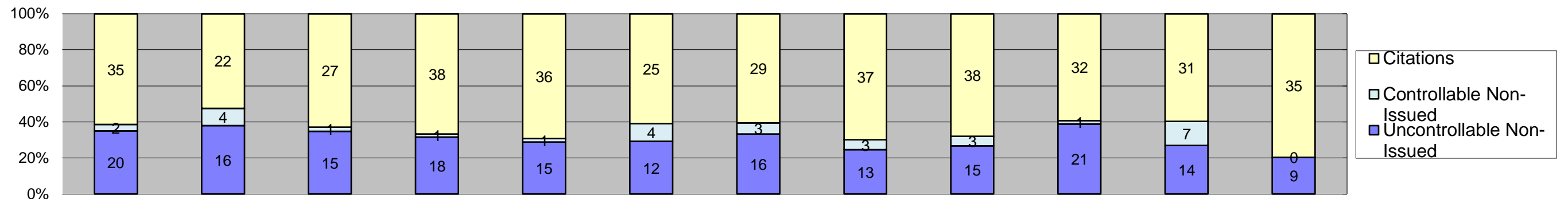
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1314: WB Oxnard St @ Buffalo Ave



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Non-Violations	231	256	309	322	299	285	284	235	257	263	254	229	269	71%
Violations	88	125	152	137	162	136	112	73	87	87	92	84	111	29%
Total:	319	381	461	459	461	421	396	308	344	350	346	313	380	100%
Violations														
Uncontrollable Non-Issued	28	44	52	57	55	36	25	14	33	26	29	25	35	32%
Controllable Non-Issued	7	11	6	3	5	4	4	4	2	6	5	2	5	4%
Citations	53	70	94	77	102	96	83	55	52	55	58	57	71	64%
Total:	88	125	152	137	162	136	112	73	87	87	92	84	111	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	5	5	2	1	1	0	0	0	1	0	1	3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	110	143	186	207	178	171	165	114	147	146	139	112	152	56%
Rear Axle Activation	0	1	0	0	0	2	0	0	1	1	1	2	1	0%
Right Turn- No Violation	0	0	0	0	0	1	1	1	0	0	0	0	1	0%
Test Shot	117	107	118	113	120	110	118	120	109	115	114	114	115	42%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	231	256	309	322	299	285	284	235	257	263	254	229	271	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	2	0	0	0	1	1	0	0	0	0	2	1	1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	1	1	0	1	0	0	0	0	0	0	1	2%
Driver Obstructed	0	0	1	0	1	0	0	0	0	1	0	2	1	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	1	0	0	0	0	0	0	0	0	1	2%
Glare on Plate	1	0	0	5	1	2	1	0	5	2	0	1	2	5%
Glare on Windshield	2	1	0	3	0	0	0	1	5	3	0	0	3	6%
Illegible Plate	0	0	0	0	0	1	0	0	0	0	1	0	1	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	13	31	24	34	31	23	16	8	15	11	15	12	19	44%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	0	0	0	0	0	0	0	0	0	1	2%
Out of State	2	3	6	1	2	4	2	1	1	0	1	2	2	5%
Plate Obstructed	4	0	0	3	2	1	0	0	1	0	2	0	2	5%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	4	9	19	9	17	3	6	4	6	9	8	7	8	19%
Total:	28	44	52	57	55	36	25	14	33	26	29	25	44	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	4	0	3	4	2	1	1	1	0	0	0	2	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	1	0	0	0	0	0	0	0	0	0	0	0	1	9%
Exposed	0	0	0	0	0	0	0	0	0	0	0	1	1	9%
Equipment Malfunction	3	7	6	0	1	2	2	2	1	6	5	1	3	31%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	3	0	0	0	0	0	1	0	0	0	0	0	2	19%
Framing of Driver	0	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	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	7	11	6	3	5	4	4	4	2	6	5	2	11	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	31	30	31	31	31	32	32	31	30	30	30	31	31	31
Average Issued Red Seconds	4.4	7.5	4.1	3.4	5.5	3.8	2.8	2.5	1.7	4.3	3.7	4.2	4	4
Citation / Violation Issuance Rate	60%	56%	62%	56%	63%	71%	74%	75%	60%	63%	63%	68%	64%	64%
Controllable Issuance Rate	88%	86%	94%	96%	95%	96%	95%	93%	96%	90%	92%	97%	93%	93%



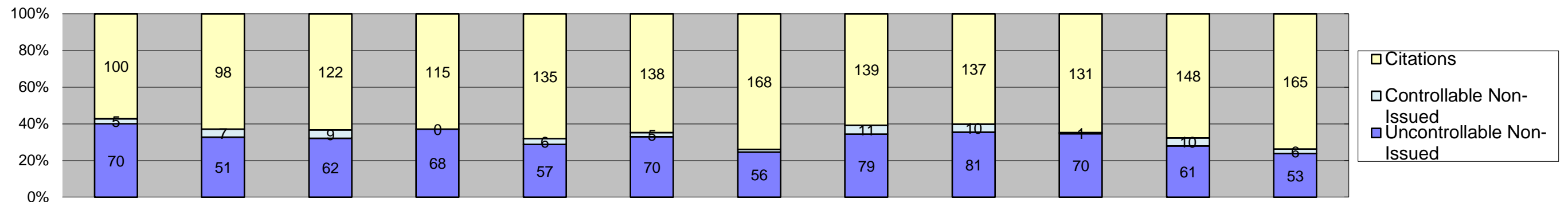
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1321: NB Woodman Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	141	143	147	149	145	143	149	155	165	215	160	164	156	76%
Violations	57	42	43	57	52	41	48	53	56	54	52	44	50	24%
Total:	198	185	190	206	197	184	197	208	221	269	212	208	206	100%
Violations														
Uncontrollable Non-Issued	20	16	15	18	15	12	16	13	15	21	14	9	15	31%
Controllable Non-Issued	2	4	1	1	1	4	3	3	3	1	7	0	3	5%
Citations	35	22	27	38	36	25	29	37	38	32	31	35	32	64%
Total:	57	42	43	57	52	41	48	53	56	54	52	44	50	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	3	2	3	2	1	10	9	11	16	1	1	5	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	21	28	28	34	23	30	24	25	44	84	48	49	37	23%
Rear Axle Activation	0	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	0%
Test Shot	116	112	117	112	120	112	115	121	109	115	111	114	115	73%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	141	143	147	149	145	143	149	155	165	215	160	164	157	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	1	1	0	0	0	0	0	0	0	0	0	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Obstructed	0	3	0	0	0	0	0	0	0	1	0	0	2	8%
Emergency Vehicle Issue	0	0	0	1	0	0	0	0	0	1	0	0	1	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	1	0	0	0	0	1	4%
Glare on Windshield	0	0	0	2	2	0	0	0	0	2	1	1	2	7%
Illegible Plate	0	0	0	0	1	0	0	0	0	0	0	0	1	4%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	15	5	7	8	5	4	14	6	10	11	9	5	8	35%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	0	0	0	0	0	0	0	0	0	0	0	1	4%
Out of State	1	1	0	1	1	0	1	2	1	5	0	0	2	7%
Plate Obstructed	0	1	2	0	0	2	0	1	0	0	0	0	2	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	3	5	5	6	6	6	1	3	4	1	4	3	4	16%
Total:	20	16	15	18	15	12	16	13	15	21	14	9	24	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	1	1	1	0	0	0	0	1	1	2	0	1	23%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	3	0	0	0	3	3	3	2	0	5	0	3	58%
Framing- PD	0	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	0	1	19%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	4	1	1	1	4	3	3	3	1	7	0	5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	25	25	28	26	24	25	25	27	26	26	26	26	26	26
Average Issued Red Seconds	5.5	5.5	5.1	4.9	4.6	5.1	5.1	7.5	6.2	3.4	7.8	4.2	5	
Citation / Violation Issuance Rate	61%	52%	63%	67%	69%	61%	60%	70%	68%	59%	60%	80%	64%	
Controllable Issuance Rate	95%	85%	96%	97%	97%	86%	91%	93%	93%	97%	82%	100%	93%	



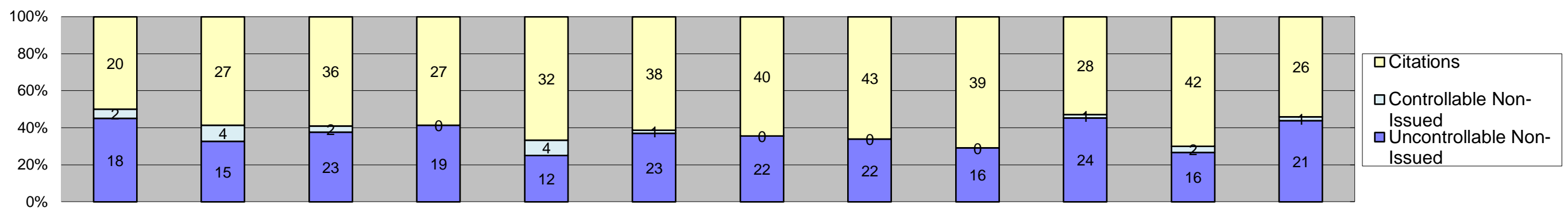
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1322: SB Woodman Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	173	149	169	157	173	158	151	310	225	163	153	161	179	47%
Violations	175	156	193	183	198	213	227	229	228	202	219	224	204	53%
Total:	348	305	362	340	371	371	378	539	453	365	372	385	382	100%
Violations														
Uncontrollable Non-Issued	70	51	62	68	57	70	56	79	81	70	61	53	65	32%
Controllable Non-Issued	5	7	9	0	6	5	3	11	10	1	10	6	7	3%
Citations	100	98	122	115	135	138	168	139	137	131	148	165	133	65%
Total:	175	156	193	183	198	213	227	229	228	202	219	224	204	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	1	0	1	1	0	1	2	0	2	0	0	1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	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	0%
No Violation Occurred	51	40	49	41	51	42	33	55	51	47	41	46	46	25%
Rear Axle Activation	0	0	0	0	0	1	0	2	0	1	0	0	1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	121	108	120	114	121	115	117	251	174	113	112	115	132	73%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	173	149	169	157	173	158	151	310	225	163	153	161	181	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	1	1	1	1	3	1	3	17	30	6	6	2	6	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	2	3	2	0	2	3%
Driver Obstructed	0	0	0	6	0	2	0	2	1	0	1	5	3	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	1	0	0	0	0	0	0	0	1	1%
Glare on Plate	2	0	0	0	0	0	0	0	1	2	5	2	2	3%
Glare on Windshield	0	1	0	2	2	1	0	0	3	0	0	0	2	2%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	1	0	0	1	0	1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	44	33	32	32	28	41	32	24	24	30	25	21	31	41%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	1	0	2	0	0	2	2%
Out of State	1	3	2	2	3	5	4	0	3	5	1	3	3	4%
Plate Obstructed	4	5	6	3	3	3	5	9	3	2	0	3	4	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	18	8	21	21	17	17	12	25	14	20	20	16	17	23%
Total:	70	51	62	68	57	70	56	79	81	70	61	53	75	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	1	0	0	0	1	10%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	2	0	0	1	0	0	1	5	0	2	2	2	21%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	5	5	8	0	5	5	2	10	4	1	8	4	5	50%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	1	0	0	0	0	0	0	0	0	0	1	10%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	1	0	0	0	0	0	1	10%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	5	7	9	0	6	5	3	11	10	1	10	6	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	27	28	28	28	29	29	29	28	28	30	28	28	28	28
Average Issued Red Seconds	2.6	2.3	1.6	2.4	2.8	1.7	2.0	2.3	1.5	2.3	2.1	2.2	2	
Citation / Violation Issuance Rate	57%	63%	63%	63%	68%	65%	74%	61%	60%	65%	68%	74%	65%	
Controllable Issuance Rate	95%	93%	93%	100%	96%	97%	98%	93%	93%	99%	94%	96%	96%	



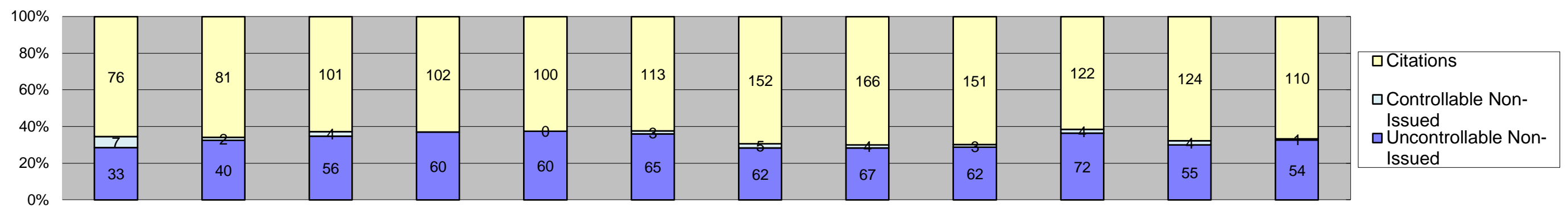
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1331: NB Kester Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	148	136	163	183	182	168	195	183	212	206	187	156	177	77%
Violations	40	46	61	46	48	62	62	65	55	53	60	48	54	23%
Total:	188	182	224	229	230	230	257	248	267	259	247	204	230	100%
Violations														
Uncontrollable Non-Issued	18	15	23	19	12	23	22	22	16	24	16	21	19	35%
Controllable Non-Issued	2	4	2	0	4	1	0	0	0	1	2	1	2	4%
Citations	20	27	36	27	32	38	40	43	39	28	42	26	33	61%
Total:	40	46	61	46	48	62	62	65	55	53	60	48	55	100%
Non-Violations														
Emergency Vehicle Non-Issuable	4	0	2	1	0	0	1	4	3	3	0	0	3	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	19	21	23	33	35	24	20	25	34	31	40	29	28	16%
Rear Axle Activation	0	1	0	0	0	0	0	0	1	0	1	0	1	1%
Right Turn- No Violation	0	0	1	0	0	0	0	1	0	0	0	0	1	1%
Test Shot	125	114	137	149	147	144	174	153	174	172	146	127	147	82%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	148	136	163	183	182	168	195	183	212	206	187	156	179	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	1	0	0	1	0	0	0	0	1	0	0	0	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	0	0	0	0	0	1	4%
Driver Obstructed	2	1	0	0	0	0	0	0	1	0	0	3	2	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	1	0	1	4%
Glare on Windshield	0	1	1	0	0	0	0	0	1	1	2	1	1	5%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	13	7	14	11	9	12	15	13	10	13	9	10	11	46%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	2	1	1	1	1	0	1	0	1	1	0	1	5%
Plate Obstructed	0	0	0	0	0	0	0	1	0	1	0	0	1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	2	4	7	5	2	10	7	7	3	8	3	7	5	22%
Total:	18	15	23	19	12	23	22	22	16	24	16	21	25	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	0	0	0	0	0	0	1	0	1	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	4	2	0	4	1	0	0	0	1	1	1	2	67%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	4	2	0	4	1	0	0	0	1	2	1	3	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	31	34	33	31	33	31	32	33	33	31	32	34	32	32
Average Issued Red Seconds	1.7	1.9	0.8	1.1	1.9	2.8	3.3	1.1	1.8	1.0	1.0	0.9	2	2
Citation / Violation Issuance Rate	50%	59%	59%	59%	67%	61%	65%	66%	71%	53%	70%	54%	61%	61%
Controllable Issuance Rate	91%	87%	95%	100%	89%	97%	100%	100%	100%	97%	95%	96%	96%	96%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	128	123	135	141	137	144	137	159	135	141	135	145	138	44%
Violations	116	123	161	162	160	181	219	237	216	198	183	165	177	56%
Total:	244	246	296	303	297	325	356	396	351	339	318	310	315	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	33	40	56	60	60	65	62	67	62	72	55	54	57	32%
Controllable Non-Issued	7	2	4	0	0	3	5	4	3	4	4	1	4	2%
Citations	76	81	101	102	100	113	152	166	151	122	124	110	117	66%
Total:	116	123	161	162	160	181	219	237	216	198	183	165	177	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	2	0	1	1	0	0	1	1	2	0	1	0	1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	7	18	16	20	18	33	11	44	24	21	16	31	22	15%
Rear Axle Activation	0	1	0	0	1	0	0	0	0	1	3	0	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	119	104	118	118	118	110	125	114	109	119	115	114	115	82%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	2	0	1	0	0	0	0	0	0	2	1%
Total:	128	123	135	141	137	144	137	159	135	141	135	145	141	100%

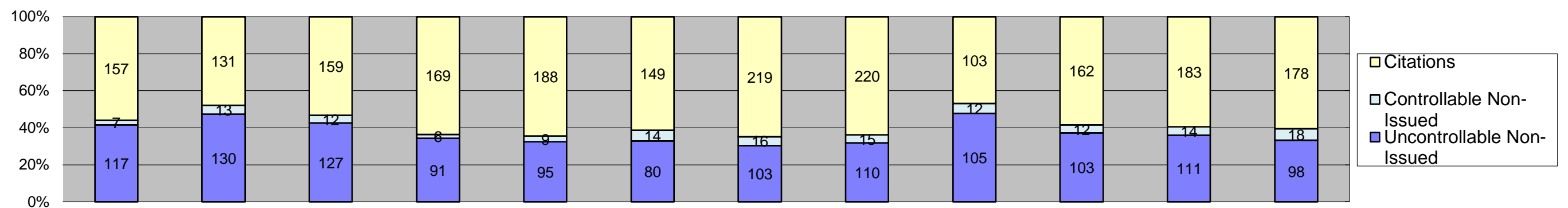
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	2	0	0	0	0	2	2%
Car Obstructed	0	0	0	1	0	0	0	0	0	0	0	0	1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	2	1	0	1	1	0	1	2%
Driver Obstructed	0	4	1	6	6	9	1	9	4	0	7	3	5	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	0	1	0	0	1	1%
Glare on Plate	1	0	0	0	0	2	0	0	0	5	7	6	4	6%
Glare on Windshield	0	0	0	0	1	0	0	0	0	0	0	0	1	1%
Illegible Plate	0	0	0	0	0	0	0	0	0	1	1	0	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	1	0	0	0	1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	27	15	33	27	26	29	28	33	35	34	24	22	28	40%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	2	3	2	4	3	3	0	3	3	0	1	3	4%
Out of State	0	2	0	4	2	3	3	7	2	8	2	2	4	5%
Plate Obstructed	0	0	0	2	1	1	0	0	1	1	0	0	1	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	5	17	19	18	20	18	23	15	16	18	13	20	17	24%
Total:	33	40	56	60	60	65	62	67	62	72	55	54	69	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	1	0	0	1	18%
Dark Interior	0	0	1	0	0	0	0	0	0	0	0	0	1	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	7	2	3	0	0	3	5	4	3	3	4	1	4	64%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	7	2	4	0	0	3	5	4	3	4	4	1	6	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	34	32	33	33	34	33	34	33	31	32	33	32	33
Average Issued Red Seconds	0.7	0.6	1.0	1.0	0.8	1.1	0.8	1.0	0.8	0.9	0.9	1.0	1
Citation / Violation Issuance Rate	66%	66%	63%	63%	63%	62%	69%	70%	70%	62%	68%	67%	66%
Controllable Issuance Rate	92%	98%	96%	100%	100%	97%	97%	98%	98%	97%	97%	99%	97%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Non-Violations	151	143	203	169	162	175	177	166	150	173	159	176	167	37%
Violations	281	274	298	266	292	243	338	345	220	277	308	294	286	63%
Total:	432	417	501	435	454	418	515	511	370	450	467	470	453	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Uncontrollable Non-Issued	117	130	127	91	95	80	103	110	105	103	111	98	106	37%
Controllable Non-Issued	7	13	12	6	9	14	16	15	12	12	14	18	12	4%
Citations	157	131	159	169	188	149	219	220	103	162	183	178	168	59%
Total:	281	274	298	266	292	243	338	345	220	277	308	294	286	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Emergency Vehicle Non-Issuable	4	5	5	5	3	5	4	11	7	16	2	1	6	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	2	0	0	0	0	0	0	0	0	2	1%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	29	28	42	43	38	54	47	35	32	37	45	52	40	24%
Rear Axle Activation	1	1	0	0	2	0	0	0	1	3	1	0	2	1%
Right Turn- No Violation	0	0	0	0	0	0	1	0	0	0	0	0	1	1%
Test Shot	117	109	156	119	119	116	125	120	110	117	111	123	120	70%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	151	143	203	169	162	175	177	166	150	173	159	176	171	100%

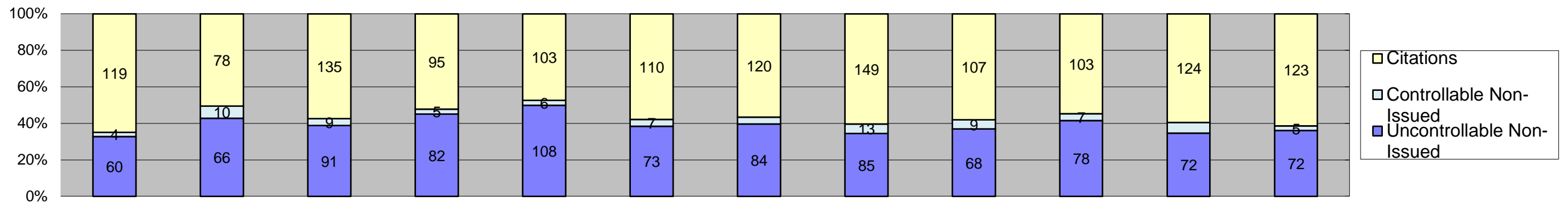
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Car Obstructed	9	4	9	5	7	6	13	14	13	4	16	9	9	8%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	2	0	0	0	0	2	1	0	1	1	1	1	1%
Driver Obstructed	3	9	4	2	0	1	1	5	4	1	7	11	4	4%
Exposed	0	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	0	0	0	1	1%
Glare on Plate	0	2	1	0	3	2	4	0	0	1	2	1	2	2%
Glare on Windshield	8	25	18	2	0	2	0	5	16	8	3	0	10	8%
Illegible Plate	0	0	0	0	1	1	1	3	3	6	10	8	4	4%
Interest of Justice- PD	0	1	0	0	0	0	0	0	0	0	0	0	1	1%
Image Quality- PD	1	0	0	0	0	1	0	0	0	0	0	0	1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	57	43	55	54	45	34	44	35	40	39	43	38	44	38%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	2	0	0	0	1	0	1	0	0	0	0	1	1%
Out of State	4	5	8	6	6	4	3	5	4	6	4	2	5	4%
Plate Obstructed	5	8	8	8	6	5	4	11	6	10	1	6	7	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	28	29	24	14	27	23	30	29	19	27	23	22	25	21%
Total:	117	130	127	91	95	80	103	110	105	103	111	98	117	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	2	0	0	1	0	0	0	0	2	8%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	4	4	6	4	3	3	3	1	5	9	9	5	24%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	7	9	8	0	3	5	13	8	11	6	5	8	8	39%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	6	0	0	0	0	0	1	4	18%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	3	0	1	0	0	2	10%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	7	13	12	6	9	14	16	15	12	12	14	18	19	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	34	33	34	33	34	34	34	34	33	33	33	33	34	34
Average Issued Red Seconds	0.9	0.8	1.0	0.6	0.7	0.8	0.7	0.8	0.8	0.8	1.0	0.7	1	1
Citation / Violation Issuance Rate	56%	48%	53%	64%	64%	61%	65%	64%	47%	58%	59%	61%	58%	58%
Controllable Issuance Rate	96%	91%	93%	97%	95%	91%	93%	94%	90%	93%	93%	91%	93%	93%



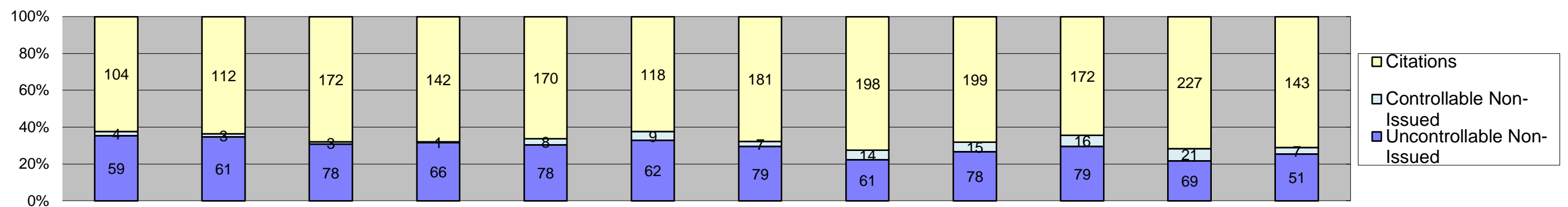
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1342: SB Sepulveda Blvd @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	212	161	205	196	194	202	192	207	245	210	189	195	201	50%
Violations	183	154	235	182	217	190	212	247	184	188	208	200	200	50%
Total:	395	315	440	378	411	392	404	454	429	398	397	395	401	100%
Violations														
Uncontrollable Non-Issued	60	66	91	82	108	73	84	85	68	78	72	72	78	39%
Controllable Non-Issued	4	10	9	5	6	7	8	13	9	7	12	5	8	4%
Citations	119	78	135	95	103	110	120	149	107	103	124	123	114	57%
Total:	183	154	235	182	217	190	212	247	184	188	208	200	200	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	4	4	4	3	0	2	3	5	4	0	1	4	1%
Emergency Vehicle PD	1	0	0	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress- PD	0	0	0	2	0	0	0	0	1	0	0	0	2	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	82	44	82	71	76	89	61	83	102	83	68	68	76	24%
Rear Axle Activation	2	1	0	0	0	1	0	1	0	1	2	0	1	0%
Right Turn- No Violation	7	3	0	0	1	2	5	3	9	2	1	0	4	1%
Test Shot	115	0	119	119	114	110	124	117	128	120	118	126	119	38%
Train Activation	0	109	0	0	0	0	0	0	0	0	0	0	109	35%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	212	161	205	196	194	202	192	207	245	210	189	195	315	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	1	8	10	6	16	3	7	3	2	12	4	4	6	7%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	2	2	1	3	2	3	0	2	1	2	2%
Driver Obstructed	0	3	2	1	3	1	0	5	0	1	4	5	3	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	1	1	2	0	3	0	0	0	2	2%
Glare on Windshield	0	4	7	8	24	25	11	8	16	3	0	0	12	14%
Illegible Plate	0	0	1	0	0	0	0	0	0	0	1	1	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	38	36	49	34	35	25	29	39	26	29	34	35	34	39%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	4	0	0	0	0	0	1	0	0	0	0	0	3	3%
Out of State	0	2	6	7	6	3	6	3	5	9	3	6	5	6%
Plate Obstructed	3	4	2	7	2	4	6	1	3	4	3	4	4	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	14	8	14	17	19	10	19	24	10	20	21	16	16	18%
Total:	60	66	91	82	108	73	84	85	68	78	72	72	87	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	2	3	5	4	1	1	3	4	5	2	1	3	27%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	1	0	0	0	0	1	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	4	8	6	0	2	5	7	9	5	2	10	4	6	54%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	1	0	0	0	0	0	0	1	10%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	10	9	5	6	7	8	13	9	7	12	5	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	36	33	35	34	34	36	36	34	33	33	34	34	34	34
Average Issued Red Seconds	1.5	1.1	1.1	1.3	2.5	1.1	2.1	0.8	1.8	1.5	1.2	1.3	1	1
Citation / Violation Issuance Rate	65%	51%	57%	52%	47%	58%	57%	60%	58%	55%	60%	62%	57%	57%
Controllable Issuance Rate	97%	89%	94%	95%	94%	94%	94%	92%	92%	94%	91%	96%	93%	93%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Non-Violations	144	126	155	172	178	157	175	185	164	199	163	145	164	41%
Violations	167	176	253	209	256	189	267	273	292	267	317	201	239	59%
Total:	311	302	408	381	434	346	442	458	456	466	480	346	403	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Uncontrollable Non-Issued	59	61	78	66	78	62	79	61	78	79	69	51	68	29%
Controllable Non-Issued	4	3	3	1	8	9	7	14	15	16	21	7	9	4%
Citations	104	112	172	142	170	118	181	198	199	172	227	143	162	68%
Total:	167	176	253	209	256	189	267	273	292	267	317	201	239	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Emergency Vehicle Non-Issuable	3	4	2	4	3	2	1	4	4	1	0	1	3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	29	21	33	56	56	48	51	62	53	77	47	32	47	28%
Rear Axle Activation	0	0	1	0	0	1	0	1	0	1	0	0	1	1%
Right Turn- No Violation	0	0	0	0	1	0	1	1	0	0	0	0	1	1%
Test Shot	112	101	119	112	118	106	121	117	107	120	116	112	113	68%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	1	0	0	0	0	0	1	1%
Total:	144	126	155	172	178	157	175	185	164	199	163	145	166	100%

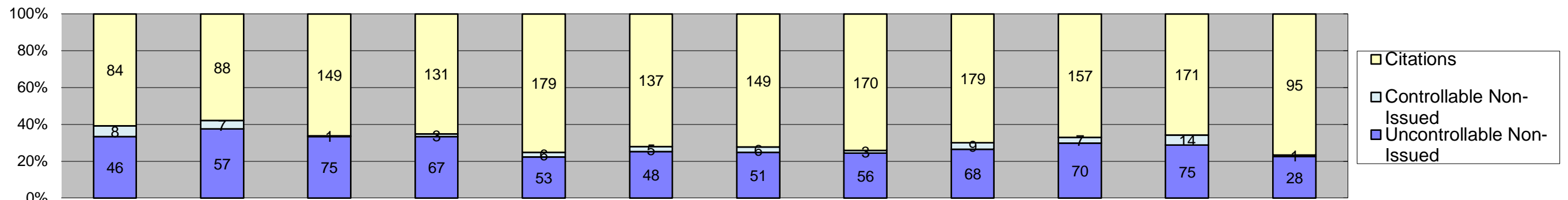
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	1	0	0	1	0	0	1	0	2	0	0	0	1	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	0	0	0	0	1	0	0	0	1	2	1	1	2%
Driver Obstructed	0	3	0	5	1	0	1	0	3	2	1	4	3	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	2	0	0	0	0	0	2	3%
Glare on Plate	0	0	0	0	0	2	1	0	0	0	0	0	2	2%
Glare on Windshield	0	0	0	0	0	1	1	2	5	3	0	1	2	3%
Illegible Plate	1	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	1	0	1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	29	33	47	33	40	26	42	32	37	39	30	24	34	44%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	0	0	0	0	0	0	0	1	0	1	1%
Out of State	6	4	4	3	6	3	3	6	5	5	5	4	5	6%
Plate Obstructed	1	1	2	1	1	0	3	1	0	1	0	0	1	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	19	20	24	23	30	29	25	20	26	27	29	17	24	31%
Total:	59	61	78	66	78	62	79	61	78	79	69	51	78	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	3	2	1	1	0	0	1	3	6	2	0	2	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	3	0	1	0	7	9	7	13	11	10	19	7	9	67%
Framing- PD	0	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	0	1	8%
Framing of Driver	0	0	0	0	0	0	0	0	1	0	0	0	1	8%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	3	3	1	8	9	7	14	15	16	21	7	13	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	23	23	23	23	23	23	23	23	23	22	22	24	23	23
Average Issued Red Seconds	11.6	10.1	10.2	9.1	9.9	9.3	11.5	11.5	13.3	11.9	11.1	9.7	11	11
Citation / Violation Issuance Rate	62%	64%	68%	68%	66%	62%	68%	73%	68%	64%	72%	71%	67%	67%
Controllable Issuance Rate	96%	97%	98%	99%	96%	93%	96%	93%	93%	91%	92%	95%	95%	95%



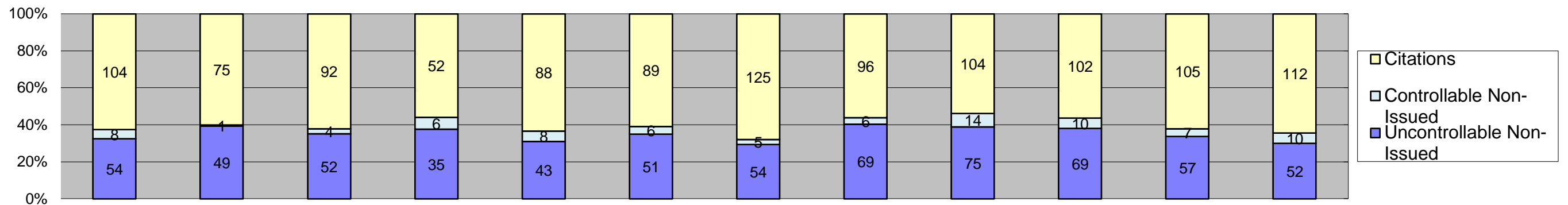
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1352: SB Woodley @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	167	124	155	159	158	136	153	159	158	170	162	136	153	43%
Violations	138	152	225	201	238	190	206	229	256	234	260	124	204	57%
Total:	305	276	380	360	396	326	359	388	414	404	422	260	358	100%
Violations														
Uncontrollable Non-Issued	46	57	75	67	53	48	51	56	68	70	75	28	58	28%
Controllable Non-Issued	8	7	1	3	6	5	6	3	9	7	14	1	6	3%
Citations	84	88	149	131	179	137	149	170	179	157	171	95	141	69%
Total:	138	152	225	201	238	190	206	229	256	234	260	124	204	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	0	1	2	0	0	0	6	3	0	0	0	3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	41	27	34	46	39	26	36	33	39	53	32	14	35	22%
Rear Axle Activation	1	0	2	0	1	0	0	1	5	3	14	5	4	3%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	125	97	118	111	118	110	117	119	111	114	116	117	114	73%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	167	124	155	159	158	136	153	159	158	170	162	136	156	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	0	0	0	0	0	2	3%
Car Obstructed	0	3	9	3	1	1	1	1	2	0	3	0	3	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	2	1	1	1	1	2	1	1	2%
Driver Obstructed	1	4	2	3	3	4	0	4	7	1	0	3	3	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	0	0	0	0	1	1%
Glare on Plate	2	1	1	3	0	1	0	0	1	2	5	1	2	3%
Glare on Windshield	0	0	0	2	1	1	0	1	1	0	0	0	1	2%
Illegible Plate	0	1	0	0	0	0	1	1	0	2	5	1	2	3%
Interest of Justice- PD	0	0	0	0	0	1	0	2	0	0	0	0	2	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	22	27	37	26	26	15	24	17	25	29	28	10	24	35%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	1	0	1	0	0	0	1	1	1%
Out of State	2	2	3	8	1	4	4	6	7	1	5	1	4	5%
Plate Obstructed	3	4	1	3	1	3	1	4	5	6	1	0	3	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	16	15	22	19	20	15	16	18	19	28	25	10	19	28%
Total:	46	57	75	67	53	48	51	56	68	70	75	28	68	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	2	1	2	1	0	0	0	2	2	1	0	2	15%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	8	5	0	0	5	4	6	2	7	5	13	1	6	55%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	1	0	0	0	0	0	0	0	0	1	10%
Framing of Driver	0	0	0	0	0	1	0	0	0	0	0	0	1	10%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	1	0	0	0	0	1	10%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	8	7	1	3	6	5	6	3	9	7	14	1	10	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	19	19	19	16	19	19	19	19	19	19	20	19	19
Average Issued Red Seconds	2.8	1.7	2.7	2.3	2.4	2.6	2.4	2.6	2.4	2.2	2.7	2.4	2	
Citation / Violation Issuance Rate	61%	58%	66%	65%	75%	72%	72%	74%	70%	67%	66%	77%	69%	
Controllable Issuance Rate	91%	93%	99%	98%	97%	96%	96%	98%	95%	96%	92%	99%	96%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Non-Violations	156	151	173	164	166	178	188	180	177	184	196	191	175	53%
Violations	166	125	148	93	139	146	184	171	193	181	169	174	157	47%
Total:	322	276	321	257	305	324	372	351	370	365	365	365	333	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Uncontrollable Non-Issued	54	49	52	35	43	51	54	69	75	69	57	52	55	35%
Controllable Non-Issued	8	1	4	6	8	6	5	6	14	10	7	10	7	4%
Citations	104	75	92	52	88	89	125	96	104	102	105	112	95	61%
Total:	166	125	148	93	139	146	184	171	193	181	169	174	157	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Emergency Vehicle Non-Issuable	3	2	6	3	1	5	6	3	6	4	1	0	4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	35	48	48	41	50	54	65	59	60	64	83	79	57	32%
Rear Axle Activation	0	0	0	0	0	2	0	0	0	1	0	0	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Test Shot	118	101	119	120	115	117	117	117	111	115	111	112	114	64%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	156	151	173	164	166	178	188	180	177	184	196	191	179	100%

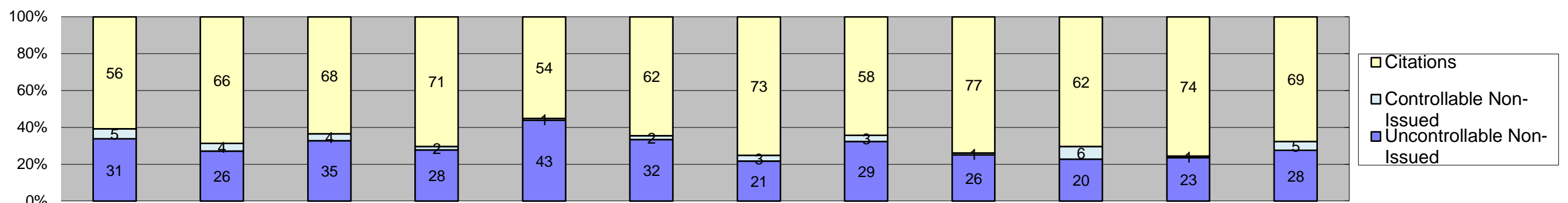
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	2	1	1	1	2	0	0	1	0	1	0	1	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	0	1	1	0	0	2	0	1	2	3	2	2	3%
Driver Obstructed	0	3	4	0	1	1	0	2	3	0	6	8	4	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	1	0	0	1	2%
Glare on Windshield	2	5	4	5	3	4	3	18	24	13	5	2	7	12%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	2	0	2	2%
Interest of Justice- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	35	27	24	14	14	27	27	28	33	34	30	21	26	42%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	0	0	0	0	0	0	0	0	0	1	2%
Out of State	4	1	1	3	3	1	5	3	3	3	2	3	3	4%
Plate Obstructed	2	2	4	3	2	1	2	2	2	1	0	0	2	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	10	9	12	8	19	15	15	14	8	15	8	16	12	20%
Total:	54	49	52	35	43	51	54	69	75	69	57	52	62	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Conduent Expire	0	0	0	0	1	0	0	0	0	0	0	0	1	11%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	2	6	1	4	0	2	6	6	4	3	4	41%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	8	1	2	0	6	2	5	4	8	4	3	7	5	49%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	8	1	4	6	8	6	5	6	14	10	7	10	9	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	25	25	25	26	26	26	27	26	26	27	27	28	26	26
Average Issued Red Seconds	11.7	11.0	8.2	8.7	8.7	10.2	8.5	10.2	7.8	9.9	10.5	8.1	9	9
Citation / Violation Issuance Rate	63%	60%	62%	56%	63%	61%	68%	56%	54%	56%	62%	64%	60%	60%
Controllable Issuance Rate	93%	99%	96%	90%	92%	94%	96%	94%	88%	91%	94%	92%	93%	93%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Non-Violations	142	120	139	141	137	127	144	160	126	126	133	138	136	58%
Violations	92	96	107	101	98	96	97	90	104	88	98	102	97	42%
Total:	234	216	246	242	235	223	241	250	230	214	231	240	234	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Uncontrollable Non-Issued	31	26	35	28	43	32	21	29	26	20	23	28	29	29%
Controllable Non-Issued	5	4	4	2	1	2	3	3	1	6	1	5	3	3%
Citations	56	66	68	71	54	62	73	58	77	62	74	69	66	68%
Total:	92	96	107	101	98	96	97	90	104	88	98	102	97	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Emergency Vehicle Non-Issuable	1	2	4	3	0	0	4	3	2	3	0	0	3	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	18	17	16	23	18	18	15	37	13	7	15	23	18	13%
Rear Axle Activation	1	1	0	0	0	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	0%
Test Shot	122	100	119	115	119	108	125	120	111	116	118	115	116	84%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	142	120	139	141	137	127	144	160	126	126	133	138	138	100%

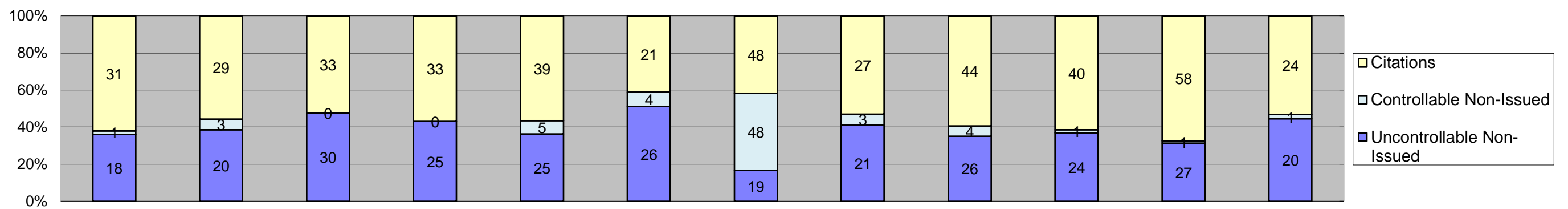
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	1	0	2	0	0	0	0	1	0	0	0	0	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	0	0	0	0	0	1	0	0	0	0	0	1	3%
Driver Obstructed	1	2	0	1	0	1	1	0	0	0	0	1	1	3%
Exposed	0	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	0	0	0	1	3%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	3%
Glare on Windshield	0	3	1	4	11	8	1	1	5	1	0	1	4	10%
Illegible Plate	0	0	0	0	0	1	0	0	0	0	0	1	1	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	2	0	2	5%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	16	12	17	13	20	9	7	15	11	10	12	10	13	34%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	1	0	0	0	0	0	0	0	0	1	0	1	3%
Out of State	1	1	0	2	2	1	2	3	1	2	1	3	2	5%
Plate Obstructed	2	0	1	1	0	2	1	0	0	1	0	1	1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	8	7	14	7	10	10	7	9	9	6	7	10	9	23%
Total:	31	26	35	28	43	32	21	29	26	20	23	28	37	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	2	0	2	0	1	1	1	0	1	0	2	1	37%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	5	2	4	0	1	1	2	2	1	5	1	3	2	63%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	5	4	4	2	1	2	3	3	1	6	1	5	4	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
													Quantity	%
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	28	29	28	28	27	28	26	28	28	28	29	28	28	28
Average Issued Red Seconds	1.8	2.0	2.0	1.5	2.0	1.3	1.6	1.5	1.7	1.8	2.0	3.0	2	
Citation / Violation Issuance Rate	61%	69%	64%	70%	55%	65%	75%	64%	74%	70%	76%	68%	68%	
Controllable Issuance Rate	92%	94%	94%	97%	98%	97%	96%	95%	99%	91%	99%	93%	95%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	125	110	135	143	123	139	136	137	128	145	133	146	133	69%
Violations	50	52	63	9	69	51	115	51	74	65	86	45	61	31%
Total:	175	162	198	152	192	190	251	188	202	210	219	191	194	100%

Violations														
Uncontrollable Non-Issued	18	20	30	25	25	26	19	21	26	24	27	20	23	35%
Controllable Non-Issued	1	3	0	0	5	4	48	3	4	1	1	1	7	11%
Citations	31	29	33	33	39	21	48	27	44	40	58	24	36	54%
Total:	50	52	63	58	69	51	115	51	74	65	86	45	66	100%

Non-Violations														
Emergency Vehicle Non-Issuable	2	1	1	4	2	0	0	1	2	2	0	0	2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	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	0%
No Violation Occurred	8	3	14	17	5	23	13	9	7	10	7	5	10	7%
Rear Axle Activation	0	0	0	0	0	1	0	1	0	2	1	0	1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	115	106	120	121	116	115	123	126	119	131	125	141	122	90%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	125	110	135	143	123	139	136	137	128	145	133	146	136	100%

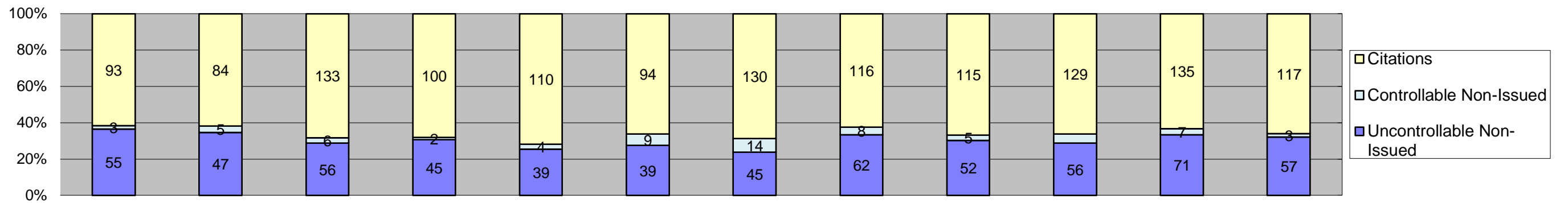
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	0	0	0	0	1	0	0	1	1	3	1	1	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	0	0	0	0	0	0	0	0	0	0	1	1	3%
Driver Obstructed	1	2	6	2	1	2	0	0	0	1	2	3	2	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	1	0	0	1	3%
Glare on Plate	0	0	0	0	1	0	1	0	0	0	1	0	1	3%
Glare on Windshield	0	2	4	7	6	5	3	7	7	7	3	0	5	16%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	2	0	2	6%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	3%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	7	11	14	8	6	5	9	9	10	6	11	7	9	27%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	1	1	0	0	0	0	0	1	1	3%
Out of State	2	1	0	2	4	4	2	1	1	0	1	1	2	6%
Plate Obstructed	2	1	1	1	0	0	1	1	2	2	1	1	1	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	5	3	5	5	6	8	3	2	5	6	3	5	5	15%
Total:	18	20	30	25	25	26	19	21	26	24	27	20	32	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	3	0	0	1	1	1	0	0	2	11%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	2	0	0	0	0	0	2	15%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	1	3	0	0	2	4	46	1	1	0	1	1	7	51%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	1	0	0	0	0	1	8%
Framing of Driver	0	0	0	0	0	0	0	0	2	0	0	0	2	15%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	3	0	0	5	4	48	3	4	1	1	1	13	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	17	17	17	17	17	17	18	18	17	17	18	17	17	
Average Issued Red Seconds	6.7	4.8	5.4	7.2	6.8	7.2	7.2	5.3	7.2	3.4	4.5	7.3	6	
Citation / Violation Issuance Rate	62%	56%	52%	57%	57%	41%	42%	53%	59%	62%	67%	53%	55%	
Controllable Issuance Rate	97%	91%	100%	100%	89%	84%	50%	90%	92%	98%	98%	96%	90%	



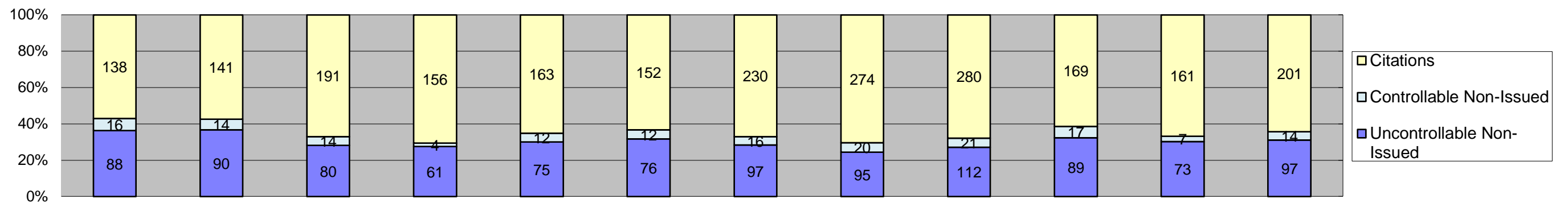
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1372: SB White Oak Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	239	200	238	232	226	239	220	222	218	235	233	215	226	57%
Violations	151	136	195	147	153	142	189	186	172	195	213	177	171	43%
Total:	390	336	433	379	379	381	409	408	390	430	446	392	398	100%
Violations														
Uncontrollable Non-Issued	55	47	56	45	39	39	45	62	52	56	71	57	52	30%
Controllable Non-Issued	3	5	6	2	4	9	14	8	5	10	7	3	6	4%
Citations	93	84	133	100	110	94	130	116	115	129	135	117	113	66%
Total:	151	136	195	147	153	142	189	186	172	195	213	177	171	100%
Non-Violations														
Emergency Vehicle Non-Issuable	5	0	7	7	2	3	0	3	3	3	0	1	4	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	115	97	108	107	102	123	105	95	102	116	114	94	107	47%
Rear Axle Activation	0	0	1	0	0	1	0	2	1	1	3	0	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	119	103	122	118	122	112	115	122	112	115	116	120	116	51%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	239	200	238	232	226	239	220	222	218	235	233	215	228	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	1	0	0	0	0	1	2%
Car Obstructed	1	0	1	1	0	0	0	0	0	0	0	0	1	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	1	0	0	0	1	1	1	1	0	1	2%
Driver Obstructed	4	3	0	0	1	1	0	4	1	0	6	3	3	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	2	0	0	0	0	0	0	0	0	2	3%
Glare on Plate	3	1	0	2	0	0	0	0	1	1	4	2	2	3%
Glare on Windshield	0	0	0	0	0	1	0	0	1	0	0	0	1	2%
Illegible Plate	0	0	0	0	0	0	0	0	0	1	0	0	1	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	32	26	32	28	27	25	25	35	35	30	32	31	30	48%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	1	0	0	0	0	1	0	0	0	0	0	1	2%
Out of State	1	5	6	5	2	3	5	4	2	4	3	1	3	5%
Plate Obstructed	2	2	1	1	0	0	0	7	4	3	0	2	3	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	11	9	16	5	9	9	13	10	7	16	24	18	12	20%
Total:	55	47	56	45	39	39	45	62	52	56	71	57	62	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	1	0	0	0	0	1	9%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	1	2	0	0	1	0	1	4	0	0	2	17%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	1	0	1	0	0	0	1	9%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	5	5	0	4	9	12	7	3	6	7	3	6	54%
Framing- PD	0	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	0	1	9%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3	5	6	2	4	9	14	8	5	10	7	3	11	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	34	34	35	35	36	35	38	37	34	33	36	35	35	35
Average Issued Red Seconds	1.8	1.7	1.4	1.9	1.7	2.4	1.4	1.3	2.4	1.4	1.0	1.0	2	2
Citation / Violation Issuance Rate	62%	62%	68%	68%	72%	66%	69%	62%	67%	66%	63%	66%	66%	66%
Controllable Issuance Rate	97%	94%	96%	98%	96%	91%	90%	94%	96%	93%	95%	98%	95%	95%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	180	183	185	189	169	193	197	191	179	170	181	177	183	39%
Violations	242	245	285	221	250	240	343	389	413	275	241	312	288	61%
Total:	422	428	470	410	419	433	540	580	592	445	422	489	471	100%

Violations														
Uncontrollable Non-Issued	88	90	80	61	75	76	97	95	112	89	73	97	86	30%
Controllable Non-Issued	16	14	14	4	12	12	16	20	21	17	7	14	14	5%
Citations	138	141	191	156	163	152	230	274	280	169	161	201	188	65%
Total:	242	245	285	221	250	240	343	389	413	275	241	312	288	100%

Non-Violations														
Emergency Vehicle Non-Issuable	2	2	3	5	3	6	2	4	3	2	0	0	3	2%
Emergency Vehicle PD	0	1	0	0	0	1	0	0	0	0	0	1	1	1%
Intersection Control in Progress- PD	0	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	0%
No Violation Occurred	55	61	60	67	49	64	75	71	65	52	65	54	62	32%
Rear Axle Activation	1	0	0	0	0	0	0	1	0	0	2	1	1	1%
Right Turn- No Violation	0	0	1	0	0	13	0	0	0	0	0	4	6	3%
Test Shot	122	119	121	116	117	109	120	115	111	116	114	117	116	61%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	180	183	185	189	169	193	197	191	179	170	181	177	190	100%

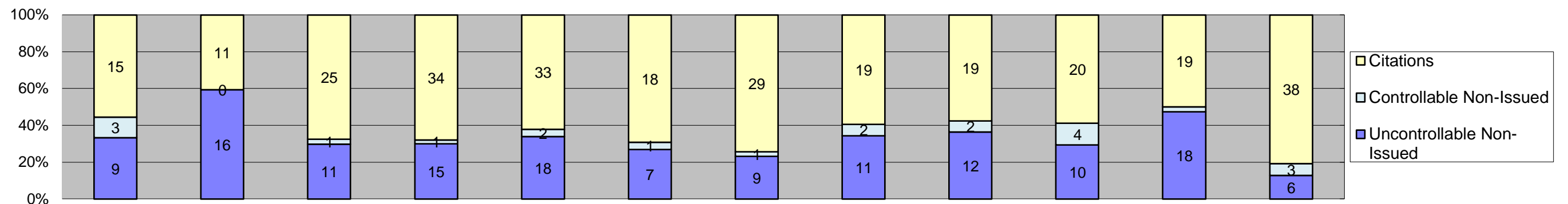
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	3	0	0	0	0	2	2%
Car Obstructed	4	0	0	2	3	1	1	1	1	1	3	4	2	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	1	0	0	1	0	1	3	0	0	1	1	1%
Driver Obstructed	4	2	5	1	0	1	0	2	1	1	0	4	2	2%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	0	0	0	0	1	1%
Glare on Plate	4	6	5	2	0	0	1	4	7	14	14	16	7	6%
Glare on Windshield	0	0	0	0	1	0	1	4	1	0	0	0	2	1%
Illegible Plate	0	0	0	0	0	0	0	0	0	2	1	4	2	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	38	36	39	30	40	45	48	41	60	40	30	35	40	34%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	1	0	1	0	0	1	0	0	0	0	0	1	1%
Out of State	3	3	10	3	6	3	7	11	1	3	2	5	5	4%
Plate Obstructed	4	4	2	3	5	2	8	6	2	4	0	2	4	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	22	0	0	0	0	0	0	0	0	0	0	22	19%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	31	16	18	19	20	23	28	22	36	24	22	26	24	20%
Total:	88	90	80	61	75	76	97	95	112	89	73	97	117	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	1	0	0	0	0	0	0	0	1	5%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	2	5	5	4	1	0	0	5	8	8	2	5	5	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	1	0	0	0	0	1	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	9	9	7	0	3	10	15	12	11	8	5	9	9	44%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	5	0	2	0	7	2	1	2	0	1	0	0	3	14%
Framing of Driver	0	0	0	0	0	0	0	0	2	0	0	0	2	10%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	16	14	14	4	12	12	16	20	21	17	7	14	20	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	33	34	32	31	34	33	32	32	32	30	30	32	32	
Average Issued Red Seconds	1.0	2.1	2.1	1.9	1.4	1.4	2.0	1.2	1.8	1.9	2.2	1.6	2	
Citation / Violation Issuance Rate	57%	58%	67%	71%	65%	63%	67%	70%	68%	61%	67%	64%	65%	
Controllable Issuance Rate	90%	91%	93%	98%	93%	93%	93%	93%	93%	91%	96%	93%	93%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	159	157	178	150	179	235	261	244	225	218	195	182	199	84%
Violations	27	27	37	50	53	26	39	32	33	34	38	47	37	16%
Total:	186	184	215	200	232	261	300	276	258	252	233	229	236	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	9	16	11	15	18	7	9	11	12	10	18	6	12	32%
Controllable Non-Issued	3	0	1	1	2	1	1	2	2	4	1	3	2	5%
Citations	15	11	25	34	33	18	29	19	19	20	19	38	23	63%
Total:	27	27	37	50	53	26	39	32	33	34	38	47	37	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	0	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	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	81	89	87	71	89	131	151	133	123	122	91	82	104	52%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	78	68	91	79	90	104	110	111	102	96	104	100	94	48%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	159	157	178	150	179	235	261	244	225	218	195	182	199	100%

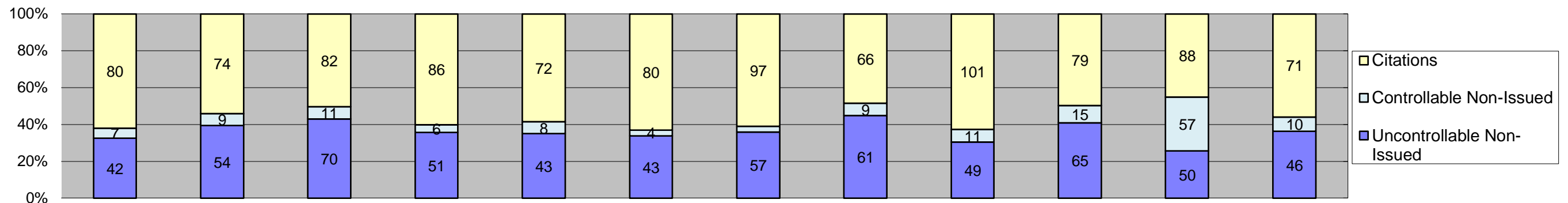
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	0	0	0	0	0	0	0	0	1	0	0	1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	1	0	0	0	1	0	1	1	1	1	1	5%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	1	0	0	0	0	0	0	1	0	0	0	1	5%
Glare on Windshield	0	1	2	1	3	0	0	1	1	1	1	0	1	7%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	1	0	0	1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	4	9	4	9	7	3	5	5	7	2	11	2	6	30%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	1	1	5%
Out of State	0	2	2	0	0	1	0	0	1	0	0	0	2	8%
Plate Obstructed	1	1	0	1	0	0	0	0	0	0	2	0	1	7%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	1	0	0	2	1	0	0	0	0	0	0	1	7%
TSB No Hit	4	1	2	4	6	2	3	5	1	4	3	2	3	16%
Total:	9	16	11	15	18	7	9	11	12	10	18	6	19	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	1	0	0	0	0	0	0	0	1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	3	0	0	1	0	0	1	1	2	4	0	2	2	50%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	1	0	1	1	0	1	0	0	1	1	1	25%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3	0	1	1	2	1	1	2	2	4	1	3	4	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	16	16	14	13	15	14	14	16	15	15	15	14	15	15
Average Issued Red Seconds	43.7	18.5	48.0	86.0	22.6	45.0	42.8	40.2	24.9	44.0	49.5	71.6	45	45
Citation / Violation Issuance Rate	56%	41%	68%	68%	62%	69%	74%	59%	58%	59%	50%	81%	62%	62%
Controllable Issuance Rate	83%	100%	96%	97%	94%	95%	97%	90%	90%	83%	95%	93%	93%	93%



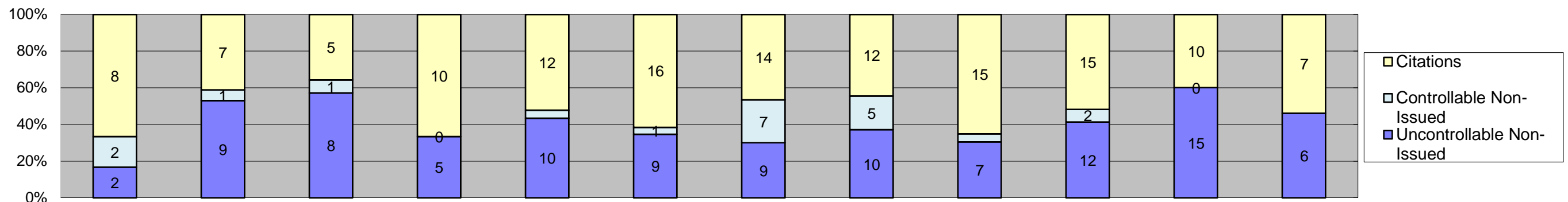
**Los Angeles County MTA Orange Line
Approach Summary Report
Location 1391: NB Reseda Blvd @ Busway**



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	148	137	153	143	149	137	165	156	151	158	162	154	151	51%
Violations	129	137	163	143	123	127	159	136	161	159	195	127	147	49%
Total:	277	274	316	286	272	264	324	292	312	317	357	281	298	100%
Violations														
Uncontrollable Non-Issued	42	54	70	51	43	43	57	61	49	65	50	46	53	36%
Controllable Non-Issued	7	9	11	6	8	4	5	9	11	15	57	10	13	9%
Citations	80	74	82	86	72	80	97	66	101	79	88	71	81	55%
Total:	129	137	163	143	123	127	159	136	161	159	195	127	147	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	7	5	1	5	4	4	6	8	5	0	0	5	3%
Emergency Vehicle PD	0	1	0	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	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	27	19	22	27	24	18	35	31	36	37	27	36	28	18%
Rear Axle Activation	0	2	0	0	0	2	0	1	0	0	2	0	2	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	120	108	126	115	120	113	126	118	107	116	133	118	118	77%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	148	137	153	143	149	137	165	156	151	158	162	154	154	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	1	8	3	0	1	5	3	1	3	7	0	4	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	2	0	1	4	2	2	3	1	1	2	3%
Driver Obstructed	11	8	4	0	0	0	0	5	0	0	4	11	7	12%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	5	3	12	11	4	9	7	11	9	17	8	3	8	13%
Illegible Plate	1	0	0	0	0	0	0	0	0	0	1	0	1	2%
Interest of Justice- PD	0	0	0	0	0	2	0	0	0	0	0	0	2	3%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	15	24	25	24	18	18	20	25	26	25	14	14	21	33%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	1	0	0	0	0	1	1	2%
Out of State	0	5	4	3	2	1	4	5	4	5	3	1	3	5%
Plate Obstructed	0	2	3	2	4	2	3	3	2	3	2	2	3	4%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	10	11	14	6	15	9	13	7	5	9	10	13	10	16%
Total:	42	54	70	51	43	43	57	61	49	65	50	46	62	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	5	8	4	2	2	2	3	3	11	8	5	5	27%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	4	3	2	5	1	3	5	3	3	48	5	7	39%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	5	0	0	0	1	1	0	1	0	0	0	0	2	11%
Framing of Driver	0	0	0	0	0	0	0	0	5	1	0	0	3	17%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	1	0	1	6%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	7	9	11	6	8	4	5	9	11	15	57	10	18	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	19	19	19	19	19	18	19	19	19	19	19	19	19
Average Issued Red Seconds	3.0	3.1	3.8	2.1	2.2	2.7	4.4	4.2	1.6	3.4	3.7	3.0	3	
Citation / Violation Issuance Rate	62%	54%	50%	60%	59%	63%	61%	49%	63%	50%	45%	56%	56%	
Controllable Issuance Rate	92%	89%	88%	93%	90%	95%	95%	88%	90%	84%	61%	88%	88%	



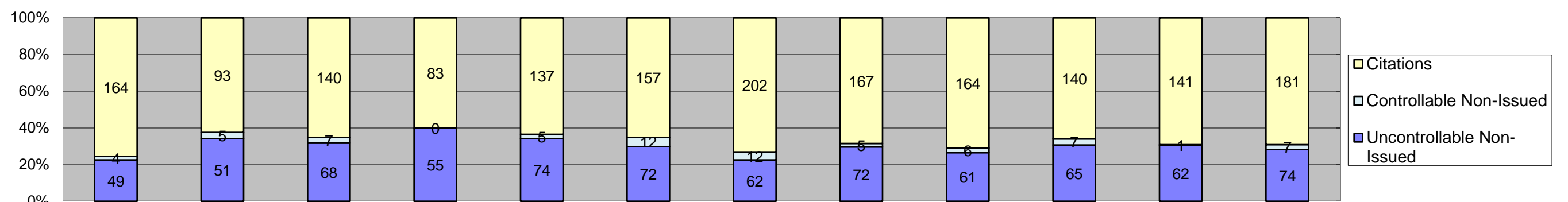
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1392: SB Reseda Ave @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	139	127	131	130	127	138	157	131	128	137	126	130	133	86%
Violations	12	17	14	15	23	26	30	27	23	29	25	13	21	14%
Total:	151	144	145	145	150	164	187	158	151	166	151	143	155	100%
Violations														
Uncontrollable Non-Issued	2	9	8	5	10	9	9	10	7	12	15	6	9	39%
Controllable Non-Issued	2	1	1	0	1	1	7	5	1	2	0	0	2	11%
Citations	8	7	5	10	12	16	14	12	15	15	10	7	11	50%
Total:	12	17	14	15	23	26	30	27	23	29	25	13	22	100%
Non-Violations														
Emergency Vehicle Non-Issuable	3	3	1	0	0	0	2	0	0	1	0	0	2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	2	3	3	4	3	5	6	3	8	8	11	5	5	4%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Test Shot	134	121	127	126	124	133	149	127	120	128	114	125	127	93%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	139	127	131	130	127	138	157	131	128	137	126	130	136	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	1	3	2	2	1	2	4	1	2	3	0	2	14%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	1	0	0	0	0	0	0	0	1	7	0	3	20%
Glare on Windshield	0	0	0	1	0	0	0	0	0	0	0	0	1	7%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	7%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	2	3	2	2	7	5	5	2	4	6	3	3	4	24%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	2	1	0	0	1	0	1	2	0	0	0	1	9%
Plate Obstructed	0	0	0	0	0	0	0	0	0	1	0	0	1	7%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	0	2	2	0	1	2	2	3	0	2	2	2	2	13%
Total:	2	9	8	5	10	9	9	10	7	12	15	6	15	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	1	0	1	0	2	1	0	1	0	0	1	22%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	2	1	0	0	0	0	5	3	1	1	0	0	2	40%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	1	0	0	0	0	0	0	1	19%
Framing of Driver	0	0	0	0	0	0	0	1	0	0	0	0	1	19%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	1	1	0	1	1	7	5	1	2	0	0	5	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	15	17	16	16	18	17	16	16	18	20	17	16	17	17
Average Issued Red Seconds	25.5	14.7	23.6	19.4	17.7	18.7	20.3	18.3	13.2	18.7	17.4	12.5	18	18
Citation / Violation Issuance Rate	67%	41%	36%	67%	52%	62%	47%	44%	65%	52%	40%	54%	52%	52%
Controllable Issuance Rate	80%	88%	83%	100%	92%	94%	67%	71%	94%	88%	100%	100%	88%	88%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	150	136	166	171	168	159	178	172	143	176	171	174	164	43%
Violations	217	149	215	138	216	241	276	244	231	212	204	262	217	57%
Total:	367	285	381	309	384	400	454	416	374	388	375	436	381	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	49	51	68	55	74	72	62	72	61	65	62	74	64	29%
Controllable Non-Issued	4	5	7	0	5	12	12	5	6	7	1	7	6	3%
Citations	164	93	140	83	137	157	202	167	164	140	141	181	147	68%
Total:	217	149	215	138	216	241	276	244	231	212	204	262	218	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	6	0	2	1	1	3	1	1	0	1	0	0	2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	33	36	45	38	34	29	46	38	32	47	61	61	42	25%
Rear Axle Activation	0	0	0	0	0	1	0	0	0	0	1	0	1	1%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	111	100	119	132	133	126	131	133	111	128	109	113	121	73%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	150	136	166	171	168	159	178	172	143	176	171	174	165	100%

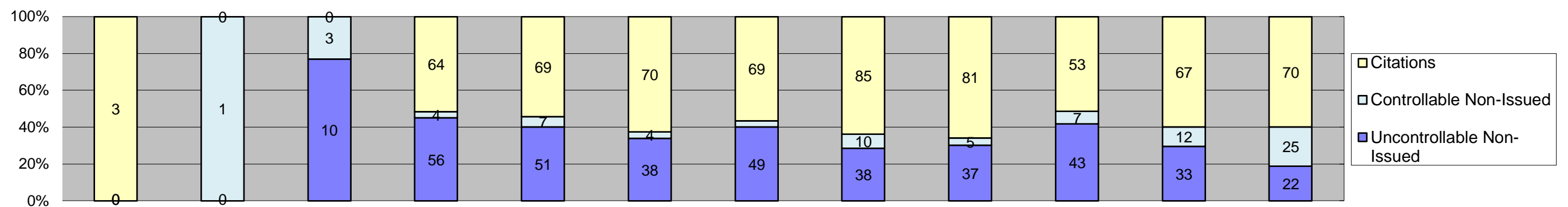
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Car Obstructed	0	1	0	1	0	0	0	0	0	0	1	0	1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	5	0	0	0	0	0	0	0	1	3	4%
Driver Obstructed	1	2	3	1	6	2	0	0	5	5	8	7	4	6%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	0	1	5	8	6	5	5	4	9	1	0	1	5	6%
Illegible Plate	0	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	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	34	31	40	26	40	35	36	45	31	37	32	43	36	50%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	2	2	0	0	2	1	0	0	0	1	0	2	2%
Out of State	1	1	1	3	3	6	5	6	0	2	3	4	3	4%
Plate Obstructed	1	0	0	1	1	0	1	4	1	0	1	0	1	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	12	13	17	10	18	22	14	12	15	20	16	17	16	22%
Total:	49	51	68	55	74	72	62	72	61	65	62	74	72	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	1	1	0	1	0	0	0	1	0	0	2	1	13%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	4	4	6	0	3	10	11	5	4	7	1	5	5	61%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	1	2	1	0	0	0	0	0	1	15%
Framing of Driver	0	0	0	0	0	0	0	0	1	0	0	0	1	11%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	4	5	7	0	5	12	12	5	6	7	1	7	9	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	19	20	20	20	20	19	20	20	20	21	21	20	20
Average Issued Red Seconds	41.0	26.3	50.2	35.7	42.9	32.3	32.4	36.9	34.7	40.5	38.1	35.2	37
Citation / Violation Issuance Rate	76%	62%	65%	60%	63%	65%	73%	68%	71%	66%	69%	69%	67%
Controllable Issuance Rate	98%	95%	95%	100%	96%	93%	94%	97%	96%	95%	99%	96%	96%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	884	759	1,084	1,015	1,105	1,049	1,092	1,160	1,180	1,301	1,157	1,308	1,091	92%
Violations	3	1	13	124	127	112	122	133	123	103	112	117	91	8%
Total:	887	760	1,097	1,139	1,232	1,161	1,214	1,293	1,303	1,404	1,269	1,425	1,182	100%

Violations														
Uncontrollable Non-Issued	0	0	10	56	51	38	49	38	37	43	33	22	38	35%
Controllable Non-Issued	0	1	3	4	7	4	4	10	5	7	12	25	7	7%
Citations	3	0	0	64	69	70	69	85	81	53	67	70	63	58%
Total:	3	1	13	124	127	112	122	133	123	103	112	117	108	100%

Non-Violations														
Emergency Vehicle Non-Issuable	0	0	0	0	0	0	0	0	0	0	1	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	686	450	761	695	857	827	916	986	985	1,086	919	865	836	66%
Rear Axle Activation	0	0	0	0	0	1	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	0%
Test Shot	198	309	323	319	248	221	176	0	195	215	237	443	262	21%
Train Activation	0	0	0	0	0	0	0	174	0	0	0	0	174	14%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	1	0	0	0	0	0	0	0	0	1	0%
Total:	884	759	1,084	1,015	1,105	1,049	1,092	1,160	1,180	1,301	1,157	1,308	1,275	100%

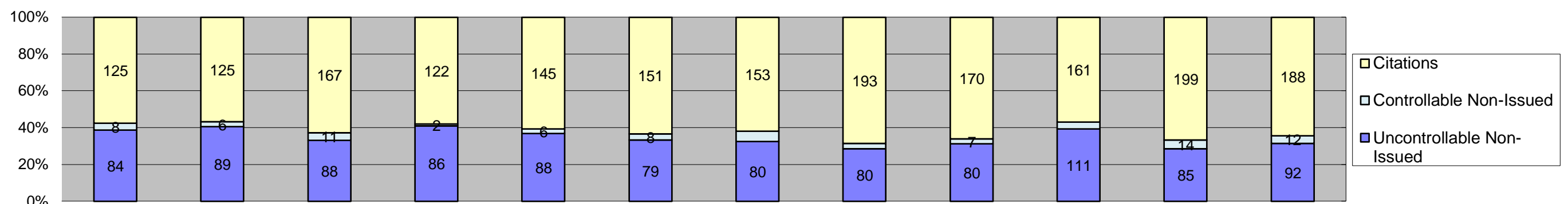
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	0	0	0	0	0	0	0	3	2	0	0	0	3	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	2	2	6	9	5	2	3	0	2	4	8%
Driver Obstructed	0	0	0	3	1	3	1	1	0	0	1	1	2	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	1	0	2	1	0	4	1	0	2	4%
Glare on Windshield	0	0	4	9	8	0	5	6	9	7	5	1	6	12%
Illegible Plate	0	0	0	0	0	0	0	0	0	1	0	0	1	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0	1	0	0	1	2%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	0	4	23	16	17	20	15	12	17	14	12	15	31%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	2	0	0	0	0	1	1	3%
Out of State	0	0	1	2	3	4	3	2	4	2	2	2	3	5%
Plate Obstructed	0	0	0	1	1	1	1	0	1	1	0	0	1	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	2	6	0	0	0	0	0	0	0	4	8%
TSB No Hit	0	0	1	12	13	7	6	5	7	7	10	3	7	15%
Total:	0	0	10	56	51	38	49	38	37	43	33	22	49	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	1	0	0	0	0	0	0	0	1	8%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	1	2	0	0	0	0	1	1	8	3	21%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	2	2	3	2	2	5	4	6	3	0	3	26%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	1	0	1	0	2	2	5	1	0	6	17	4	35%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	1	0	1	0	0	0	0	0	2	0	1	11%
Total:	0	1	3	4	7	4	4	10	5	7	12	25	13	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	0	0	18	17	17	17	17	17	17	17	17	17	17	
Average Issued Red Seconds	0.0	0.0	11.7	11.4	14.6	11.4	11.7	12.9	11.6	11.0	10.3	10.5	12	
Citation / Violation Issuance Rate	100%	0%	0%	52%	54%	63%	57%	64%	66%	51%	60%	60%	63%	
Controllable Issuance Rate	100%	0%	0%	94%	91%	95%	95%	89%	94%	88%	85%	74%	90%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	171	173	167	191	185	162	181	183	162	172	202	191	178	41%
Violations	217	220	266	210	239	238	247	281	257	283	298	292	254	59%
Total:	388	393	433	401	424	400	428	464	419	455	500	483	432	100%

Violations														
Uncontrollable Non-Issued	84	89	88	86	88	79	80	80	80	111	85	92	87	34%
Controllable Non-Issued	8	6	11	2	6	8	14	8	7	11	14	12	9	4%
Citations	125	125	167	122	145	151	153	193	170	161	199	188	158	62%
Total:	217	220	266	210	239	238	247	281	257	283	298	292	254	100%

Non-Violations														
Emergency Vehicle Non-Issuable	11	11	7	7	7	14	7	13	12	16	2	0	10	5%
Emergency Vehicle PD	0	0	0	0	1	0	0	0	0	0	1	0	1	1%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	24	39	34	50	58	31	37	45	35	37	61	51	42	23%
Rear Axle Activation	0	1	0	0	1	7	2	3	2	2	15	1	4	2%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	136	122	126	134	118	110	135	122	113	117	123	139	125	69%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	171	173	167	191	185	162	181	183	162	172	202	191	181	100%

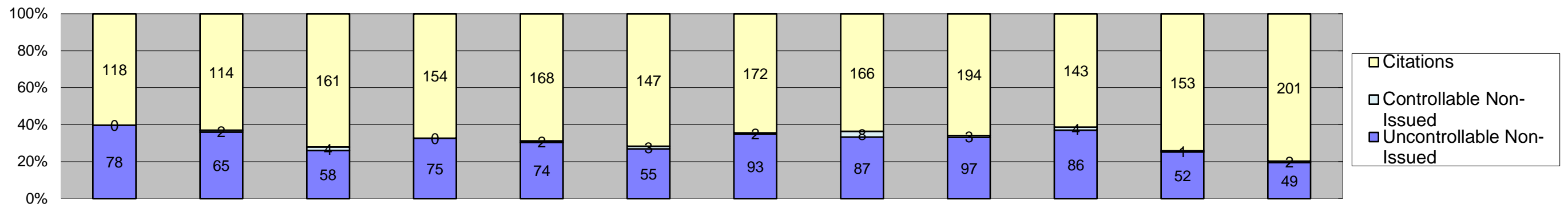
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Car Obstructed	1	1	0	1	3	1	0	2	0	1	4	0	2	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	1	1	1	0	0	2	1	1%
Driver Obstructed	4	4	7	4	1	6	1	1	3	5	8	14	5	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	1	0	1	1	0	0	0	0	0	0	0	1	1%
Glare on Plate	0	0	0	1	1	1	0	0	0	2	2	2	2	2%
Glare on Windshield	0	1	0	0	0	2	0	1	3	1	0	2	2	2%
Illegible Plate	1	0	0	0	0	0	0	0	0	0	3	0	2	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	2	0	2	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	49	41	45	45	50	46	43	50	51	63	43	34	47	49%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	1	2	0	0	0	0	1	0	0	0	1	1%
Out of State	6	3	8	5	3	2	12	5	6	4	3	6	5	5%
Plate Obstructed	1	3	3	3	4	1	1	1	4	4	0	3	3	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	22	35	24	24	25	20	22	18	11	31	20	29	23	24%
Total:	84	89	88	86	88	79	80	80	80	111	85	92	96	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	1	0	0	0	0	0	0	0	1	8%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	1	1	2	1	0	0	0	1	0	3	1	2	2	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	6	4	9	1	4	8	14	5	6	8	13	10	7	59%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	1	1	0	0	1	0	0	0	0	0	0	0	1	8%
Framing of Driver	0	0	0	0	0	0	0	2	1	0	0	0	2	12%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	8	6	11	2	6	8	14	8	7	11	14	12	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	0	
Average Issued Speed	30	30	28	30	30	31	29	31	30	30	28	31	30	
Average Issued Red Seconds	2.0	3.4	3.0	3.0	2.3	4.0	2.6	3.5	2.7	2.1	3.3	2.9	3	
Citation / Violation Issuance Rate	58%	57%	63%	58%	61%	63%	62%	69%	66%	57%	67%	64%	62%	
Controllable Issuance Rate	94%	95%	94%	98%	96%	95%	92%	96%	96%	94%	93%	94%	95%	



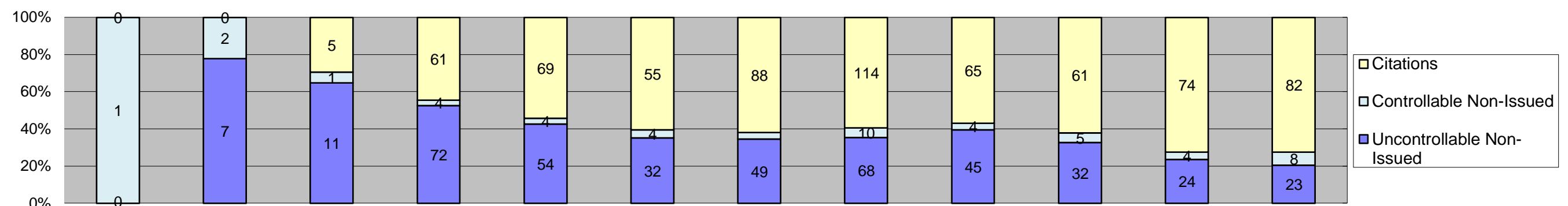
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1414: WB Van Owen St @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	115	119	140	186	154	172	192	174	143	164	142	147	154	40%
Violations	196	181	223	229	244	205	267	261	294	233	206	252	233	60%
Total:	311	300	363	415	398	377	459	435	437	397	348	399	387	100%
Violations														
Uncontrollable Non-Issued	78	65	58	75	74	55	93	87	97	86	52	49	72	31%
Controllable Non-Issued	0	2	4	0	2	3	2	8	3	4	1	2	3	1%
Citations	118	114	161	154	168	147	172	166	194	143	153	201	158	68%
Total:	196	181	223	229	244	205	267	261	294	233	206	252	233	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	10	16	15	17	25	20	15	17	26	24	25	18	12%
Emergency Vehicle PD	0	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	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	57	50	61	98	77	84	115	101	80	85	67	64	78	50%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	51	59	63	73	60	63	57	56	46	53	51	58	58	37%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	1	0	0	0	0	1	1%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	115	119	140	186	154	172	192	174	143	164	142	147	156	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	1	0	0	0	0	2	2%
Car Obstructed	1	1	0	2	1	1	4	2	4	0	1	1	2	2%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	4	1	1	4	4	7	0	0	2	3	4%
Driver Obstructed	2	2	2	3	1	3	1	2	6	8	3	5	3	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	1	0	0	0	1	0	2	2	0	0	0	0	2	2%
Glare on Plate	1	0	0	0	0	1	0	0	2	2	0	0	2	2%
Glare on Windshield	5	3	18	17	18	5	23	33	36	23	11	2	16	19%
Illegible Plate	0	0	0	1	1	0	0	1	0	0	0	0	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	1	1	1%
Image Quality- PD	0	0	0	1	1	0	0	0	0	0	0	0	1	1%
Issuance Criteria Not Met- PD	0	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	0%
No Plate	26	21	11	15	14	9	10	8	7	4	4	5	11	13%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	1	0	0	0	0	0	0	1	1	1	1%
Out of State	4	11	6	11	8	12	15	11	14	12	11	10	10	13%
Plate Obstructed	1	1	0	1	0	1	0	2	0	0	0	0	1	1%
Short Yellow- PD	0	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	0	1	1%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	37	25	21	19	28	22	32	21	21	36	21	22	25	31%
Total:	78	65	58	75	74	55	93	87	97	86	52	49	83	100%
Controllable Non-Issued Violations														
Conduent Expire	0	1	2	0	0	0	0	2	0	0	0	0	2	22%
Clarity of Plate	0	0	0	0	0	1	0	1	3	1	0	2	2	21%
Clarity of Driver	0	0	0	0	0	0	0	0	0	1	0	0	1	13%
Dark Interior	0	1	2	0	2	2	2	3	0	1	1	0	2	23%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	0	1	0	0	2	20%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	2	4	0	2	3	2	8	3	4	1	2	8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	31	29	29	30	29	31	29	29	30	28	28	31	30	30
Average Issued Red Seconds	2.6	3.9	2.2	1.3	2.3	2.9	2.7	3.3	3.4	2.4	2.6	1.6	3	3
Citation / Violation Issuance Rate	60%	63%	72%	67%	69%	72%	64%	64%	66%	61%	74%	80%	68%	68%
Controllable Issuance Rate	100%	98%	98%	100%	99%	98%	99%	95%	98%	97%	99%	99%	98%	98%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	366	328	414	237	270	299	296	318	272	290	287	261	303	76%
Violations	1	9	17	137	127	91	142	192	114	98	102	113	95	24%
Total:	367	337	431	374	397	390	438	510	386	388	389	374	398	100%

Violations														
Uncontrollable Non-Issued	0	7	11	72	54	32	49	68	45	32	24	23	38	35%
Controllable Non-Issued	1	2	1	4	4	4	5	10	4	5	4	8	4	4%
Citations	0	0	5	61	69	55	88	114	65	61	74	82	67	61%
Total:	1	9	17	137	127	91	142	192	114	98	102	113	110	100%

Non-Violations														
Emergency Vehicle Non-Issuable	0	0	1	0	0	0	0	1	0	0	0	0	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	260	240	296	133	157	189	181	200	160	179	177	148	193	64%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	106	88	117	104	113	110	115	117	112	111	110	113	110	36%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	366	328	414	237	270	299	296	318	272	290	287	261	304	100%

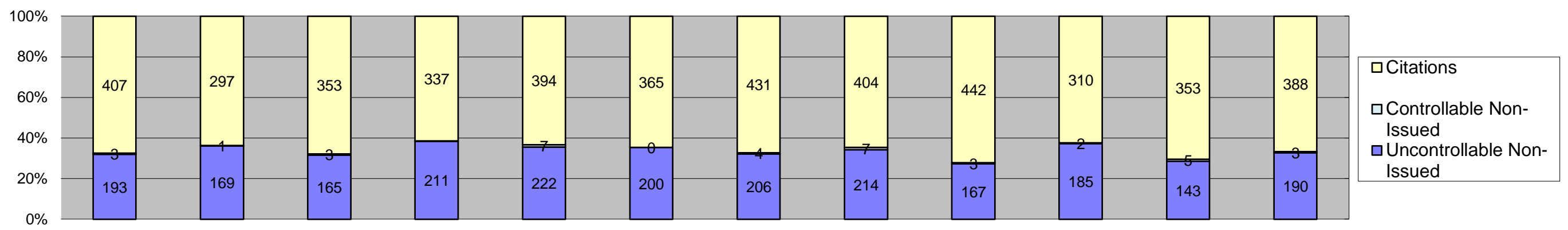
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	2	0	0	0	0	2	4%
Car Obstructed	0	0	0	1	0	0	1	0	3	0	0	0	2	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	3	1	0	2	6	1	3	0	0	3	5%
Driver Obstructed	0	1	1	1	3	2	5	4	1	2	2	0	2	4%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	3	0	0	0	5	1	0	0	0	3	6%
Glare on Windshield	0	0	3	20	4	3	8	8	2	0	1	0	6	11%
Illegible Plate	0	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	0%
Image Quality- PD	0	0	0	0	0	0	0	1	1	0	0	0	1	2%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	5	3	25	18	13	21	24	17	11	15	12	15	28%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	1	1	0	0	0	1	1	2	1	2%
Out of State	0	0	1	2	5	2	3	5	2	6	0	4	3	6%
Plate Obstructed	0	0	1	1	1	0	1	1	2	0	0	0	1	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	5	0	0	0	0	0	0	0	5	9%
TSB No Hit	0	1	2	15	16	11	6	12	15	9	5	5	9	16%
Total:	0	7	11	72	54	32	49	68	45	32	24	23	54	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	3	1	0	0	0	1	0	1	0	2	19%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	1	0	1	0	1	4	1	5	2	2	3	3	2	29%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	2	0	0	2	0	4	5	1	3	0	5	3	40%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	1	0	0	0	0	0	0	0	0	1	13%
Total:	1	2	1	4	4	4	5	10	4	5	4	8	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	0	
Average Issued Speed	0	16	15	15	14	15	14	15	15	15	15	15	15	
Average Issued Red Seconds	0.0	7.8	13.3	13.2	13.2	10.5	12.3	12.3	10.0	7.9	7.2	10.6	11	
Citation / Violation Issuance Rate	0%	0%	29%	45%	54%	60%	62%	59%	57%	62%	73%	73%	57%	
Controllable Issuance Rate	0%	0%	83%	94%	95%	93%	95%	92%	94%	92%	95%	91%	92%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	611	624	714	701	772	726	676	732	583	683	617	716	680	55%
Violations	603	467	521	549	623	565	641	625	612	497	501	581	565	45%
Total:	1,214	1,091	1,235	1,250	1,395	1,291	1,317	1,357	1,195	1,180	1,118	1,297	1,245	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	193	169	165	211	222	200	206	214	167	185	143	190	189	33%
Controllable Non-Issued	3	1	3	1	7	0	4	7	3	2	5	3	4	1%
Citations	407	297	353	337	394	365	431	404	442	310	353	388	373	66%
Total:	603	467	521	549	623	565	641	625	612	497	501	581	566	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	1	1	2	1	0	1	1	1	1	1	0	1	1	0%
Emergency Vehicle PD	0	0	0	0	0	0	0	1	1	0	0	0	1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	608	620	711	695	770	725	674	730	581	682	617	712	677	99%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	2	3	1	5	2	0	1	0	0	0	0	3	2	0%
Total:	611	624	714	701	772	726	676	732	583	683	617	716	682	100%

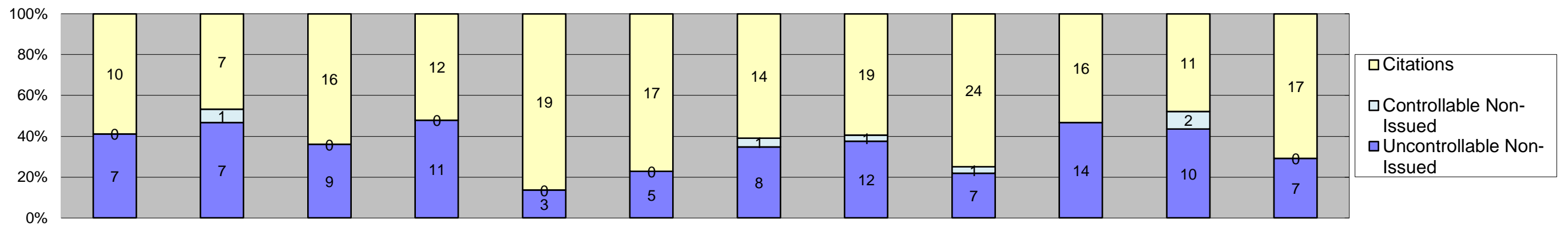
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	2	0	0	0	2	2	0	0	0	0	2	1%
Car Obstructed	2	1	1	1	1	0	1	0	0	1	0	2	1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	2	3	0	0	4	5	2	7	0	2	3	1%
Driver Obstructed	7	3	3	7	12	12	18	10	8	13	7	14	10	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	1	0	0	0	1	0	0	0	0	1	0%
Glare on Plate	14	10	11	5	6	2	2	2	0	2	2	3	5	3%
Glare on Windshield	0	0	0	2	3	8	9	8	5	1	0	1	5	2%
Illegible Plate	0	0	0	0	0	0	0	1	0	0	0	0	1	0%
Interest of Justice- PD	0	0	0	0	0	1	0	0	0	0	0	0	1	0%
Image Quality- PD	1	0	0	0	0	2	0	0	1	0	0	0	1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	84	94	76	125	102	88	91	103	88	73	75	74	89	45%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	20	12	12	12	13	8	19	14	10	27	15	33	16	8%
Out of State	14	12	14	14	16	18	12	21	20	13	9	11	15	7%
Plate Obstructed	4	2	2	3	3	2	6	3	3	3	2	2	3	1%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	3	0	0	0	14	1	0	0	0	0	0	1	5	2%
TSB No Hit	43	34	42	38	52	58	42	44	30	45	33	47	42	21%
Total:	193	169	165	211	222	200	206	214	167	185	143	190	200	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	2	0	0	0	0	0	0	0	2	15%
Clarity of Plate	0	0	0	0	1	0	0	1	0	0	1	1	1	8%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	1	0	0	1	3	1	2	3	0	2	14%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	3	0	2	0	0	2	2	18%
Equipment Malfunction	1	1	0	0	0	0	0	2	0	0	1	0	1	10%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	2	0	0	0	0	0	0	0	0	0	0	0	2	15%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	3	0	4	0	0	1	0	0	0	0	3	20%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	3	1	3	1	7	0	4	7	3	2	5	3	13	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	12	11	12	11	12	12	12	11	12	12	11	12	12	12
Average Issued Red Seconds	16.9	15.1	16.4	15.8	15.7	15.7	15.8	17.2	16.0	15.9	17.2	15.4	16	16
Citation / Violation Issuance Rate	67%	64%	68%	61%	63%	65%	67%	65%	72%	62%	70%	67%	66%	66%
Controllable Issuance Rate	99%	100%	99%	100%	98%	100%	99%	98%	99%	99%	99%	99%	99%	99%



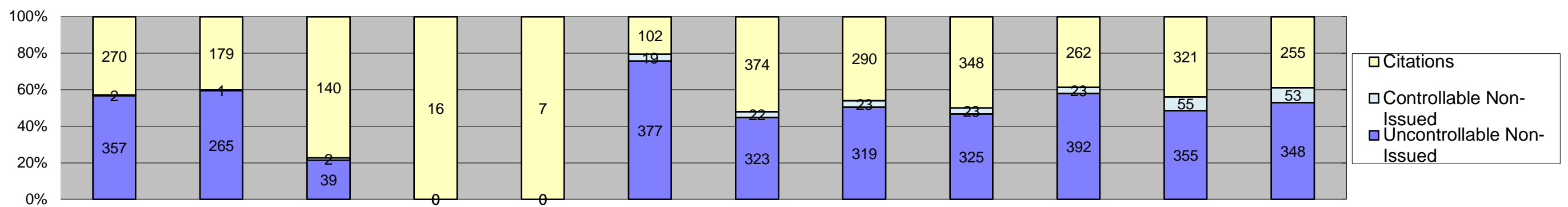
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1424: WB Sherman Way @ Busway



Events	Jan-19												Year to Date	
	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Quantity	Monthly Average %	
Non-Violations	77	66	76	76	89	87	80	91	74	80	76	89	80	77%
Violations	17	15	25	23	22	22	23	32	32	30	23	24	24	23%
Total:	94	81	101	99	111	109	103	123	106	110	99	113	104	100%
Violations														
Uncontrollable Non-Issued	7	7	9	11	3	5	8	12	7	14	10	7	8	34%
Controllable Non-Issued	0	1	0	0	0	0	1	1	1	0	2	0	1	5%
Citations	10	7	16	12	19	17	14	19	24	16	11	17	15	61%
Total:	17	15	25	23	22	22	23	32	32	30	23	24	25	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	1	5	5	0	3	3	3	2	2	4	1	3	4%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	21	15	15	13	27	23	22	29	23	27	22	29	22	28%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	54	50	56	58	62	61	55	59	49	51	50	59	55	69%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	77	66	76	76	89	87	80	91	74	80	76	89	80	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	6%
Car Obstructed	0	0	0	0	0	0	0	0	1	0	0	0	1	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	1	0	0	0	0	0	1	6%
Driver Obstructed	0	0	0	2	0	0	1	1	0	0	1	0	1	7%
Exposed	0	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	0	1	6%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	0	1	2	1	1	1	1	4	3	6	4	0	2	14%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	6%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	0	2	1	1	0	0	1	1	0	1	1	0	1	7%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	1	2	0	0	0	2	0	2	2	3	0	0	2	11%
Plate Obstructed	0	0	0	0	0	0	0	2	0	0	0	0	2	11%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	5	2	6	7	2	2	3	2	1	4	3	7	4	21%
Total:	7	7	9	11	3	5	8	12	7	14	10	7	17	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	1	0	0	0	0	1	1	0	0	2	0	1	56%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	1	0	0	0	1	44%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	1	0	0	0	0	1	1	1	0	2	0	2	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	21	19	21	20	21	19	21	18	19	17	18	18	19	
Average Issued Red Seconds	24.3	21.7	19.9	17.8	21.6	21.6	19.6	22.4	16.4	23.1	21.3	22.1	21	
Citation / Violation Issuance Rate	59%	47%	64%	52%	86%	77%	61%	59%	75%	53%	48%	71%	63%	
Controllable Issuance Rate	100%	88%	100%	100%	100%	100%	93%	95%	96%	100%	85%	100%	96%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	934	990	112	0	0	1,083	1,037	1,072	975	1,057	1,159	1,023	944	66%
Violations	629	445	181	16	7	498	719	632	696	677	731	656	491	34%
Total:	1,563	1,435	293	16	7	1,581	1,756	1,704	1,671	1,734	1,890	1,679	1,435	100%

Violations														
Uncontrollable Non-Issued	357	265	39	0	0	377	323	319	325	392	355	348	310	57%
Controllable Non-Issued	2	1	2	0	0	19	22	23	23	23	55	53	22	4%
Citations	270	179	140	16	7	102	374	290	348	262	321	255	214	39%
Total:	629	445	181	16	7	498	719	632	696	677	731	656	546	100%

Non-Violations														
Emergency Vehicle Non-Issuable	1	1	0	0	0	1	3	0	5	1	2	2	2	0%
Emergency Vehicle PD	3	0	0	0	0	0	0	0	0	0	0	1	2	0%
Intersection Control in Progress-PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	926	984	107	0	0	1,082	1,034	1,071	968	1,051	1,157	1,018	940	99%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	0	0	0	0	0	0	1	0	0	0	0	1	0%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	4	5	5	0	0	0	0	0	2	5	0	2	4	0%
Total:	934	990	112	0	0	1,083	1,037	1,072	975	1,057	1,159	1,023	949	100%

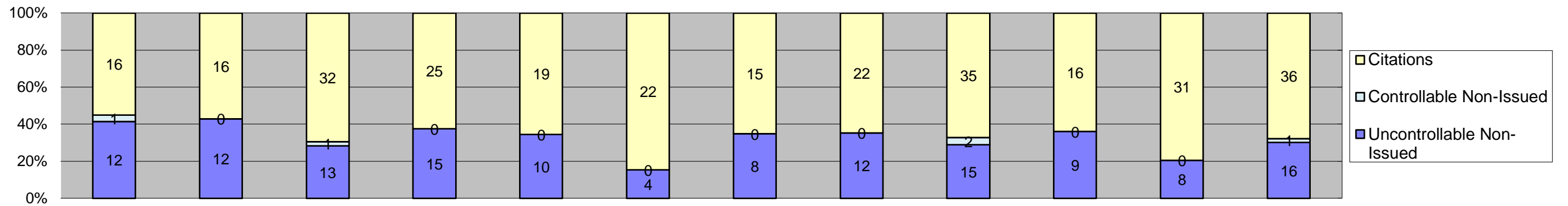
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	2	0	0	0	0	2	1%
Car Obstructed	23	28	6	0	0	15	25	27	17	20	13	39	21	6%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	2	7	1	0	0	1	4	3	2	5	3	3	3	1%
Driver Obstructed	22	24	1	0	0	53	43	54	57	16	32	40	34	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	4	1	0	0	0	1	0	2	2	0	0	1	2	1%
Glare on Plate	27	16	2	0	0	6	11	10	15	21	21	12	14	4%
Glare on Windshield	0	3	1	0	0	19	2	1	1	1	5	0	4	1%
Illegible Plate	1	1	0	0	0	0	0	0	0	2	0	1	1	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	1	0	0	4	0	0	0	0	0	0	3	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	1	0	0	1	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	115	86	0	0	0	82	87	86	86	104	99	85	92	28%
No Speed Captured	0	0	5	0	0	0	0	0	0	0	0	0	5	2%
Obstruction In Photo- PD	64	40	7	0	0	28	65	30	45	79	45	52	46	14%
Out of State	22	10	2	0	0	17	14	21	23	16	23	23	17	5%
Plate Obstructed	21	8	3	0	0	18	31	38	45	65	61	44	33	10%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	1	2	0	0	0	0	0	2	0%
TSB No Hit	56	41	10	0	0	132	37	45	32	62	53	48	52	16%
Total:	357	265	39	0	0	377	323	319	325	392	355	348	332	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	2	1	0	0	0	0	2	4%
Clarity of Plate	0	0	0	0	0	8	0	2	14	5	15	20	11	28%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	2	0	1	0	0	2	3	4	3	4	2	9	3	9%
Data Box Related- PD	0	0	0	0	0	0	0	1	0	0	0	0	1	3%
Data Box Data Error- PD	0	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	0	1	3%
Exposed	0	0	0	0	0	7	10	2	4	2	21	15	9	22%
Equipment Malfunction	0	1	0	0	0	0	1	8	2	8	15	9	6	16%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	2	0	1	0	0	0	0	2	4%
Framing of Driver	0	0	0	0	0	0	1	0	0	0	0	0	1	3%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	5	4	0	4	2	0	4	10%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	1	2	0	0	19	22	23	23	23	55	53	39	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	13	13	13	0	0	13	13	13	14	13	13	13	13	
Average Issued Red Seconds	23.4	22.3	21.2	0.0	0.0	23.6	22.8	23.6	21.3	23.4	23.2	22.7	23	
Citation / Violation Issuance Rate	43%	40%	77%	100%	100%	20%	52%	46%	50%	39%	44%	39%	54%	
Controllable Issuance Rate	99%	99%	99%	100%	100%	84%	94%	93%	94%	92%	85%	83%	94%	



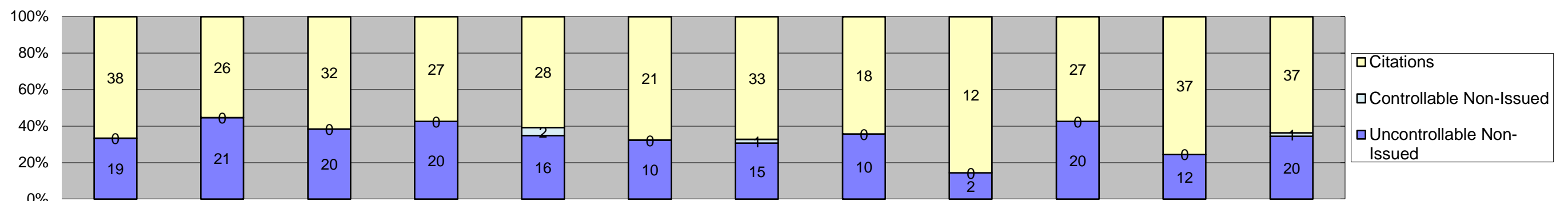
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1434: WB Valerio St @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	87	68	101	93	92	84	88	85	81	87	75	82	85	71%
Violations	29	28	46	40	29	26	23	34	52	25	39	53	35	29%
Total:	116	96	147	133	121	110	111	119	133	112	114	135	121	100%
Violations														
Uncontrollable Non-Issued	12	12	13	15	10	4	8	12	15	9	8	16	11	31%
Controllable Non-Issued	1	0	1	0	0	0	0	0	2	0	0	1	1	3%
Citations	16	16	32	25	19	22	15	22	35	16	31	36	24	66%
Total:	29	28	46	40	29	26	23	34	52	25	39	53	36	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	1	0	1	0	0	1	2	0	0	0	0	1	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	36	16	39	26	28	23	31	30	36	38	28	28	30	35%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	51	51	62	66	64	61	56	53	45	49	47	54	55	64%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	87	68	101	93	92	84	88	85	81	87	75	82	86	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	1	0	0	0	0	0	0	0	0	0	0	0	1	5%
Car Obstructed	0	0	0	1	0	0	0	0	1	0	0	0	1	5%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	1	0	1	0	1	1	5%
Driver Obstructed	0	0	1	0	0	0	1	0	0	0	1	0	1	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	0	1	6	1	0	0	0	3	5	3	0	0	3	16%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	1	0	0	0	0	0	0	0	0	1	5%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	1	3	2	0	3	0	3	1	3	0	0	0	2	11%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	0	1	1	2	1	0	1	0	0	0	0	0	1	6%
Plate Obstructed	0	0	0	1	0	0	0	0	0	0	0	0	1	5%
Short Yellow- PD	1	0	0	0	0	0	0	0	0	0	0	0	1	5%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	9	6	3	9	6	4	3	7	6	5	7	15	7	33%
Total:	12	12	13	15	10	4	8	12	15	9	8	16	20	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	1	0	1	0	0	0	0	0	2	0	0	1	1	100%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	1	0	0	0	0	0	2	0	0	1	1	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	23	25	24	27	27	27	26	25	27	23	24	25	25	25
Average Issued Red Seconds	7.9	0.9	2.2	2.8	5.6	3.8	3.3	17.0	1.4	5.4	10.7	4.4	5	5
Citation / Violation Issuance Rate	55%	57%	70%	63%	66%	85%	65%	65%	67%	64%	79%	68%	67%	67%
Controllable Issuance Rate	94%	100%	97%	100%	100%	100%	100%	100%	95%	100%	100%	97%	99%	99%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	29	37	42	46	29	26	18	14	8	26	25	26	27	38%
Violations	57	47	52	47	46	31	49	28	14	47	49	58	44	62%
Total:	86	84	94	93	75	57	67	42	22	73	74	84	71	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	19	21	20	20	16	10	15	10	2	20	12	20	15	34%
Controllable Non-Issued	0	0	0	0	2	0	1	0	0	0	0	1	1	3%
Citations	38	26	32	27	28	21	33	18	12	27	37	37	28	63%
Total:	57	47	52	47	46	31	49	28	14	47	49	58	45	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	0	1	0	0	0	0	0	0	0	0	0	0	1	3%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	29	36	41	46	29	26	18	14	8	26	25	26	27	93%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	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	0	1	3%
Total:	29	37	42	46	29	26	18	14	8	26	25	26	29	100%

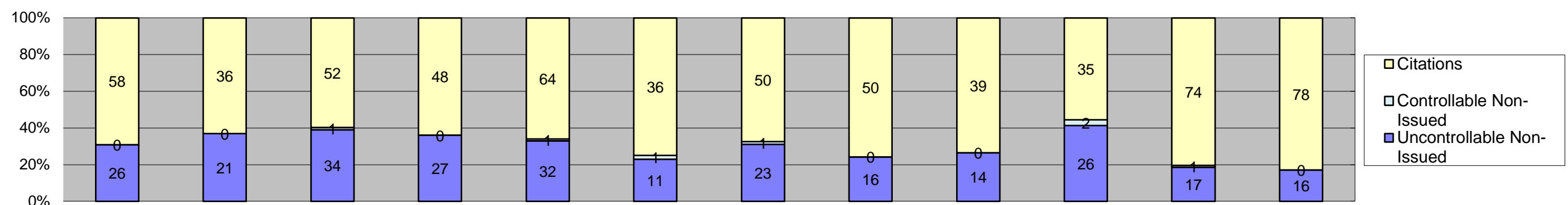
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	0	0	0	0	0	2	7%
Car Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	1	0	0	0	0	1	4%
Driver Obstructed	3	0	0	1	1	1	3	0	0	2	1	3	2	7%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	1	0	0	0	1	4%
Glare on Plate	0	0	0	1	0	0	0	0	0	0	0	0	1	4%
Glare on Windshield	0	0	0	1	0	0	0	0	0	0	0	0	1	4%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	1	0	0	1	4%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	8	14	7	10	6	4	4	4	1	7	7	9	7	25%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	1	1	2	0	0	0	2	2	0	4	1	0	2	7%
Out of State	3	2	6	2	2	0	1	2	0	0	0	1	2	9%
Plate Obstructed	1	0	0	2	0	0	0	0	0	0	0	0	2	6%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	1	1	4%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	1	1	0	0	1	0	0	0	0	0	0	0	1	4%
TSB No Hit	2	3	5	3	6	5	3	1	0	6	3	6	4	14%
Total:	19	21	20	20	16	10	15	10	2	20	12	20	27	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	1	1	25%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	1	0	0	0	0	0	0	0	1	25%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	1	0	0	0	0	0	1	25%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	1	0	0	0	0	0	0	0	1	25%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	0	0	2	0	1	0	0	0	0	1	4	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date	Monthly Average
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	11	9	11	9	11	11	11	11	10	11	9	10	10	10
Average Issued Red Seconds	12.1	17.1	15.1	13.9	13.0	13.9	15.4	13.6	20.1	14.6	14.5	15.0	15	15
Citation / Violation Issuance Rate	67%	55%	62%	57%	61%	68%	67%	64%	86%	57%	76%	64%	65%	65%
Controllable Issuance Rate	100%	100%	100%	100%	93%	100%	97%	100%	100%	100%	100%	97%	99%	99%



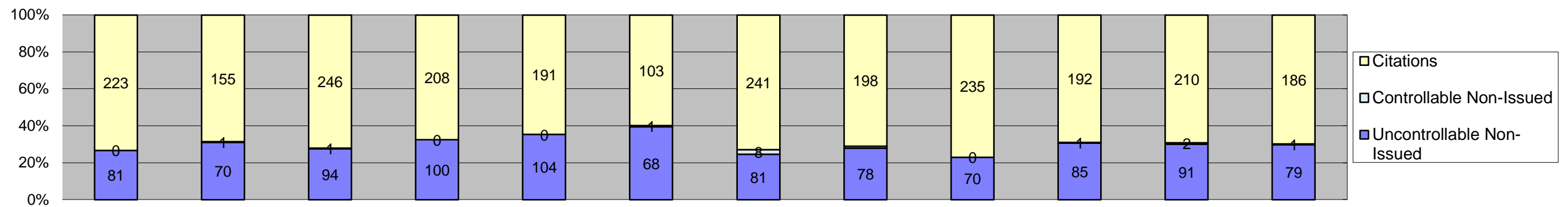
Los Angeles County MTA Orange Line
Approach Summary Report
Location 1444: WB Saticoy St @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	125	133	123	125	135	133	160	92	74	96	140	149	124	63%
Violations	84	57	87	75	97	48	74	66	53	63	92	94	74	37%
Total:	209	190	210	200	232	181	234	158	127	159	232	243	198	100%
Violations														
Uncontrollable Non-Issued	26	21	34	27	32	11	23	16	14	26	17	16	22	29%
Controllable Non-Issued	0	0	1	0	1	1	1	0	0	2	1	0	1	2%
Citations	58	36	52	48	64	36	50	50	39	35	74	78	52	69%
Total:	84	57	87	75	97	48	74	66	53	63	92	94	75	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	9	4	6	1	1	1	2	1	7	8	14	5	4%
Emergency Vehicle PD	0	0	0	0	1	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	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	65	77	66	61	71	72	87	47	39	45	83	80	66	53%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	53	47	53	58	62	60	72	43	34	44	49	54	52	42%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	1	1	1%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	125	133	123	125	135	133	160	92	74	96	140	149	126	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	3%
Car Obstructed	0	0	0	0	0	0	0	1	0	0	0	0	1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	0	0	0	0	2	0	1	2	5%
Driver Obstructed	0	0	0	2	1	0	0	0	2	0	0	0	2	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	1	1	0	0	0	0	0	0	1	0	0	1	3%
Glare on Plate	0	0	0	0	0	0	1	0	0	0	1	0	1	3%
Glare on Windshield	1	1	4	1	2	0	2	6	3	3	2	1	2	7%
Illegible Plate	1	0	1	0	0	0	0	0	0	0	0	0	1	3%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	2	0	2	6%
Image Quality- PD	0	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	0	1	3%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	8	5	3	6	7	1	4	0	0	2	1	2	4	12%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	2	3	1	5	2	4	2	1	2	2	2	2	2	7%
Plate Obstructed	0	0	0	1	1	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	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	14	10	24	12	19	6	12	8	7	14	9	10	12	37%
Total:	26	21	34	27	32	11	23	16	14	26	17	16	33	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	1	0	1	20%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	1	0	0	0	1	0	0	0	0	0	1	20%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	2	0	0	2	40%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	1	1	0	0	0	0	0	0	1	20%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	1	0	1	1	1	0	0	2	1	0	5	100%
Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	22	24	24	27	27	27	27	25	29	27	27	24	26	26
Average Issued Red Seconds	10.9	14.2	12.4	8.9	8.8	9.7	7.5	6.0	2.0	5.9	6.8	10.4	9	
Citation / Violation Issuance Rate	69%	63%	60%	64%	66%	75%	68%	76%	74%	56%	80%	83%	69%	
Controllable Issuance Rate	100%	100%	98%	100%	98%	97%	98%	100%	100%	95%	99%	100%	99%	



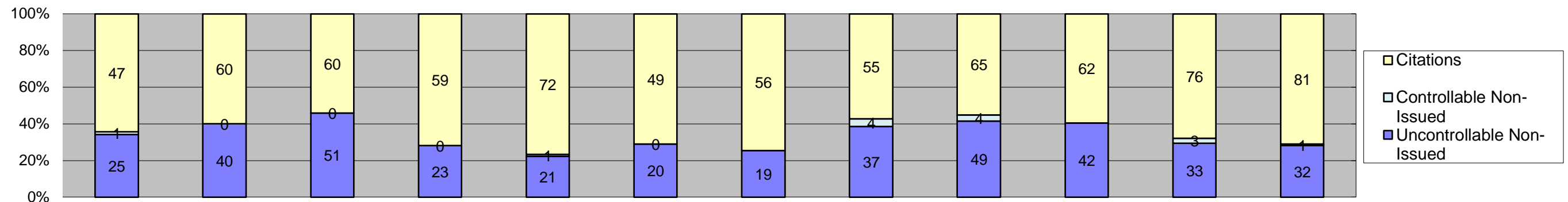
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1449: NB to EB Canoga Ave @ Saticoy St



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	272	258	344	317	354	262	256	268	332	311	280	343	300	51%
Violations	304	226	341	308	295	172	330	279	305	278	303	266	284	49%
Total:	576	484	685	625	649	434	586	547	637	589	583	609	584	100%
Violations														
Uncontrollable Non-Issued	81	70	94	100	104	68	81	78	70	85	91	79	83	29%
Controllable Non-Issued	0	1	1	0	0	1	8	3	0	1	2	1	2	1%
Citations	223	155	246	208	191	103	241	198	235	192	210	186	199	70%
Total:	304	226	341	308	295	172	330	279	305	278	303	266	285	100%
Non-Violations														
Emergency Vehicle Non-Issuable	0	3	3	1	2	1	1	0	1	0	0	0	2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	272	255	341	316	351	261	255	268	331	311	280	343	299	99%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	0	0	0	1	0	0	0	0	0	0	0	1	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	272	258	344	317	354	262	256	268	332	311	280	343	301	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	1%
Car Obstructed	1	1	0	1	2	2	0	0	0	2	1	1	1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	1	0	0	0	1	3	4	1	0	1	0	2	2%
Driver Obstructed	2	1	3	7	1	1	3	4	3	4	0	2	3	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	0	0	0	0	1	0	1	1%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	1	0	1	4	0	2	6	5	0	0	0	0	3	3%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	1	0	0	0	0	1	1	0	0	0	1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	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	0%
No Plate	38	40	50	48	57	37	42	35	31	40	42	36	41	45%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	4	2	6	2	2	2	4	3	3	6	3	7	4	4%
Out of State	11	2	6	10	10	6	9	9	12	5	6	6	8	8%
Plate Obstructed	3	1	5	4	1	0	2	2	1	1	5	4	3	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	1	3	0	0	6	0	1	0	0	0	0	0	3	3%
TSB No Hit	19	19	22	24	25	17	10	15	18	27	32	22	21	23%
Total:	81	70	94	100	104	68	81	78	70	85	91	79	92	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	1	0	0	0	0	1	19%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	0	1	1	1	0	0	0	1	1	19%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	1	0	0	0	0	7	1	0	1	2	0	2	44%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	1	0	0	0	0	0	0	0	0	0	1	19%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	1	1	0	0	1	8	3	0	1	2	1	5	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	11	11	10	11	11	12	11	12	12	11	11	11	11	11
Average Issued Red Seconds	19.1	16.7	19.8	17.8	17.9	17.8	20.0	18.8	17.9	16.8	18.9	18.7	18	18
Citation / Violation Issuance Rate	73%	69%	72%	68%	65%	60%	73%	71%	77%	69%	69%	70%	70%	70%
Controllable Issuance Rate	100%	99%	100%	100%	100%	99%	97%	99%	100%	99%	99%	99%	99%	99%



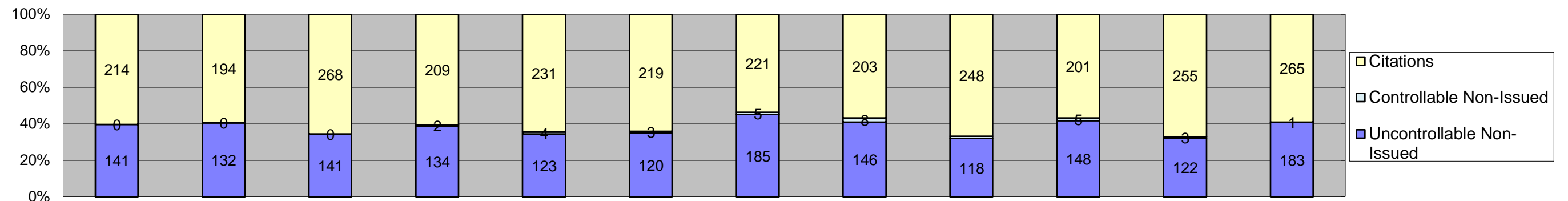
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1454: WB Roscoe Blvd @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	343	186	228	243	226	230	555	891	812	276	204	179	364	79%
Violations	73	100	111	82	94	69	75	96	118	104	112	114	96	21%
Total:	416	286	339	325	320	299	630	987	930	380	316	293	460	100%
Violations														
Uncontrollable Non-Issued	25	40	51	23	21	20	19	37	49	42	33	32	33	34%
Controllable Non-Issued	1	0	0	0	1	0	0	4	4	0	3	1	2	2%
Citations	47	60	60	59	72	49	56	55	65	62	76	81	62	64%
Total:	73	100	111	82	94	69	75	96	118	104	112	114	97	100%
Non-Violations														
Emergency Vehicle Non-Issuable	7	11	11	6	11	14	3	5	10	9	5	6	8	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	1	0	1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	283	123	164	178	156	154	495	830	755	216	148	118	302	83%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	53	52	53	59	59	62	57	56	47	51	50	55	55	15%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	343	186	228	243	226	230	555	891	812	276	204	179	365	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	1	0	0	0	0	1	2%
Car Obstructed	0	1	1	0	0	2	2	0	0	1	0	0	1	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	1	1	0	0	0	4	0	1	2	1	2	4%
Driver Obstructed	3	3	2	1	0	2	1	0	4	1	0	1	2	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	1	0	2	1	0	1	2	1	1	0	0	1	3%
Glare on Plate	0	2	3	0	0	0	0	1	2	3	2	1	2	5%
Glare on Windshield	8	10	14	7	3	3	4	10	21	16	8	3	9	22%
Illegible Plate	0	0	1	0	0	0	1	0	0	0	0	0	1	2%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	2%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	1	1	2%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	5	7	3	1	2	1	1	4	3	3	0	1	3	7%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	4	3	4	3	3	4	1	4	4	2	3	3	3	8%
Plate Obstructed	0	1	0	1	1	0	2	2	1	0	1	0	1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	5	11	22	7	11	8	6	9	13	14	16	21	12	30%
Total:	25	40	51	23	21	20	19	37	49	42	33	32	40	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	0	0	0	0	0	0	0	1	3	0	2	0	2	33%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	1	0	1	17%
Dark Interior	1	0	0	0	1	0	0	1	1	0	0	1	1	17%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	2	0	0	0	0	2	33%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	0	0	1	0	0	4	4	0	3	1	6	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	23	29	34	31	34	33	36	33	32	32	32	32	32	32
Average Issued Red Seconds	5.0	5.6	4.1	4.9	2.6	2.0	1.4	2.6	4.6	2.9	4.6	1.9	4	4
Citation / Violation Issuance Rate	64%	60%	54%	72%	77%	71%	75%	57%	55%	60%	68%	71%	65%	65%
Controllable Issuance Rate	98%	100%	100%	100%	99%	100%	100%	93%	94%	100%	96%	99%	98%	98%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	430	455	492	507	500	423	436	541	473	526	461	489	478	56%
Violations	355	326	409	345	358	342	411	357	371	354	380	449	371	44%
Total:	785	781	901	852	858	765	847	898	844	880	841	938	849	100%

Violations														
Uncontrollable Non-Issued	141	132	141	134	123	120	185	146	118	148	122	183	141	38%
Controllable Non-Issued	0	0	0	2	4	3	5	8	5	5	3	1	4	1%
Citations	214	194	268	209	231	219	221	203	248	201	255	265	227	61%
Total:	355	326	409	345	358	342	411	357	371	354	380	449	372	100%

Non-Violations														
Emergency Vehicle Non-Issuable	1	2	4	1	1	1	5	0	4	1	2	1	2	0%
Emergency Vehicle PD	0	0	0	2	0	0	0	0	0	0	0	0	2	0%
Intersection Control in Progress-PD	0	0	0	1	0	0	0	0	2	1	0	0	1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	427	451	482	498	499	421	430	541	465	524	459	488	474	98%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	0	0	0	0	0	0	0	1	0	0	0	1	0%
Vehicle Stopped- PD	2	2	6	5	0	1	1	0	1	0	0	0	3	1%
Total:	430	455	492	507	500	423	436	541	473	526	461	489	483	100%

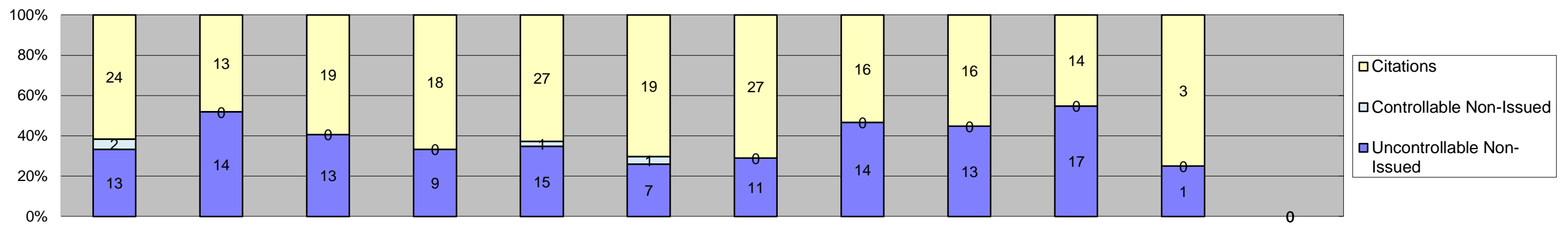
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	2	0	0	0	0	0	2	1%
Car Obstructed	0	0	2	1	2	0	1	1	2	2	1	5	2	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	4	5	2	1	10	5	1	1	2	3	3	2%
Driver Obstructed	7	9	10	5	6	14	26	32	20	15	16	14	15	10%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	0	0	1	0	0	0	1	0	1	1%
Glare on Plate	5	3	1	5	3	2	4	2	3	5	2	3	3	2%
Glare on Windshield	0	1	2	1	0	11	13	2	2	1	3	1	4	2%
Illegible Plate	0	1	1	0	0	0	1	0	0	0	0	0	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	1	0	0	1	0	2	2	3	1	0	0	0	2	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	57	56	60	53	52	45	57	56	38	57	44	66	53	36%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	26	21	21	19	11	11	28	13	15	24	14	45	21	14%
Out of State	12	6	6	10	11	5	12	8	14	7	7	7	9	6%
Plate Obstructed	4	3	3	4	1	5	0	0	4	0	2	4	3	2%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	1	0	0	1	5	0	1	0	0	0	0	0	2	1%
TSB No Hit	28	32	31	29	30	24	27	24	18	36	30	35	29	19%
Total:	141	132	141	134	123	120	185	146	118	148	122	183	149	100%

Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	1	0	0	0	0	0	1	9%
Clarity of Plate	0	0	0	0	1	1	0	1	0	0	2	1	1	11%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	3	2	1	3	2	0	1	0	2	18%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	3	1	2	2	0	0	2	18%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	1	0	0	1	9%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	1	0	0	0	1	9%
Framing of Driver	0	0	0	1	0	0	0	0	0	0	0	0	1	9%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	1	0	0	0	3	0	2	0	0	2	18%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	0	0	0	2	4	3	5	8	5	5	3	1	11	100%

Summary Metrics													Year to Date Monthly Average	
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	
Average Issued Speed	11	10	11	11	11	10	11	11	12	11	11	11	11	
Average Issued Red Seconds	20.9	17.1	18.8	18.4	19.7	20.0	19.3	18.9	18.8	18.7	18.8	17.8	19	
Citation / Violation Issuance Rate	60%	60%	66%	61%	65%	64%	54%	57%	67%	57%	67%	59%	61%	
Controllable Issuance Rate	100%	100%	100%	99%	98%	99%	98%	96%	98%	98%	99%	100%	99%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	100	101	106	118	114	132	123	96	107	82	5	1	90	75%
Violations	39	27	32	27	43	27	38	30	29	31	4	0	30	25%
Total:	139	128	138	145	157	159	161	126	136	113	9	1	120	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	13	14	13	9	15	7	11	14	13	17	1	0	12	38%
Controllable Non-Issued	2	0	0	0	1	1	0	0	0	0	0	0	1	4%
Citations	24	13	19	18	27	19	27	16	16	14	3	0	18	58%
Total:	39	27	32	27	43	27	38	30	29	31	4	0	31	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	1	0	3	5	0	1	3	0	1	2	0	0	2	2%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	47	52	51	53	55	69	64	37	59	30	1	0	47	49%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	52	49	52	60	59	62	56	59	47	50	4	1	46	48%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	100	101	106	118	114	132	123	96	107	82	5	1	95	100%

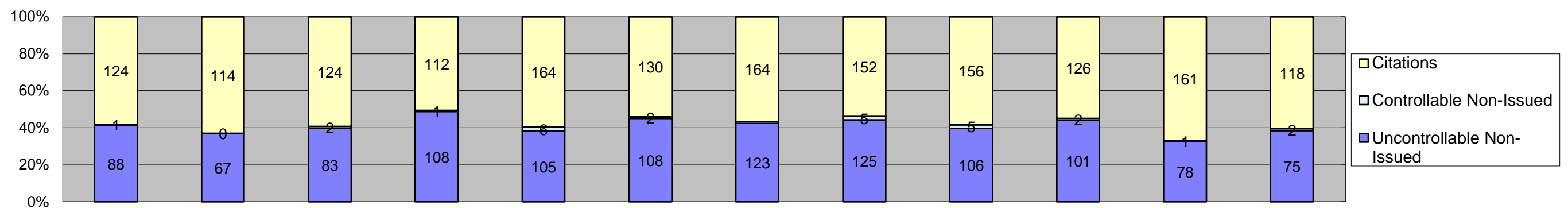
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	1	0	0	0	0	0	1	5%
Car Obstructed	0	0	0	2	6	1	4	6	4	5	1	0	4	19%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	1	0	0	0	0	0	0	0	1	0	0	1	5%
Driver Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	1	1	0	0	0	0	1	0	0	0	0	1	5%
Glare on Plate	0	0	0	0	0	0	0	1	0	1	0	0	1	5%
Glare on Windshield	0	2	3	2	1	1	0	3	4	4	0	0	2	12%
Illegible Plate	0	0	1	0	0	0	0	0	0	0	0	0	1	5%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	8	5	3	0	3	2	1	0	1	0	0	0	3	17%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Out of State	2	3	1	1	1	1	0	2	1	0	0	0	2	8%
Plate Obstructed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	3	2	4	4	4	2	5	4	4	6	0	0	4	19%
Total:	13	14	13	9	15	7	11	14	13	17	1	0	19	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	1	0	0	0	0	0	0	0	0	0	0	0	1	33%
Clarity of Plate	0	0	0	0	1	0	0	0	0	0	0	0	1	33%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	1	0	0	0	0	1	0	0	0	0	0	0	1	33%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	0	0	0	1	1	0	0	0	0	0	0	3	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	31	34	34	33	36	35	35	32	34	35	37	0	34	
Average Issued Red Seconds	6.8	3.0	4.2	4.7	3.0	1.8	3.2	6.3	1.0	2.5	0.6	0.0	3	
Citation / Violation Issuance Rate	62%	48%	59%	67%	63%	70%	71%	53%	55%	45%	75%	0%	61%	
Controllable Issuance Rate	92%	100%	100%	100%	96%	95%	100%	100%	100%	100%	100%	0%	99%	



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Non-Violations	158	147	174	172	180	198	191	220	203	204	138	137	177	43%
Violations	213	181	209	221	275	240	290	282	267	229	240	195	237	57%
Total:	371	328	383	393	455	438	481	502	470	433	378	332	414	100%

Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Uncontrollable Non-Issued	88	67	83	108	105	108	123	125	106	101	78	75	97	41%
Controllable Non-Issued	1	0	2	1	6	2	3	5	5	2	1	2	3	1%
Citations	124	114	124	112	164	130	164	152	156	126	161	118	137	58%
Total:	213	181	209	221	275	240	290	282	267	229	240	195	237	100%

Non-Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Emergency Vehicle Non-Issuable	2	2	1	1	0	0	0	1	1	0	1	1	1	1%
Emergency Vehicle PD	0	0	1	0	0	0	0	0	0	0	0	0	1	1%
Intersection Control in Progress- PD	0	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	0%
No Violation Occurred	155	143	168	163	180	198	190	219	202	202	137	136	174	97%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	1	2	4	7	0	0	1	0	0	2	0	0	3	2%
Total:	158	147	174	172	180	198	191	220	203	204	138	137	181	100%

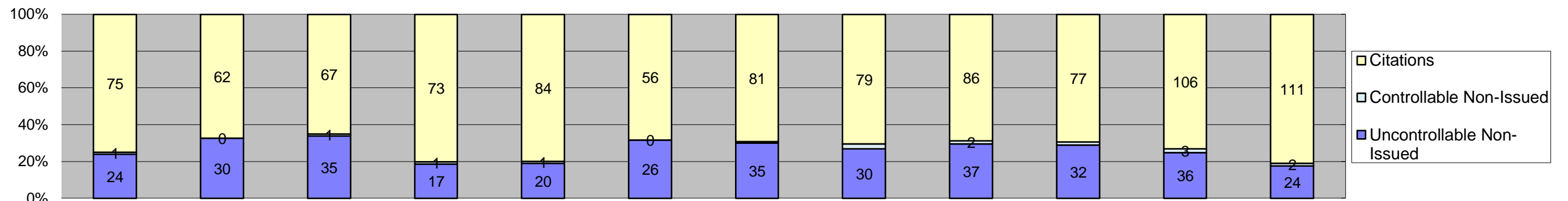
Uncontrollable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	3	1	0	0	0	0	2	2%
Car Obstructed	0	0	0	0	0	0	1	0	0	1	0	0	1	1%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	1	2	0	1	0	1	2	3	2	0	1	1	2	1%
Driver Obstructed	3	10	8	13	17	24	18	25	12	6	9	8	13	12%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	1	0	0	1	0	0	0	0	0	1	0	0	1	1%
Glare on Plate	1	0	0	6	1	3	4	8	4	3	0	0	4	4%
Glare on Windshield	0	1	1	1	4	4	9	4	2	0	1	1	3	3%
Illegible Plate	0	0	1	1	2	0	2	1	0	0	0	0	1	1%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	1	0	0	1	1	1	0	0	0	1	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	33	20	25	45	32	44	31	32	41	31	32	27	33	31%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	24	10	14	10	7	13	19	15	17	21	10	13	14	14%
Out of State	5	3	6	6	8	5	8	10	10	10	7	4	7	6%
Plate Obstructed	4	2	0	1	0	3	7	3	2	5	1	2	3	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	1	0	1	2	0	1	0	0	0	0	0	1	1%
TSB No Hit	16	18	28	21	32	11	17	22	15	23	17	19	20	19%
Total:	88	67	83	108	105	108	123	125	106	101	78	75	105	100%

Controllable Non-Issued Violations	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Conduent Expire	0	0	0	0	0	0	2	2	0	0	0	0	2	23%
Clarity of Plate	0	0	0	1	2	2	1	2	3	2	0	2	2	21%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	0	0	0	0	2	0	0	1	0	0	0	0	2	17%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	1	0	0	0	0	0	0	0	1	0	1	0	1	11%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	1	0	0	0	0	0	1	0	0	0	1	11%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	1	0	2	0	0	0	0	0	0	0	2	17%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	2	1	6	2	3	5	5	2	1	2	9	100%

Summary Metrics	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Quantity	Monthly Average %
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	10	10	11	11	10	10	11	11	10	10	10	11	10	10
Average Issued Red Seconds	14.4	14.7	14.5	11.1	13.2	13.6	14.9	12.4	12.9	13.4	13.7	13.5	14	14
Citation / Violation Issuance Rate	58%	63%	59%	51%	60%	54%	57%	54%	58%	55%	67%	61%	58%	58%
Controllable Issuance Rate	99%	100%	98%	99%	96%	98%	98%	97%	97%	98%	99%	98%	98%	98%



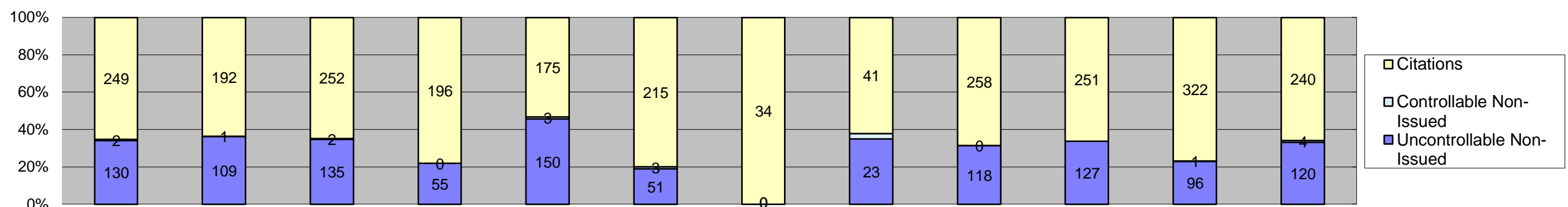
Los Angeles County MTA Orange Line
 Approach Summary Report
 Location 1474: WB Nordhoff St @ Busway



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	215	202	221	258	231	227	273	261	222	211	194	198	226	67%
Violations	100	92	103	91	105	82	117	112	125	111	145	137	110	33%
Total:	315	294	324	349	336	309	390	373	347	322	339	335	336	100%
Violations														
Uncontrollable Non-Issued	24	30	35	17	20	26	35	30	37	32	36	24	29	26%
Controllable Non-Issued	1	0	1	1	1	0	1	3	2	2	3	2	2	2%
Citations	75	62	67	73	84	56	81	79	86	77	106	111	80	72%
Total:	100	92	103	91	105	82	117	112	125	111	145	137	110	100%
Non-Violations														
Emergency Vehicle Non-Issuable	2	2	2	1	1	4	2	3	1	5	0	0	2	1%
Emergency Vehicle PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	158	147	168	201	173	163	216	203	173	155	146	140	170	75%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	55	53	51	56	57	60	55	55	48	51	48	58	54	24%
Train Activation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	215	202	221	258	231	227	273	261	222	211	194	198	226	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	1	0	0	0	0	0	0	0	0	0	0	1	3%
Car Obstructed	1	2	0	2	0	1	0	1	3	1	0	1	2	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	0	0	0	0	0	1	1	0	0	1	0	0	1	3%
Driver Obstructed	3	1	1	1	2	1	0	1	4	0	3	0	2	5%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	0	0	0	1	1	2	0	0	1	0	0	1	3%
Glare on Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Glare on Windshield	0	3	2	2	0	0	9	6	6	3	0	0	4	12%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Image Quality- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Issuance Criteria Not Met- PD	0	0	0	1	0	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	0%
No Plate	5	4	4	3	2	3	2	5	6	5	3	3	4	10%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	0	0	0	0	0	0	0	0	1	0	0	0	1	3%
Out of State	2	3	6	1	4	6	1	5	2	2	6	5	4	9%
Plate Obstructed	2	0	1	0	0	0	1	1	0	0	0	0	1	3%
Short Yellow- PD	0	0	0	0	0	0	0	0	0	0	1	0	1	3%
Third Party Damage	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
TSB No Hit	11	16	21	7	11	13	19	11	15	19	23	15	15	40%
Total:	24	30	35	17	20	26	35	30	37	32	36	24	38	100%
Controllable Non-Issued Violations														
Conduent Expire	0	0	0	0	0	0	1	0	0	0	0	0	1	24%
Clarity of Plate	0	0	0	0	0	0	0	1	0	1	1	1	1	24%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	1	0	1	1	1	0	0	1	2	1	2	1	1	29%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0	1	0	0	0	0	1	24%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	1	0	1	1	1	0	1	3	2	2	3	2	4	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	29	29	31	30	34	32	33	30	32	32	30	31	31	31
Average Issued Red Seconds	14.0	10.1	10.6	15.5	8.2	7.7	10.6	8.9	7.7	14.7	13.1	11.8	11	11
Citation / Violation Issuance Rate	75%	67%	65%	80%	80%	68%	69%	71%	69%	69%	73%	81%	72%	72%
Controllable Issuance Rate	99%	100%	99%	99%	99%	100%	99%	96%	98%	97%	97%	98%	98%	98%



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



Events	Jan-19	Feb-19	Mar-19	Apr-19	May-19	Jun-19	Jul-19	Aug-19	Sep-19	Oct-19	Nov-19	Dec-19	Year to Date Monthly Average	
													Quantity	%
Non-Violations	308	309	380	157	369	168	0	80	373	402	336	308	290	49%
Violations	381	302	389	251	328	269	34	66	376	378	419	364	296	51%
Total:	689	611	769	408	697	437	34	146	749	780	755	672	586	100%
Violations														
Uncontrollable Non-Issued	130	109	135	55	150	51	0	23	118	127	96	120	101	33%
Controllable Non-Issued	2	1	2	0	3	3	0	2	0	0	1	4	2	1%
Citations	249	192	252	196	175	215	34	41	258	251	322	240	202	66%
Total:	381	302	389	251	328	269	34	66	376	378	419	364	306	100%
Non-Violations														
Emergency Vehicle Non-Issuable	1	0	0	0	0	0	0	1	0	0	0	2	1	0%
Emergency Vehicle PD	1	0	0	0	0	0	0	0	0	0	0	0	1	0%
Intersection Control in Progress- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	305	308	380	157	369	168	0	79	373	402	336	305	289	99%
Rear Axle Activation	0	0	0	0	0	0	0	0	0	0	0	1	1	0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	0	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	0%
Amber Time Low	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Vehicle Stopped- PD	1	1	0	0	0	0	0	0	0	0	0	0	1	0%
Total:	308	309	380	157	369	168	0	80	373	402	336	308	294	100%
Uncontrollable Non-Issued Violations														
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Car Obstructed	4	1	0	0	2	0	0	0	1	1	0	13	4	3%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	3	1	0	0	1	0	0	0	0	0	1	0	2	1%
Driver Obstructed	1	3	7	2	5	5	0	4	4	1	5	7	4	3%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	0	1	0	0	0	0	0	0	1	0	1	0	1	1%
Glare on Plate	6	2	0	0	1	0	0	0	2	2	0	1	2	2%
Glare on Windshield	0	1	2	2	4	0	0	0	0	0	0	0	2	2%
Illegible Plate	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Interest of Justice- PD	0	0	0	0	0	0	0	0	1	0	0	0	1	1%
Image Quality- PD	0	2	0	0	0	0	0	0	1	0	0	0	2	1%
Issuance Criteria Not Met- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate	62	48	75	25	63	25	0	14	58	55	43	57	48	42%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	10	11	11	6	7	2	0	1	9	25	9	11	9	8%
Out of State	4	7	13	5	9	2	0	1	3	8	8	5	6	5%
Plate Obstructed	5	0	3	1	1	3	0	0	6	1	3	2	3	2%
Short Yellow- PD	0	0	0	0	1	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	0%
TSB Expired	2	4	0	0	11	0	0	0	0	0	0	0	6	5%
TSB No Hit	33	28	24	14	45	14	0	3	32	34	26	24	25	22%
Total:	130	109	135	55	150	51	0	23	118	127	96	120	115	100%
Controllable Non-Issued Violations														
Conduent Expire	0	1	0	0	1	0	0	0	0	0	0	1	1	12%
Clarity of Plate	0	0	0	0	0	0	0	0	0	0	1	1	1	12%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	1	0	0	0	0	0	0	1	0	0	0	1	1	12%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Entry Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Exposed	0	0	0	0	0	2	0	0	0	0	0	0	2	24%
Equipment Malfunction	0	0	1	0	0	0	0	0	0	0	0	1	1	12%
Framing- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Car	0	0	0	0	0	0	0	1	0	0	0	0	1	12%
Framing of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Framing of Plate	1	0	1	0	2	1	0	0	0	0	0	0	1	15%
Reject Expired	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Speed Not Determined	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Total:	2	1	2	0	3	3	0	2	0	0	1	4	8	100%
Summary Metrics														
Daily Average Vehicle Passes	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Average Issued Speed	11	11	11	12	11	11	0	11	10	12	10	11	11	11
Average Issued Red Seconds	16.0	15.8	15.7	14.5	16.2	12.9	0.0	13.9	15.0	15.6	15.8	15.1	15	15
Citation / Violation Issuance Rate	65%	64%	65%	78%	53%	80%	100%	62%	69%	66%	77%	66%	70%	70%
Controllable Issuance Rate	99%	99%	99%	100%	98%	99%	100%	95%	100%	100%	100%	98%	99%	99%



Los Angeles County MTA Orange Line
 Monthly Citation Yield - By Location
 December 2019

Direction	Location	Code	Movement	Days of Enforcement	CIR	Events	Violations	Citations	Daily Yield*
NB	Tujunga Ave @ Busway	1301	Straight	31	95%	307	89	60	1.94
SB	Tujunga Ave @ Busway	1302	Straight	31	91%	184	33	21	0.68
EB	Oxnard St @ Buffalo Ave	1313	Straight	31	95%	314	76	60	1.94
WB	Oxnard St @ Buffalo Ave	1314	Straight	31	97%	313	84	57	1.84
NB	Woodman Ave @ Busway	1321	Straight	31	100%	208	44	35	1.13
SB	Woodman Ave @ Busway	1322	Straight	31	96%	385	224	165	5.32
NB	Kester Ave @ Busway	1331	Straight	31	96%	204	48	26	0.84
SB	Kester Ave @ Busway	1332	Straight	31	99%	310	165	110	3.55
NB	Sepulveda Blvd @ Busway	1341	Straight	31	91%	470	294	178	5.74
SB	Sepulveda Blvd @ Busway	1342	Straight	31	96%	395	200	123	3.97
NB	Woodley @ Busway	1351	Straight	31	95%	346	201	143	4.61
SB	Woodley @ Busway	1352	Straight	31	95%	260	124	95	3.06
NB	Balboa Blvd @ Busway	1361	Straight	31	92%	365	174	112	3.61
SB	Balboa Blvd @ Busway	1362	Straight	31	93%	240	102	69	2.23
NB	White Oak Ave @ Busway	1371	Straight	31	96%	191	45	69	2.23
SB	White Oak Ave @ Busway	1372	Straight	31	98%	392	177	117	3.77
SB	Lindley Ave @ Busway	1382	Straight	31	93%	489	312	201	6.48
WB to NB	Lindley Ave @ Oxnard St	1385	Right	31	93%	229	47	38	1.23
NB	Reseda Blvd @ Busway	1391	Right	31	88%	281	127	71	2.29
SB	Reseda Blvd @ Busway	1392	Straight	31	100%	143	13	7	0.23
SB	Mason Ave @ Busway	1402	Straight	31	96%	436	262	181	5.84
WB to NB	Mason Ave @ Victory Blvd	1405	Right	31	74%	1,425	117	70	2.26
SB	De Soto Ave @ Busway	1412	Straight	31	94%	483	292	188	6.06
WB to NB	De Soto Ave @ Victory Blvd	1415	Right	31	91%	374	113	82	2.65
WB	Van Owen St @ Busway	1414	Straight	31	99%	399	252	201	6.48
NB to EB	Canoga Ave @ Vanowen St	1419	Right	31	99%	1,297	581	388	12.52
WB	Sherman Way @ Busway	1424	Straight	31	100%	113	24	17	0.55
NB to EB	Canoga Ave @ Sherman Way	1429	Right	31	83%	1,679	656	255	8.23
WB	Valerio St @ Busway	1434	Straight	31	97%	135	53	36	1.16
NB to EB	Canoga Ave @ Valerio St	1439	Right	31	97%	84	58	37	1.19
WB	Saticoy St @ Busway	1444	Straight	31	100%	243	94	78	2.52
NB to EB	Canoga Ave @ Saticoy St	1449	Right	31	99%	609	266	186	6.00
WB	Roscoe Blvd @ Busway	1454	Straight	31	99%	293	114	81	2.61
NB to EB	Canoga Ave @ Roscoe Blvd	1459	Right	31	100%	938	449	265	8.55
WB	Parthenia St @ Busway	1464	Straight	31	0%	1	0	0	0.00
NB to EB	Canoga Ave @ Parthenia St	1469	Right	31	98%	332	195	118	3.81
WB	Nordhoff St @ Busway	1474	Straight	31	98%	335	137	111	3.58
NB to EB	Canoga Ave @ Nordhoff St	1479	Right	31	98%	672	364	240	7.74
Totals				31		15,874	6,606	4,291	138.42

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