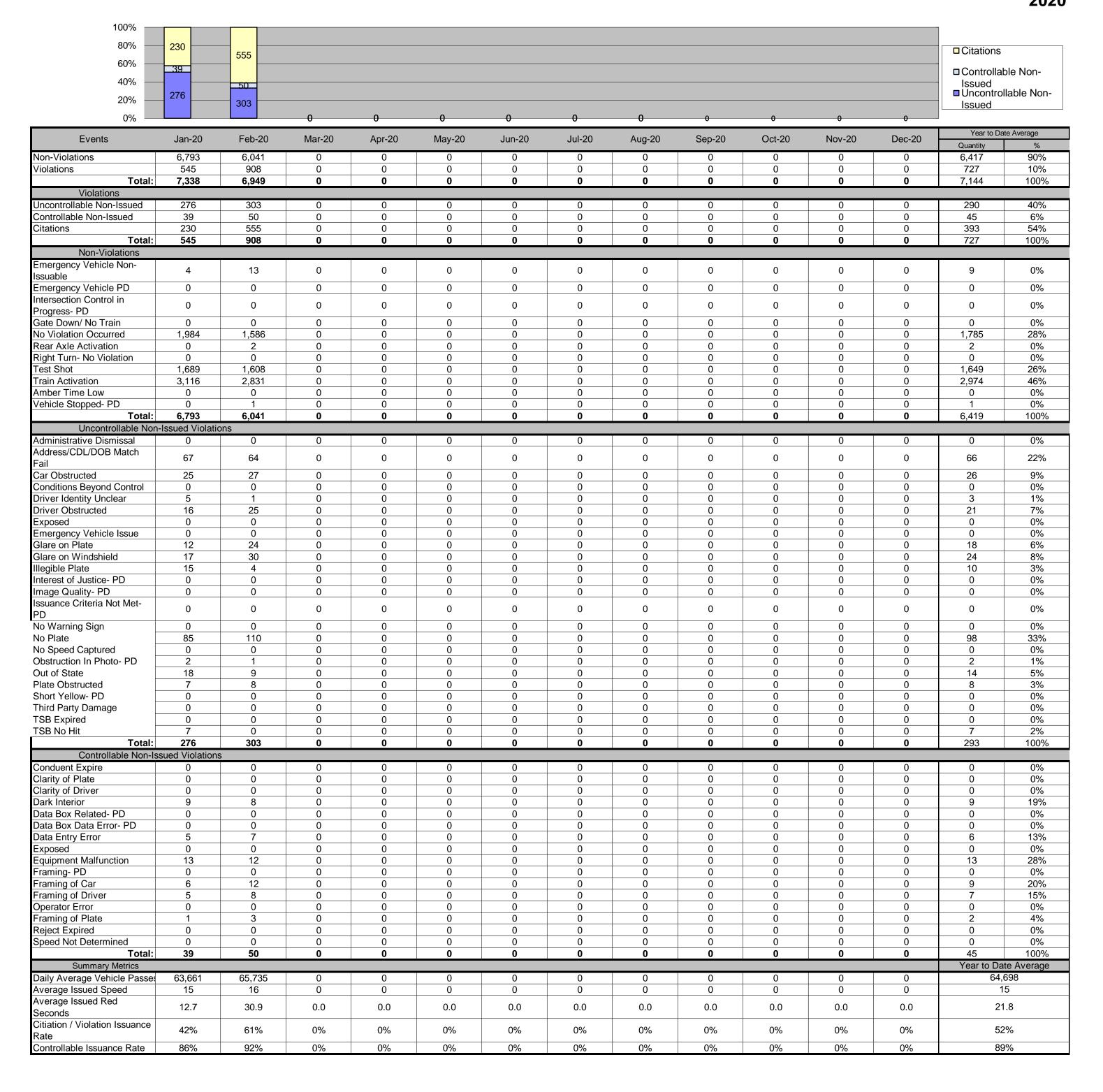


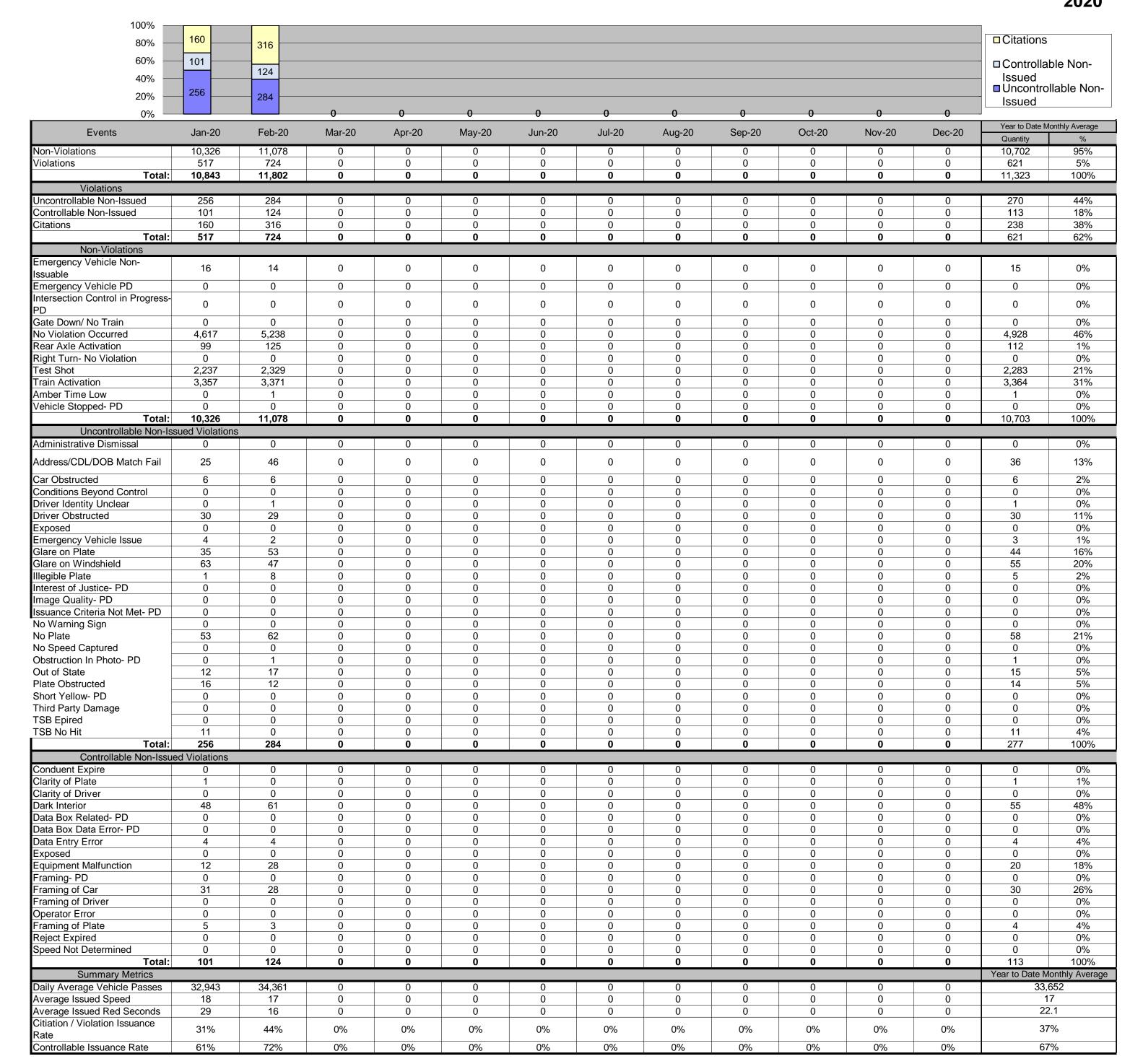
Events	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Year to Date M  Quantity	onthly Average %
Non-Violations	32,622	32,300	0	0	0	0	0	0	0	0	0	0	32,461	72%
Violations	16,694	20,238	0	9	0	0	0	0	0	0	0	0	12,314	28%
Total: Violations	49,316	52,538	0	9	0	0	0	0	0	0	0	0	44,775	100%
Uncontrollable Non-Issued	2,688	2,930	0	0	0	0	0	0	0	0	0	0	2,809	35%
Controllable Non-Issued	430	590	0	0	0	0	0	0	0	0	0	0	510	6%
Citations/Warning Letters	3,511	6,080	0	0	0	0	0	0	0	0	0	0	4,796	59%
Total:	6,629	9,600	0	0	0	0	0	0	0	0	0	0	8,115	100%
Non-Violations Emergency Vehicle Non-							T	l e					I	
Issuable	153	75	0	0	0	0	0	0	0	0	0	0	114	0%
Emergency Vehicle PD	5	0	0	0	0	0	0	0	0	0	0	0	5	0%
Intersection Control in Progress-	3	2	0	0	0	0	0	0	0	0	0	0	3	0%
PD Gate Down/ No Train	4,617	5,238	0	0	0	0	0	0	0	0	0	0	4,928	9%
No Violation Occurred	14,157	14,421	0	0	0	0	0	0	0	0	0	0	14,289	27%
Rear Axle Activation	6	151	0	0	0	0	0	0	0	0	0	0	79	0%
Right Turn- No Violation Test Shot	2,287 11,431	2,374 11,042	0	0	0	0	0	0	0	0	0	0	2,331 11,237	4% 21%
Train Activation	9,752	9,335	0	0	0	0	0	0	0	0	0	0	9,544	18%
Amber Time Low	3	1	0	0	0	0	0	0	0	0	0	0	2	0%
Vehicle Stopped- PD	10,327	11,079	0	0	0	0	0	0	0	0	0	0	10,703	20%
Total: Uncontrollable Non-Issued Violat	52,741	53,718	0	0	0	0	0	0	0	0	0	0	53,232	100%
Administrative Dismissal	25	47	0	0	0	0	0	0	0	0	0	0	36	1%
Address/CDL/DOB Match Fail	189	702	0	0	0	0	0	0	0	0	0	0	446	14%
Car Obstructed Conditions Beyond Control	89 0	192 1	0	0	0	0	0	0	0	0	0	0	141	4% 0%
Driver Identity Unclear	48	65	0	0	0	0	0	0	0	0	0	0	57	2%
Driver Obstructed	264	305	0	0	0	0	0	0	0	0	0	0	285	9%
Exposed	4	2	0	0	0	0	0	0	0	0	0	0	3	0%
Emergency Vehicle Issue Glare on Plate	90 140	97 158	0	0	0	0	0	0	0	0	0	0	94 149	3% 5%
Glare on Windshield	65	87	0	0	0	0	0	0	0	0	0	0	76	2%
Illegible Plate	41	46	0	0	0	0	0	0	0	0	0	0	44	1%
Interest of Justice- PD	0	3	0	0	0	0	0	0	0	0	0	0	3	0%
Image Quality- PD Issuance Criteria Not Met- PD	2	1 1	0	0	0	0	0	0	0	0	0	0	2	0% 0%
No Warning Sign	53	62	0	0	0	0	0	0	0	0	0	0	58	2%
No Plate	874	932	0	0	0	0	0	0	0	0	0	0	903	28%
No Speed Captured Obstruction In Photo- PD	0 118	1 105	0	0	0	0	0	0	0	0	0	0	1 112	0% 3%
Out of State	162	181	0	0	0	0	0	0	0	0	0	0	172	5%
Plate Obstructed	128	85	0	0	0	0	0	0	0	0	0	0	107	3%
Short Yellow- PD	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Third Party Damage TSB Expired	0 32	14	0	0	0	0	0	0	0	0	0	0	14 17	0% 1%
TSB No Hit	774	284	0	0	0	0	0	0	0	0	0	0	529	16%
Total:	3,099	3,374	0	0	0	0	0	0	0	0	0	0	3,247	100%
Controllable Non-Issued Violation														90/
Conduent Expire Clarity of Plate	1 19	31	0	0	0	0	0	0	0	0	0	0	1 25	0% 5%
Clarity of Driver	48	61	0	0	0	0	0	0	0	0	0	0	55	11%
Dark Interior	45	25	0	0	0	0	0	0	0	0	0	0	35	7%
Data Box Related- PD	0 5	0 4	0	0	0	0	0	0	0	0	0	0	0 5	0% 1%
Data Box Data Error- PD Data Entry Error	5 5	11	0	0	0	0	0	0	0	0	0	0	8	1% 2%
Exposed	16	31	0	0	0	0	0	0	0	0	0	0	24	5%
Equipment Malfunction	151	157	0	0	0	0	0	0	0	0	0	0	154	31%
Framing- PD Framing of Car	31 7	28 13	0	0	0	0	0	0	0	0	0	0	30 10	6% 2%
Framing of Cal Framing of Driver	6	9	0	0	0	0	0	0	0	0	0	0	8	2%
Operator Error	5	3	0	0	0	0	0	0	0	0	0	0	4	1%
Framing of Plate	31	25	0	0	0	0	0	0	0	0	0	0	28	6%
Reject Expired Speed Not Determined	0 102	0 124	0	0	0	0	0	0	0	0	0	0	0 113	0% 23%
Total:	472	522	0	0	0	0	0	0	0	0	0	0	498	100%
Summary Metrics													Year to Date Mor	nthly Average
Daily Average Vehicle Passes	318,827	350,545	0	0	0	0	0	0	0	0	0	0		,686
Average Issued Speed Average Issued Red Seconds	21	18	0	0	0	0	0	0	0	0	0	0		9 5.2
- A SELOUS 1990EU DEU OBCOHUS	21	38	Λ	Λ	(1)	(1)	(1)							
	32	38	0	0	0	0	0	0						
Citiation / Violation Issuance Rate Controllable Issuance Rate	32 53% 89%	38 63% 91%	0 0% 0%	0 0% 0%	0%	0%	0%	0%	0%	0%	0%	0%		8%





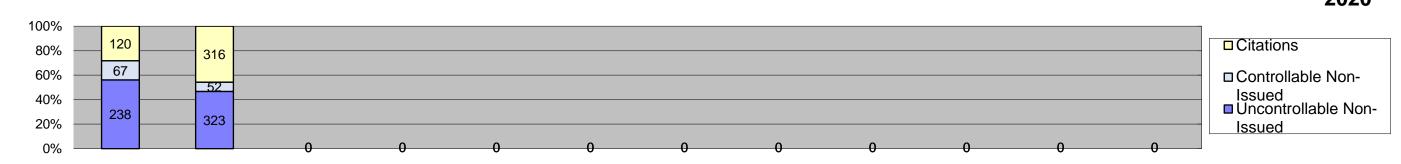


## Los Angeles County MTA Expo Line Approach Summary Report All Locations 2020





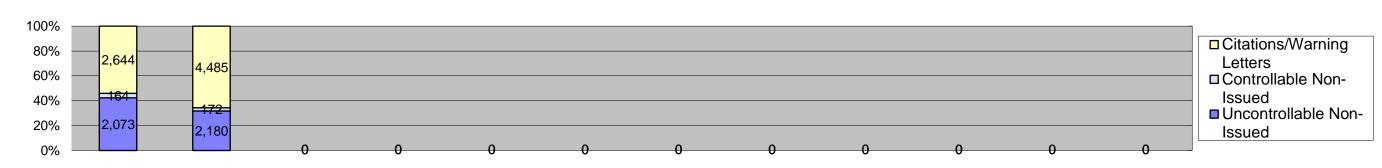
## Los Angeles County MTA Gold Line Approach Summary Report All Locations 2020



Events	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Year to Date M	onthly Average
				<u>,                                      </u>		•							Quantity	%
Non-Violations Violations	16,342 425	16,342 691	0	0	0	0	0	0	0	0	0	0	16,342 558	97% 3%
Total:		17,033	0	0	0	0	0	0	0	0	0	0	16,900	100%
Violations														
Uncontrollable Non-Issued	238	323	0	0	0	0	0	0	0	0	0	0	281	50%
Controllable Non-Issued Citations	67 120	52 316	0	0	0	0	0	0	0	0	0	0	60 218	11% 39%
Total:		691	0	0	0	0	0	0	0	0	0	0	558	100%
Non-Violations														
Emergency Vehicle Non-	89	25	0	0	0	0	0	0	0	0	0	0	57	0%
Issuable Emergency Vehicle PD	2	0	0	0	0	0	0	0	0	0	0	0	2	0%
Intersection Control in Progress-									_	-	<del>-</del>			
PD	3	1	0	0	0	0	0	0	0	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  Rear Axle Activation	6,667 6	7,007 92	0	0	0	0	0	0	0	0	0	0	6,837 49	42% 0%
Right Turn- No Violation	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Test Shot	2,939	2,816	0	0	0	0	0	0	0	0	0	0	2,878	18%
Train Activation	6,636	6,400	0	0	0	0	0	0	0	0	0	0	6,518	40%
Amber Time Low Vehicle Stopped- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0% 0%
Total:	Ū	16,342	0	0	0	0	0	0	0	0	0	0	16,344	100%
Uncontrollable Non-Is	•	,							-	3				. 5376
Administrative Dismissal	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Address/CDL/DOB Match Fail	20	42	0	0	0	0	0	0	0	0	0	0	31	11%
Car Obstructed	7	16	0	0	0	0	0	0	0	0	0	0	12	4%
Conditions Beyond Control	0	0 12	0	0	0	0	0	0	0	0	0	0	7	0% 2%
Driver Identity Unclear Driver Obstructed	33	80	0	0	0	0	0	0	0	0	0	0	57	19%
Exposed	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Emergency Vehicle Issue	39	31	0	0	0	0	0	0	0	0	0	0	35	12%
Glare on Plate Glare on Windshield	18 14	18 7	0	0	0	0	0	0	0	0	0	0	18	6% 4%
Illegible Plate	9	33	0	0	0	0	0	0	0	0	0	0	21	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 No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0% 0%
No Plate	46	60	0	0	0	0	0	0	0	0	0	0	53	18%
No Speed Captured	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Obstruction In Photo- PD	4	6	0	0	0	0	0	0	0	0	0	0	5	2%
Out of State Plate Obstructed	7 12	14 4	0	0	0	0	0	0	0	0	0	0	11 8	4% 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	4	0	0	0	0	0	0	0	0	0	0	0	4	1%
TSB No Hit Total:	24 <b>238</b>	0 <b>323</b>	0 <b>0</b>	<b>0</b>	0 <b>0</b>	<b>0</b>	0 <b>0</b>	<b>0</b>	<b>0</b>	0 <b>0</b>	0 <b>0</b>	<b>0</b>	24 295	8% 100%
Controllable Non-Issu		323	J	J. Company		Ü	J	J	J				233	10070
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 Dark Interior	0 17	0	0	0	0	0	0	0	0	0	0	0	9	0% 15%
Data Box Related- PD	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Data Box Data Error- PD	1	0	0	0	0	0	0	0	0	0	0	0	1	2%
Data Entry Error	0	4	0	0	0	0	0	0	0	0	0	0	4	6%
Exposed Equipment Malfunction	0 26	30	0	0	0	0	0	0	0	0	0	0	0 28	0% 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 Operator Error	0	0	0	0	0	0	0	0	0	0	0	0	0	2% 0%
Framing of Plate	22	16	0	0	0	0	0	0	0	0	0	0	19	31%
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: Summary Metrics	67	52	0	0	0	0	0	0	0	0	0	0	62 Voor to Data Ma	100%
Daily Average Vehicle Passes	75,538	78,790	0	0	0	0	0	0	0	0	0	0	Year to Date Mo	164
Average Issued Speed	17	17	0	0	0	0	0	0	0	0	0	0	1	7
Average Issued Red Seconds	104.2	113.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10	9.0
Citiation / Violation Issuance Rate	28%	46%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%		7%
Controllable Issuance Rate	64%	86%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	75	5%



## Los Angeles County MTA Orange Line Approach Summary Report All Locations



Events	Jan-20	Feb-20	Mar-20	Apr-20	May-20	Jun-20	Jul-20	Aug-20	Sep-20	Oct-20	Nov-20	Dec-20	Year to Date Mo	, ,
Non-Violations	8,970	9,193	0	0	0	0	0	0	0	0	0	0	Quantity 9,082	% 70%
Violations	4,881	6,837	0	9	0	0	0	0	0	0	0	0	3,909	30%
Total:	13,851	16,030	0	9	0	0	0	0	0	0	0	0	12,991	100%
Violations														
Uncontrollable Non-Issued	2,073	2,180	0	0	0	0	0	0	0	0	0	0	2,127	36%
Controllable Non-Issued Citations/Warning Letters	164 2,644	172 4,485	0	0	0	0	0	0	0	0	0	0	168 3,565	3% 61%
Total:	4,881	6,837	0	0	0	0	0	0	0	0	0	0	5,859	100%
Non-Violations	,												,	
Emergency Vehicle Non-	60	37	0	0	0	0	0	0	0	0	0	0	49	1%
Issuable Emergency Vehicle PD	3	0	0	0	0	0	0	0	0	0	0	0	3	0%
Intersection Control in Progress-													3	
PD	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Gate Down/ No Train	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Violation Occurred	5,407	5,703	0	0	0	0	0	0	0	0	0	0	5,555	61%
Rear Axle Activation Right Turn- No Violation	0 50	57 45	0	0	0	0	0	0	0	0	0	0	57 48	1% 1%
Test Shot	3,446	3,247	0	0	0	0	0	0	0	0	0	0	3,347	37%
Train Activation	0	103	0	0	0	0	0	0	0	0	0	0	103	1%
Amber Time Low	3	0	0	0	0	0	0	0	0	0	0	0	3	0%
Vehicle Stopped- PD <b>Total:</b>	8, <b>970</b>	9,193	0 <b>0</b>	<b>0</b>	0 <b>0</b>	0	0 <b>0</b>	0 <b>0</b>	0	0 <b>0</b>	0 <b>0</b>	<b>0</b>	9,166	0% 100%
Uncontrollable Non-Issued Violat		9,133	J	U	<b>.</b>	<del> </del>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	U	<u> </u>	9,100	10070
Administrative Dismissal	0	1	0	0	0	0	0	0	0	0	0	0	1	0%
Address/CDL/DOB Match Fail	96	590	0	0	0	0	0	0	0	0	0	0	343	14%
Car Obstructed	57	149	0	0	0	0	0	0	0	0	0	0	103	4%
Conditions Beyond Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Driver Identity Unclear	12	23	0	0	0	0	0	0	0	0	0	0	18	1%
Driver Obstructed Exposed	215 0	200	0	0	0	0	0	0	0	0	0	0	208 0	9% 0%
Emergency Vehicle Issue	16	13	0	0	0	0	0	0	0	0	0	0	15	1%
Glare on Plate	47	69	0	0	0	0	0	0	0	0	0	0	58	2%
Glare on Windshield	33	42	0	0	0	0	0	0	0	0	0	0	38	2%
Illegible Plate Interest of Justice- PD	17 0	9	0	0	0	0	0	0	0	0	0	0	13 3	1% 0%
Image Quality- PD	2	1	0	0	0	0	0	0	0	0	0	0	2	0%
Issuance Criteria Not Met- PD	1	1	0	0	0	0	0	0	0	0	0	0	1	0%
No Warning Sign	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
No Plate No Speed Captured	743 0	762 0	0	0	0	0	0	0	0	0	0	0	753 0	32% 0%
Obstruction In Photo- PD	100	81	0	0	0	0	0	0	0	0	0	0	91	4%
Out of State	121	146	0	0	0	0	0	0	0	0	0	0	134	6%
Plate Obstructed	109	73	0	0	0	0	0	0	0	0	0	0	91	4%
Short Yellow- PD Third Party Damage	0	14	0	0	0	0	0	0	0	0	0	0	1 14	0% 1%
TSB Expired	17	2	0	0	0	0	0	0	0	0	0	0	10	0%
TSB No Hit	487	0	0	0	0	0	0	0	0	0	0	0	487	20%
Total:	2,073	2,180	0	0	0	0	0	0	0	0	0	0	2,380	100%
Controllable Non-Issued Violation Conduent Expire	<u>0</u>	0	0	0	0	0	0	0	0	0	0	0	0	0%
Clarity of Plate	19	31	0	0	0	0	0	0	0	0	0	0	25	15%
Clarity of Driver	0	0	0	0	0	0	0	0	0	0	0	0	0	0%
Dark Interior	19	16	0	0	0	0	0	0	0	0	0	0	18	10%
Data Box Related- PD Data Box Data Error- PD	0	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	4	3	0	0	0	0	0	0	0	0	0	0	4	2%
Equipment Malfunction	112	115 0	0	0	0	0	0	0	0	0	0	0	114 0	67% 0%
Framing- PD Framing of Car	0 1	1	0	0	0	0	0	0	0	0	0	0	1	1%
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 Reject Expired	8 0	6	0	0	0	0	0	0	0	0	0	0	7 0	4% 0%
Speed Not Determined	0 1	0	0	0	0	0	0	0	0	0	0	0	1	1%
Total:	164	172	0	0	0	0	0	0	0	0	0	0	169	100%
Summary Metrics													Year to Date Mon	, ,
Daily Average Vehicle Passes	179,610	206,004	0	0	0	0	0	0	0	0	0	0	192,	
Average Issued Speed Average Issued Red Seconds	23 10.7	23 8.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	23 9.	
Citiation / Violation Issuance	54%	66%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	604	
Rate Controllable Issuance Rate	94%	96%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	959	
J J IOGGGI IOG I (dto	J 1/U	5570	U / U	J / U	070	U / U	J /J	U / U	U / U	U / U	<b>U</b> / U	0,0		