



Expo Line Monthly Report



Metro

Los Angeles County
Metropolitan Transportation Authority

July 2015



Prepared by: Xerox State and Local Solutions
Confidential

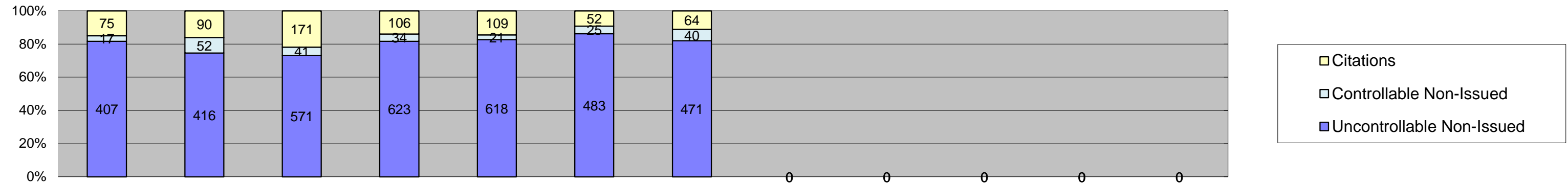


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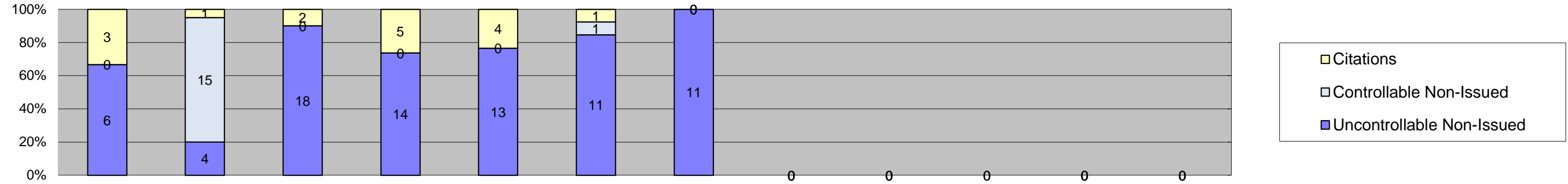
Los Angeles County MTA Expo Line Approach Summary Report All Locations



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	3,049	3,035	3,034	2,870	2,878	3,012	4,125							3,143	83%	4,327	89%
Violations	499	558	783	763	748	560	575							641	17%	557	11%
Total:	3,548	3,593	3,817	3,633	3,626	3,572	4,700							3,784	100%	4,884	100%
Violations																	
Uncontrollable Non-Issued	407	416	571	623	618	483	471							513	80%	371	67%
Controllable Non-Issued	17	52	41	34	21	25	40							33	5%	33	6%
Citations	75	90	171	106	109	52	64							95	15%	153	27%
Total:	499	558	783	763	748	560	575							641	85%	557	73%
Non-Violations																	
Rear Axle Violation	0	2	0	1	0	0	0							2	0%	14	0%
Emergency Vehicle	25	32	31	20	21	23	17							24	1%	50	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	3,024	3,001	3,003	2,849	2,857	2,989	4,108							3,119	99%	4,263	99%
Total:	3,049	3,035	3,034	2,870	2,878	3,012	4,125							3,144	100%	4,327	100%
Uncontrollable Non-Issued Violations																	
No Plate	75	79	100	101	97	74	82							87	17%	51	13%
Out of State Plate	10	6	8	8	11	2	14							8	2%	6	2%
Glare on Plate	3	1	1	0	0	0	0							2	0%	12	4%
Illegible Plate	20	32	52	48	71	34	31							41	8%	44	13%
Plate Obstructed	8	8	5	14	8	8	7							8	2%	8	2%
Windshield Glare	99	64	102	107	117	77	92							94	18%	40	12%
Driver Obstructed	30	35	56	84	31	47	56							48	9%	24	7%
Car Obstructed	3	4	4	7	0	1	9							5	1%	29	9%
No DMV Match Found	39	51	67	57	78	62	31							55	11%	42	12%
LASD Expired	1	0	0	3	0	1	1							2	0%	12	4%
LASD Return	119	136	176	194	205	177	148							165	32%	118	35%
Other	0	0	0	0	0	0	0							0	0%	3	1%
Total:	407	416	571	623	618	483	471							515	100%	336	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	2	4%
Focus / Clarity of Plate	3	0	0	0	0	0	0							3	7%	3	5%
Dark Interior	3	31	20	18	14	9	13							15	37%	12	26%
Framing of Driver	0	0	0	0	0	0	0							0	0%	2	3%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	3	6%
Framing of Car	0	0	0	0	1	0	0							1	2%	2	4%
Data/Operator Error	3	2	1	0	0	2	22							6	14%	5	11%
Exposure	0	2	4	0	2	13	1							4	11%	10	20%
Equipment Malfunction	8	17	16	13	2	0	4							10	24%	7	15%
Xerox Expired	0	0	0	3	2	1	0							2	5%	2	4%
Total:	17	52	41	34	21	25	40							42	100%	48	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	17,806	18,664	16,365	18,610	17,341	15,817	16,375							17,283		15,365	
Average Issued Speed	21	21	22	22	20	21	22							21		21	
Average Issued Red Seconds	18.7	17.3	16.7	11.9	18.3	9.5	22.3							16.4		57.3	
Citation / Violation Issuance Rate	15%	16%	22%	14%	15%	9%	11%							15%		27%	
Controllable Issuance Rate	82%	63%	81%	76%	84%	68%	62%							73%		83%	



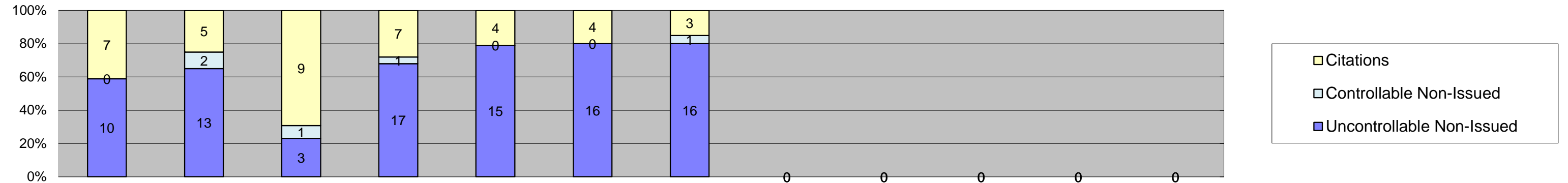
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5008: SB to EB Flower @ Washington



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	68	41	107	114	73	69	86							80	84%	84	88%
Violations	9	20	20	19	17	13	11							16	16%	12	12%
Total:	77	61	127	133	90	82	97							95	100%	96	100%
Violations																	
Uncontrollable Non-Issued	6	4	18	14	13	11	11							11	51%	9	73%
Controllable Non-Issued	0	15	0	0	0	1	0							8	37%	0	0%
Citations	3	1	2	5	4	1	0							3	12%	3	27%
Total:	9	20	20	19	17	13	11							22	88%	12	73%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	2	3	4	1	2	4	1							2	3%	3	3%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	66	38	103	113	71	65	85							77	97%	82	97%
Total:	68	41	107	114	73	69	86							80	100%	84	100%
Uncontrollable Non-Issued Violations																	
No Plate	1	2	6	5	3	3	2							3	18%	1	8%
Out of State Plate	0	0	1	0	0	0	2							2	9%	1	7%
Glare on Plate	0	0	0	0	0	0	0							0	0%	1	7%
Illegible Plate	0	1	1	1	1	1	1							1	6%	1	8%
Plate Obstructed	0	0	0	0	1	0	0							1	6%	0	0%
Windshield Glare	0	0	0	0	0	2	0							2	12%	1	7%
Driver Obstructed	1	0	2	1	0	1	3							2	9%	1	9%
Car Obstructed	0	0	0	1	0	0	0							1	6%	0	0%
No DMV Match Found	3	1	7	6	4	2	0							4	22%	6	39%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	7%
LASD Return	1	0	1	0	4	2	3							2	13%	1	9%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	6	4	18	14	13	11	11							17	100%	15	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0
Dark Interior	0	0	0	0	0	1	0							1	6%	0	0
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0
Focus / Clarity of Driver	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
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0
Exposure	0	0	0	0	0	0	0							0	0%	0	0
Equipment Malfunction	0	15	0	0	0	0	0							15	94%	0	0
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0
Total:	0	15	0	0	0	1	0							16	100%	0	0%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	802	836	651	805	714	770	696							753		712	
Average Issued Speed	19	18	22	22	18	23	0							20		21	
Average Issued Red Seconds	0.8	2.6	0.4	2.4	0.5	0.2	0							1.1		15.0	
Citation / Violation Issuance Rate	33%	5%	10%	26%	24%	8%	0%							18%		27%	
Controllable Issuance Rate	100%	6%	100%	100%	100%	50%	0%							76%		100%	



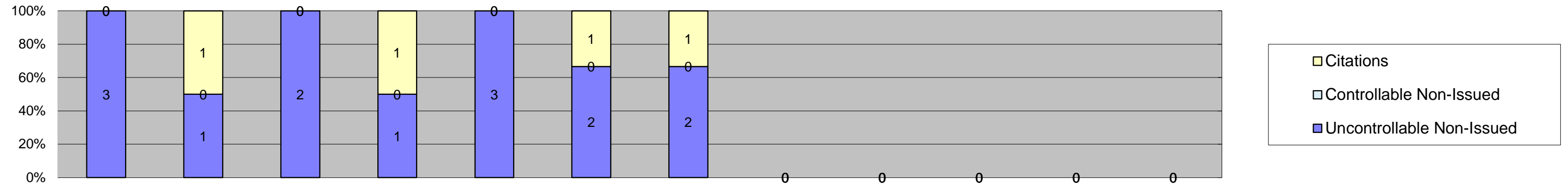
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5018: SB to WB Flower @ USC Trade Tech



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	75	50	67	85	64	74	66							69	78%	72	80%
Violations	17	20	13	25	19	20	20							19	22%	18	20%
Total:	92	70	80	110	83	94	86							88	100%	90	100%
Violations																	
Uncontrollable Non-Issued	10	13	3	17	15	16	16							13	65%	12	59%
Controllable Non-Issued	0	2	1	1	0	0	1							1	6%	3	17%
Citations	7	5	9	7	4	4	3							6	28%	5	25%
Total:	17	20	13	25	19	20	20							20	72%	20	75%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	1	4	1	2	3	0	1							2	3%	2	3%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	74	46	66	83	61	74	65							67	97%	70	97%
Total:	75	50	67	85	64	74	66							69	100%	73	100%
Uncontrollable Non-Issued Violations																	
No Plate	3	2	1	4	5	5	4							3	18%	2	12%
Out of State Plate	0	0	0	0	0	0	1							1	5%	1	6%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	10%
Illegible Plate	0	3	0	1	0	1	1							2	8%	2	12%
Plate Obstructed	1	0	0	0	0	0	0							1	5%	1	6%
Windshield Glare	0	0	0	5	1	0	3							3	16%	2	8%
Driver Obstructed	4	4	1	5	4	6	5							4	22%	3	16%
Car Obstructed	0	1	0	0	0	0	0							1	5%	1	6%
No DMV Match Found	2	1	1	0	1	3	0							2	8%	2	10%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	0	2	0	2	4	1	2							2	12%	3	16%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	10	13	3	17	15	16	16							19	100%	18	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	3	57%
Dark Interior	0	0	0	0	0	0	1							1	29%	2	43%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	2	1	0	0	0	0							2	43%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	0	0%
Equipment Malfunction	0	0	0	1	0	0	0							1	29%	0	0%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	2	1	1	0	0	1							4	100%	5	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	687	665	649	639	554	506	531							604		617	
Average Issued Speed	20	20	21	23	20	19	20							20		21	
Average Issued Red Seconds	30.9	11.7	21.2	24.2	5.0	32.3	16.1							20.2		12.9	
Citation / Violation Issuance Rate	41%	25%	69%	28%	21%	20%	15%							31%		29%	
Controllable Issuance Rate	100%	71%	90%	88%	100%	100%	75%							89%		87%	



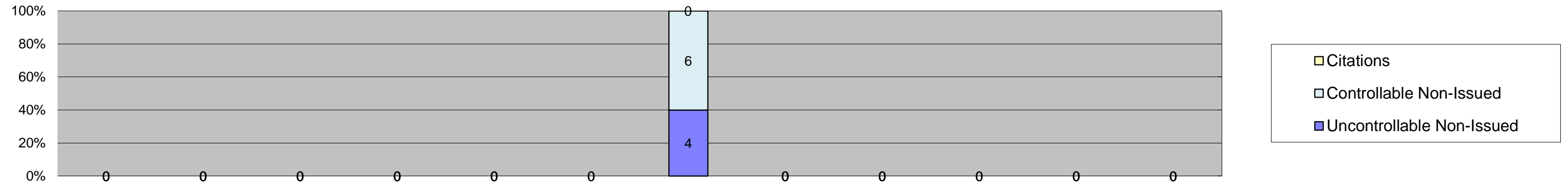
Los Angeles County MTA Expo Line Approach Summary Report Location 5028: SB to EB Flower @ 23rd



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	1,262	1,182	1,145	1,144	1,035	1,290	1,272							1,190	100%	1,036	100%
Violations	3	2	2	2	3	3	3							3	0%	4	0%
Total:	1,265	1,184	1,147	1,146	1,038	1,293	1,275							1,193	100%	1,040	100%
Violations																	
Uncontrollable Non-Issued	3	1	2	1	3	2	2							2	67%	2	32%
Controllable Non-Issued	0	0	0	0	0	0	0							0	0%	2	42%
Citations	0	1	0	1	0	1	1							1	33%	2	26%
Total:	3	2	2	2	3	3	3							3	67%	6	74%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	0	0	1	1	0	0	2							1	0%	1	0%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	1,262	1,182	1,144	1,143	1,035	1,290	1,270							1,189	100%	1,036	100%
Total:	1,262	1,182	1,145	1,144	1,035	1,290	1,272							1,191	100%	1,037	100%
Uncontrollable Non-Issued Violations																	
No Plate	2	0	1	0	0	2	1							2	30%	2	22%
Out of State Plate	0	0	0	0	0	0	0							0	0%	1	13%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	0	0	0	1	2	0	0							2	30%	1	13%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	1	13%
Windshield Glare	1	0	0	0	1	0	0							1	20%	0	0%
Driver Obstructed	0	1	1	0	0	0	1							1	20%	0	0%
Car Obstructed	0	0	0	0	0	0	0							0	0%	1	13%
No DMV Match Found	0	0	0	0	0	0	0							0	0%	1	13%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	0	0	0	0	0	0	0							0	0%	1	13%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	3	1	2	1	3	2	2							5	100%	8	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	0	0	0	0	0	0	0							0	0%	1	33%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	2	67%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	0	0%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	0	0	0	0	0	0							0	0%	3	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	387	349	329	291	317	306	290							324		378	
Average Issued Speed	0	32	0	32	0	22	22							27		24	
Average Issued Red Seconds	0	52.4	0	0.3	0	33.3	47.1							33.3		59.5	
Citation / Violation Issuance Rate	0%	50%	0%	50%	0%	33%	33%							42%		34%	
Controllable Issuance Rate	0%	100%	0%	100%	0%	100%	100%							100%		74%	



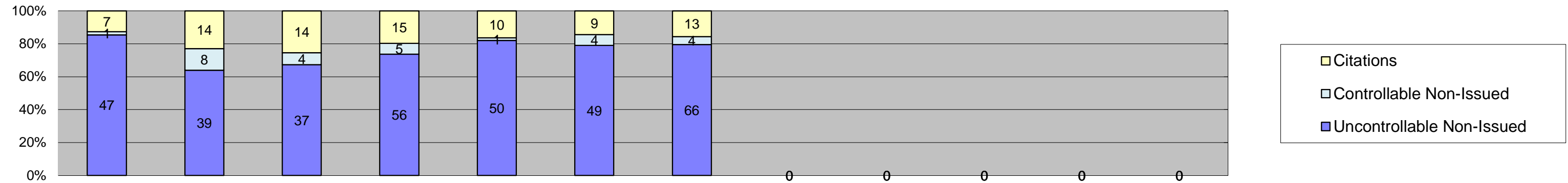
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5038: SB to EB Flower @ Adams



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	0	0	0	0	0	0	623							623	98%	367	97%
Violations	0	0	0	0	0	0	10							10	2%	13	3%
Total:	0	0	0	0	0	0	633							633	100%	380	100%
Violations																	
Uncontrollable Non-Issued	0	0	0	0	0	0	4							4	40%	9	62%
Controllable Non-Issued	0	0	0	0	0	0	6							6	60%	5	31%
Citations	0	0	0	0	0	0	0							0	0%	1	7%
Total:	0	0	0	0	0	0	10							10	100%	15	93%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	6	2%
Emergency Vehicle	0	0	0	0	0	0	2							2	0%	2	0%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	0	0	0	0	0	0	621							621	100%	362	98%
Total:	0	0	0	0	0	0	623							623	100%	370	100%
Uncontrollable Non-Issued Violations																	
No Plate	0	0	0	0	0	0	1							1	25%	2	8%
Out of State Plate	0	0	0	0	0	0	0							0	0%	0	0%
Glare on Plate	0	0	0	0	0	0	0							0	0%	1	5%
Illegible Plate	0	0	0	0	0	0	0							0	0%	0	0%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	0	0%
Windshield Glare	0	0	0	0	0	0	2							2	50%	1	5%
Driver Obstructed	0	0	0	0	0	0	0							0	0%	4	19%
Car Obstructed	0	0	0	0	0	0	0							0	0%	2	8%
No DMV Match Found	0	0	0	0	0	0	0							0	0%	3	14%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	0	0	0	0	0	0	1							1	25%	5	24%
Other	0	0	0	0	0	0	0							0	0%	4	18%
Total:	0	0	0	0	0	0	4							4	100%	22	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	0	0	0	0	0	0	0							0	0%	2	30%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	6							6	100%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	0	0%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	4	70%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	0	0	0	0	0	6							6	100%	6	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	0	40	533	505	424	472	451							404		420	
Average Issued Speed	0	0	0	0	0	0	0							0		17	
Average Issued Red Seconds	0	0	0	0	0	0	0							0.0		395.0	
Citation / Violation Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		8%	
Controllable Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		17%	



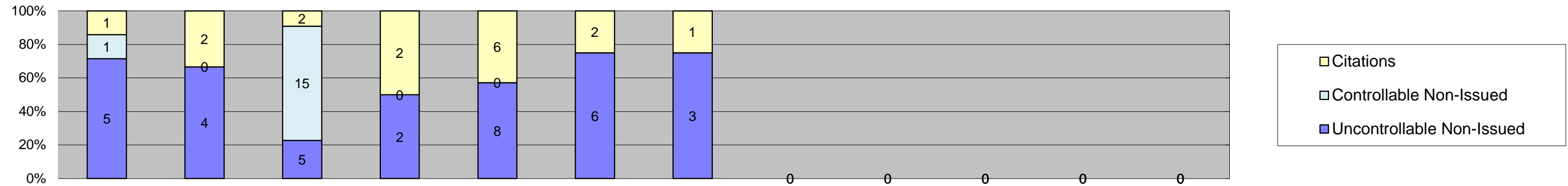
Los Angeles County MTA Expo Line Approach Summary Report Location 5048: SB to EB Flower at 28th



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	33	13	28	21	26	28	19							24	27%	20	29%
Violations	55	61	55	76	61	62	83							65	73%	49	71%
Total:	88	74	83	97	87	90	102							89	100%	69	100%
Violations																	
Uncontrollable Non-Issued	47	39	37	56	50	49	66							49	76%	30	61%
Controllable Non-Issued	1	8	4	5	1	4	4							4	6%	11	23%
Citations	7	14	14	15	10	9	13							12	18%	8	16%
Total:	55	61	55	76	61	62	83							65	82%	49	84%
Non-Violations																	
Rear Axle Violation	0	2	0	0	0	0	0							2	8%	1	7%
Emergency Vehicle	0	1	1	1	1	1	1							1	4%	1	6%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	33	10	27	20	25	27	18							23	88%	18	88%
Total:	33	13	28	21	26	28	19							26	100%	21	100%
Uncontrollable Non-Issued Violations																	
No Plate	14	9	10	12	11	5	17							11	21%	5	14%
Out of State Plate	4	2	0	4	3	0	1							3	5%	1	3%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	0	0	0	0	1	0	0							1	2%	1	3%
Plate Obstructed	0	0	0	0	0	1	2							2	3%	1	4%
Windshield Glare	15	3	3	3	9	6	8							7	13%	5	15%
Driver Obstructed	7	11	15	20	10	15	21							14	26%	9	25%
Car Obstructed	2	0	0	0	0	0	0							2	4%	0	0%
No DMV Match Found	1	2	1	3	4	2	2							2	4%	2	6%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	3%
LASD Return	4	12	8	14	12	20	15							12	23%	10	28%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	47	39	37	56	50	49	66							54	100%	35	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	1	8	3	2	1	1	3							3	31%	9	25%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	2	7%
Framing of Car	0	0	0	0	0	0	0							0	0%	1	3%
Data/Operator Error	0	0	0	0	0	0	1							1	11%	17	50%
Exposure	0	0	1	0	0	3	0							2	23%	1	3%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	1	3%
Xerox Expired	0	0	0	3	0	0	0							3	34%	3	9%
Total:	1	8	4	5	1	4	4							9	100%	34	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	4,458	4,125	3,919	5,054	4,341	3,727	4,190							4,259		4,203	
Average Issued Speed	33	27	34	34	26	33	31							31		31	
Average Issued Red Seconds	2.9	0.6	0.5	0.8	0.8	0.4	0.4							0.9		0.6	
Citation / Violation Issuance Rate	13%	23%	25%	20%	16%	15%	16%							18%		16%	
Controllable Issuance Rate	88%	64%	78%	75%	91%	69%	76%							77%		46%	



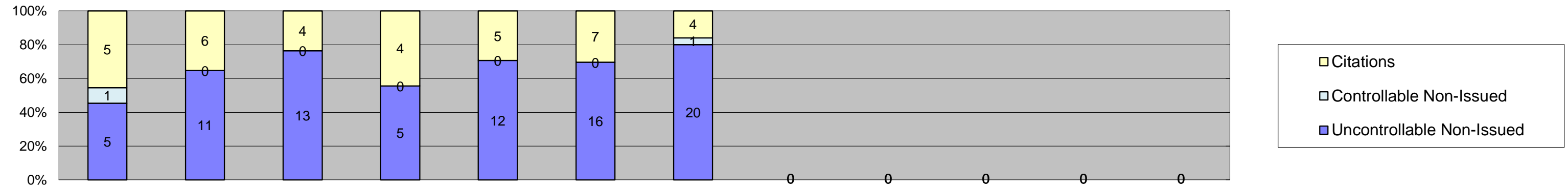
Los Angeles County MTA Expo Line Approach Summary Report Location 5058: SB to EB Flower @ 30th



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	139	134	154	170	132	177	155							152	94%	113	94%
Violations	7	6	22	4	14	8	4							9	6%	8	6%
Total:	146	140	176	174	146	185	159							161	100%	120	100%
Violations																	
Uncontrollable Non-Issued	5	4	5	2	8	6	3							5	31%	5	49%
Controllable Non-Issued	1	0	15	0	0	0	0							8	53%	1	14%
Citations	1	2	2	2	6	2	1							2	15%	4	36%
Total:	7	6	22	4	14	8	4							15	85%	10	64%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	1	2	1	1	0	2	0							1	1%	1	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	138	132	153	169	132	175	155							151	99%	112	99%
Total:	139	134	154	170	132	177	155							152	100%	114	100%
Uncontrollable Non-Issued Violations																	
No Plate	1	0	3	0	1	2	2							2	19%	2	15%
Out of State Plate	0	0	0	0	1	0	0							1	11%	1	9%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	0	0	0	0	0	1	0							1	11%	1	9%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	1	9%
Windshield Glare	1	0	1	0	0	0	0							1	11%	1	11%
Driver Obstructed	0	0	0	1	0	0	0							1	11%	1	9%
Car Obstructed	0	0	0	0	0	0	0							0	0%	0	0%
No DMV Match Found	1	2	0	1	5	1	0							2	22%	2	17%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	2	2	1	0	1	2	1							2	16%	3	22%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	5	4	5	2	8	6	3							9	100%	12	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	1	0	0	0	0	0	0							1	6%	0	0%
Dark Interior	0	0	0	0	0	0	0							0	0%	2	27%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	1	18%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	1	18%
Equipment Malfunction	0	0	15	0	0	0	0							15	94%	1	18%
Xerox Expired	0	0	0	0	0	0	0							0	0%	1	18%
Total:	1	0	15	0	0	0	0							16	100%	6	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	245	263	264	231	197	217	202							231		258	
Average Issued Speed	18	22	24	18	19	23	34							22		20	
Average Issued Red Seconds	59.8	95.7	99.3	47.9	32.1	0.6	84.3							60.0		56.8	
Citation / Violation Issuance Rate	14%	33%	9%	50%	43%	25%	25%							29%		47%	
Controllable Issuance Rate	50%	100%	12%	100%	100%	100%	100%							80%		88%	



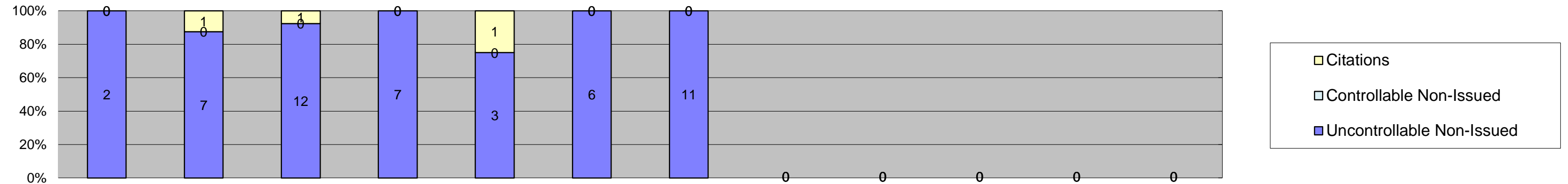
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5068: SB to EB Flower @ Jefferson



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	83	70	76	87	91	76	96							83	83%	93	88%
Violations	11	17	17	9	17	23	25							17	17%	13	12%
Total:	94	87	93	96	108	99	121							100	100%	106	100%
Violations																	
Uncontrollable Non-Issued	5	11	13	5	12	16	20							12	66%	6	39%
Controllable Non-Issued	1	0	0	0	0	0	1							1	6%	3	22%
Citations	5	6	4	4	5	7	4							5	28%	6	40%
Total:	11	17	17	9	17	23	25							18	72%	15	60%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	0	0	0	0	2	1	1							1	2%	1	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	83	70	76	87	89	75	95							82	98%	92	99%
Total:	83	70	76	87	91	76	96							83	100%	93	100%
Uncontrollable Non-Issued Violations																	
No Plate	4	1	5	2	5	2	3							3	20%	2	11%
Out of State Plate	0	0	0	0	1	0	0							1	6%	1	8%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	0	0	0	0	0	0	0							0	0%	1	8%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	1	8%
Windshield Glare	0	2	2	0	0	3	1							2	13%	1	8%
Driver Obstructed	0	3	0	1	1	3	1							2	11%	1	8%
Car Obstructed	0	0	0	0	0	0	0							0	0%	1	8%
No DMV Match Found	1	3	4	2	0	5	1							3	17%	3	24%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	8%
LASD Return	0	2	2	0	5	3	14							5	33%	2	12%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	5	11	13	5	12	16	20							16	100%	13	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	0	0	0	0	0	0	1							1	50%	2	22%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	2	26%
Equipment Malfunction	1	0	0	0	0	0	0							1	50%	1	13%
Xerox Expired	0	0	0	0	0	0	0							0	0%	3	39%
Total:	1	0	0	0	0	0	1							2	100%	8	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	899	867	716	839	797	731	742							799		1,007	
Average Issued Speed	23	24	20	22	21	18	20							21		21	
Average Issued Red Seconds	20.4	17.1	0.7	20.0	0.5	28.1	25.4							16.0		10.4	
Citation / Violation Issuance Rate	45%	35%	24%	44%	29%	30%	16%							32%		45%	
Controllable Issuance Rate	83%	100%	100%	100%	100%	100%	80%							95%		86%	



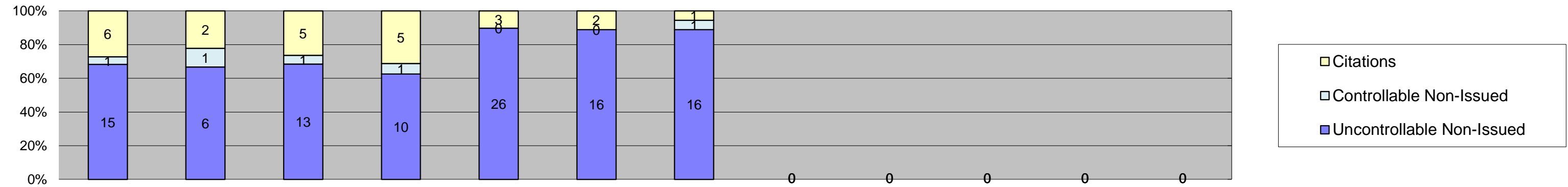
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5077: EB to NB Exposition @ Watt



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	95	417	219	99	111	178	196							188	96%	139	94%
Violations	2	8	13	7	4	6	11							7	4%	9	6%
Total:	97	425	232	106	115	184	207							195	100%	149	100%
Violations																	
Uncontrollable Non-Issued	2	7	12	7	3	6	11							7	87%	4	28%
Controllable Non-Issued	0	0	0	0	0	0	0							0	0%	9	58%
Citations	0	1	1	0	1	0	0							1	13%	2	13%
Total:	2	8	13	7	4	6	11							8	87%	15	87%
Non-Violations																	
Rear Axle Violation	0	0	0	1	0	0	0							1	1%	0	0%
Emergency Vehicle	0	1	3	1	0	0	0							2	1%	1	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	95	416	216	97	111	178	196							187	99%	139	99%
Total:	95	417	219	99	111	178	196							190	100%	140	100%
Uncontrollable Non-Issued Violations																	
No Plate	0	5	1	0	1	0	1							2	16%	2	16%
Out of State Plate	0	0	0	0	0	0	0							0	0%	1	10%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	1	0	4	1	2	3	2							2	18%	3	25%
Plate Obstructed	0	0	0	0	0	0	2							2	16%	0	0%
Windshield Glare	0	1	2	1	0	1	5							2	16%	2	15%
Driver Obstructed	1	0	3	3	0	1	1							2	15%	2	15%
Car Obstructed	0	0	0	0	0	0	0							0	0%	0	0%
No DMV Match Found	0	0	0	1	0	0	0							1	8%	0	0%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	0	1	2	1	0	1	0							1	10%	2	20%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	2	7	12	7	3	6	11							12	100%	10	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	1	8%
Dark Interior	0	0	0	0	0	0	0							0	0%	1	8%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	10	75%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	1	10%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	0	0	0	0	0	0							0	0%	13	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	55	59	71	57	52	51	55							57		87	
Average Issued Speed	0	20	17	0	17	0	0							18		19	
Average Issued Red Seconds	0	0.4	99.9	0	99.9	0	0							66.7		61.6	
Citation / Violation Issuance Rate	0%	13%	8%	0%	25%	0%	0%							15%		36%	
Controllable Issuance Rate	0%	100%	100%	0%	100%	0%	0%							100%		81%	



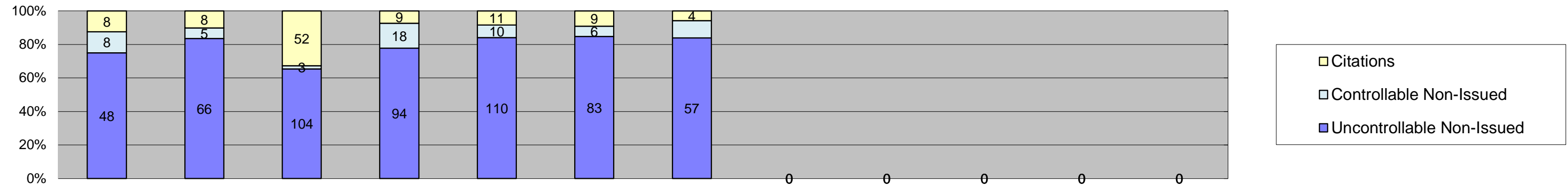
**Los Angeles County MTA Expo Line
Approach Summary Report
Location 5079: WB to SB Exposition @ Bill Robertson**



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	117	91	122	91	89	96	87							99	84%	115	84%
Violations	22	9	19	16	29	18	18							19	16%	22	16%
Total:	139	100	141	107	118	114	105							118	100%	136	100%
Violations																	
Uncontrollable Non-Issued	15	6	13	10	26	16	16							15	77%	16	70%
Controllable Non-Issued	1	1	1	1	0	0	1							1	5%	3	14%
Citations	6	2	5	5	3	2	1							3	18%	4	17%
Total:	22	9	19	16	29	18	18							19	82%	23	83%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	0	1	1	0	0	1	1							1	1%	2	2%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	117	90	121	91	89	95	86							98	99%	114	98%
Total:	117	91	122	91	89	96	87							99	100%	116	100%
Uncontrollable Non-Issued Violations																	
No Plate	3	2	3	2	6	2	3							3	15%	3	15%
Out of State Plate	1	0	0	0	0	0	4							3	13%	1	6%
Glare on Plate	0	0	0	0	0	0	0							0	0%	0	0%
Illegible Plate	0	1	3	2	3	2	3							2	12%	2	11%
Plate Obstructed	2	0	0	1	2	0	2							2	9%	2	10%
Windshield Glare	3	1	3	2	7	3	2							3	15%	3	15%
Driver Obstructed	0	0	2	1	1	2	0							2	8%	2	9%
Car Obstructed	0	1	0	1	0	0	0							1	5%	0	0%
No DMV Match Found	2	0	0	0	1	1	0							1	7%	1	6%
LASD Expired	0	0	0	0	0	0	0							0	0%	2	9%
LASD Return	4	1	2	1	6	6	2							3	16%	4	19%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	15	6	13	10	26	16	16							20	100%	22	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	2	16%
Dark Interior	1	1	1	1	0	0	0							1	50%	2	26%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	4	37%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	1							1	50%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	1	11%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	0	0%
Xerox Expired	0	0	0	0	0	0	0							0	0%	1	11%
Total:	1	1	1	1	0	0	1							2	100%	9	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	732	784	617	772	651	606	640							686		809	
Average Issued Speed	18	22	17	16	18	17	19							18		17	
Average Issued Red Seconds	17.8	50.4	20.5	14.1	0.7	0.5	59.9							23.4		8.2	
Citation / Violation Issuance Rate	27%	22%	26%	31%	10%	11%	6%							19%		17%	
Controllable Issuance Rate	86%	67%	83%	83%	100%	100%	50%							81%		68%	



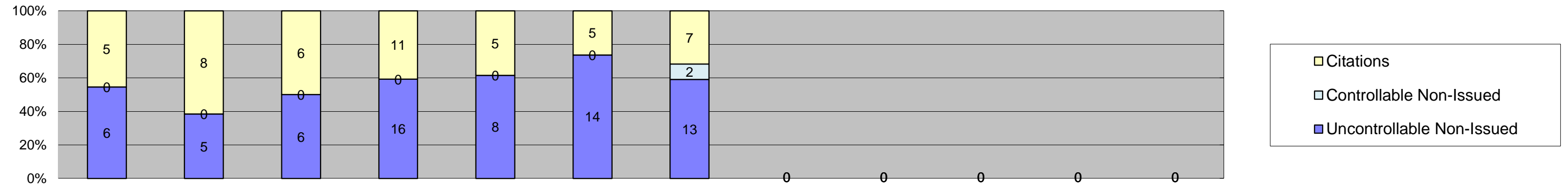
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5087: EB to NB Exposition @ Vermont



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	173	131	215	197	306	283	244							221	68%	208	63%
Violations	64	79	159	121	131	98	68							103	32%	123	37%
Total:	237	210	374	318	437	381	312							324	100%	331	100%
Violations																	
Uncontrollable Non-Issued	48	66	104	94	110	83	57							80	78%	92	74%
Controllable Non-Issued	8	5	3	18	10	6	7							8	8%	10	8%
Citations	8	8	52	9	11	9	4							14	14%	23	19%
Total:	64	79	159	121	131	98	68							103	86%	125	81%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	4	1	5	2	2	2	1							2	1%	2	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	169	130	210	195	304	281	243							219	99%	206	99%
Total:	173	131	215	197	306	283	244							221	100%	208	100%
Uncontrollable Non-Issued Violations																	
No Plate	5	13	17	13	16	17	8							13	15%	11	11%
Out of State Plate	2	1	1	2	2	1	1							1	2%	2	2%
Glare on Plate	2	0	1	0	0	0	0							2	2%	3	3%
Illegible Plate	7	1	13	7	15	3	3							7	8%	6	6%
Plate Obstructed	0	0	1	1	0	1	1							1	1%	1	1%
Windshield Glare	23	16	27	40	34	22	15							25	31%	11	12%
Driver Obstructed	1	1	9	12	2	4	3							5	6%	3	3%
Car Obstructed	0	0	2	1	0	0	0							2	2%	2	2%
No DMV Match Found	4	15	12	5	11	14	5							9	11%	16	16%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	1%
LASD Return	4	19	21	13	30	21	21							18	22%	41	43%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	48	66	104	94	110	83	57							83	100%	96	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	1	4%
Focus / Clarity of Plate	1	0	0	0	0	0	0							1	7%	3	12%
Dark Interior	0	4	2	6	6	4	4							4	32%	6	22%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	3	12%
Framing of Car	0	0	0	0	1	0	0							1	7%	0	0%
Data/Operator Error	0	0	0	0	0	2	1							2	11%	0	0%
Exposure	0	0	1	0	1	0	0							1	7%	2	8%
Equipment Malfunction	7	1	0	12	2	0	2							5	35%	4	16%
Xerox Expired	0	0	0	0	0	0	0							0	0%	7	26%
Total:	8	5	3	18	10	6	7							14	100%	25	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	1,422	1,452	1,231	1,374	1,167	1,070	1,093							1,259		1,625	
Average Issued Speed	21	20	19	18	19	19	21							19		20	
Average Issued Red Seconds	0.7	0.4	0.7	0.5	0.6	0.8	0.6							0.6		0.6	
Citation / Violation Issuance Rate	13%	10%	33%	7%	8%	9%	6%							12%		19%	
Controllable Issuance Rate	50%	62%	95%	33%	52%	60%	36%							55%		76%	



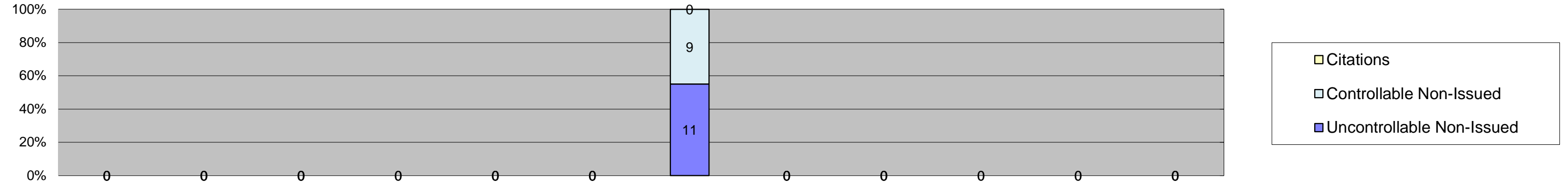
Los Angeles County MTA Expo Line Approach Summary Report Location 5089: WB to SB Exposition @ Vermont



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	135	113	128	99	78	91	78							103	86%	119	88%
Violations	11	13	12	27	13	19	22							17	14%	16	12%
Total:	146	126	140	126	91	110	100							120	100%	134	100%
Violations																	
Uncontrollable Non-Issued	6	5	6	16	8	14	13							10	53%	9	54%
Controllable Non-Issued	0	0	0	0	0	0	2							2	11%	3	15%
Citations	5	8	6	11	5	5	7							7	36%	5	30%
Total:	11	13	12	27	13	19	22							18	64%	17	70%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	4	3	2	1	0	1	2							2	2%	2	2%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	131	110	126	98	78	90	76							101	98%	117	98%
Total:	135	113	128	99	78	91	78							103	100%	119	100%
Uncontrollable Non-Issued Violations																	
No Plate	2	2	3	5	1	2	2							2	17%	3	17%
Out of State Plate	0	0	0	0	0	0	0							0	0%	2	8%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	12%
Illegible Plate	3	0	2	3	5	2	1							3	19%	3	15%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	1	6%
Windshield Glare	0	0	0	0	0	1	3							2	14%	1	6%
Driver Obstructed	0	1	0	4	0	1	2							2	14%	1	6%
Car Obstructed	0	0	0	0	0	0	0							0	0%	1	6%
No DMV Match Found	1	2	1	1	1	1	1							1	8%	2	11%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	6%
LASD Return	0	0	0	3	1	7	4							4	27%	2	9%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	6	5	6	16	8	14	13							14	100%	18	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	2	27%
Dark Interior	0	0	0	0	0	0	0							0	0%	1	13%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	2							2	100%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	4	47%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	1	13%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	0	0	0	0	0	2							2	100%	8	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	1,502	1,609	1,261	1,457	1,353	1,297	1,296							1,397		1,499	
Average Issued Speed	20	23	25	21	21	20	21							22		21	
Average Issued Red Seconds	20.3	0.6	0.6	27.7	20.7	15.9	10.6							13.7		4.9	
Citation / Violation Issuance Rate	45%	62%	50%	41%	38%	26%	32%							42%		33%	
Controllable Issuance Rate	100%	100%	100%	100%	100%	100%	78%							97%		87%	



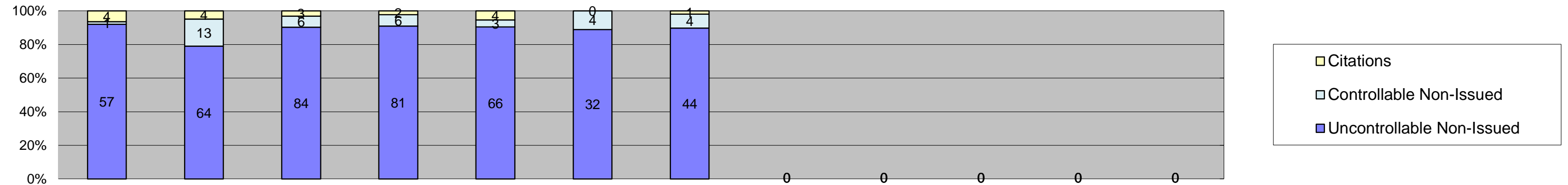
**Los Angeles County MTA Expo Line
Approach Summary Report
Location 5097: EB to NB Exposition @ Raymond**



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	0	0	0	0	0	0	385							385	95%	796	99%
Violations	0	0	0	0	0	0	20							20	5%	4	1%
Total:	0	0	0	0	0	0	405							405	100%	800	100%
Violations																	
Uncontrollable Non-Issued	0	0	0	0	0	0	11							11	55%	2	31%
Controllable Non-Issued	0	0	0	0	0	0	9							9	45%	1	15%
Citations	0	0	0	0	0	0	0							0	0%	4	54%
Total:	0	0	0	0	0	0	20							20	100%	7	46%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	3	0%
Emergency Vehicle	0	0	0	0	0	0	0							0	0%	2	0%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	0	0	0	0	0	0	385							385	100%	794	99%
Total:	0	0	0	0	0	0	385							385	100%	798	100%
Uncontrollable Non-Issued Violations																	
No Plate	0	0	0	0	0	0	0							0	0%	0	0%
Out of State Plate	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%
Illegible Plate	0	0	0	0	0	0	0							0	0%	0	0%
Plate Obstructed	0	0	0	0	0	0	0							0	0%	0	0%
Windshield Glare	0	0	0	0	0	0	0							0	0%	0	0%
Driver Obstructed	0	0	0	0	0	0	0							0	0%	0	0%
Car Obstructed	0	0	0	0	0	0	8							8	73%	0	0%
No DMV Match Found	0	0	0	0	0	0	2							2	18%	1	25%
LASD Expired	0	0	0	0	0	0	1							1	9%	0	0%
LASD Return	0	0	0	0	0	0	0							0	0%	1	25%
Other	0	0	0	0	0	0	0							0	0%	2	50%
Total:	0	0	0	0	0	0	11							11	100%	4	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	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%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	9							9	100%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	1	100%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	0	0%
Xerox Expired	0	0	0	0	0	0	0							0	0%	0	0%
Total:	0	0	0	0	0	0	9							9	100%	1	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	0	387	288	224	230	197	203							255		641	
Average Issued Speed	0	0	0	0	0	0	0							0		16	
Average Issued Red Seconds	0	0	0	0	0	0	0							0.0		167.3	
Citation / Violation Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		65%	
Controllable Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		92%	



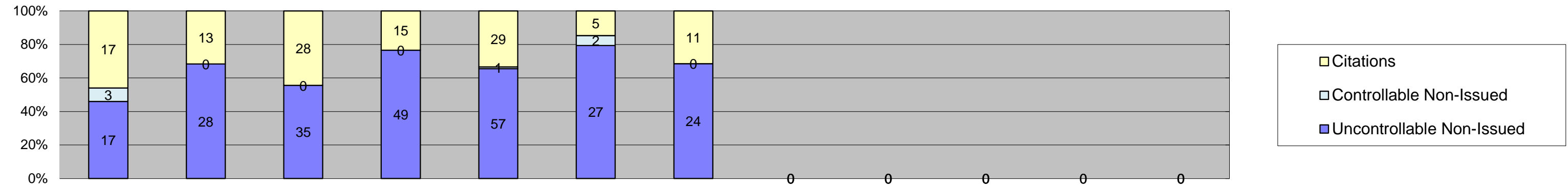
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5107: EB to NB Exposition @ Normandie



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	134	127	126	138	171	83	155							133	66%	119	64%
Violations	62	81	93	89	73	36	49							69	34%	68	36%
Total:	196	208	219	227	244	119	204							202	100%	187	100%
Violations																	
Uncontrollable Non-Issued	57	64	84	81	66	32	44							61	88%	51	75%
Controllable Non-Issued	1	13	6	6	3	4	4							5	8%	10	14%
Citations	4	4	3	2	4	0	1							3	4%	7	10%
Total:	62	81	93	89	73	36	49							69	96%	68	90%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	1	1%
Emergency Vehicle	2	3	3	1	2	2	2							2	2%	2	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	132	124	123	137	169	81	153							131	98%	118	98%
Total:	134	127	126	138	171	83	155							133	100%	121	100%
Uncontrollable Non-Issued Violations																	
No Plate	7	6	7	7	2	4	7							6	9%	7	11%
Out of State Plate	0	0	1	1	1	1	1							1	2%	1	2%
Glare on Plate	0	1	0	0	0	0	0							1	2%	4	6%
Illegible Plate	1	5	6	7	8	2	7							5	8%	3	5%
Plate Obstructed	0	3	0	1	1	0	0							2	3%	2	3%
Windshield Glare	36	31	46	28	33	16	19							30	46%	16	27%
Driver Obstructed	3	2	1	5	1	0	1							2	3%	3	5%
Car Obstructed	0	0	1	0	0	0	0							1	2%	1	2%
No DMV Match Found	3	1	7	6	4	2	0							4	6%	6	10%
LASD Expired	0	0	0	0	0	0	0							0	0%	1	2%
LASD Return	7	15	15	26	16	7	9							14	21%	15	26%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	57	64	84	81	66	32	44							65	100%	57	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	1	0	0	0	0	0	0							1	8%	2	7%
Dark Interior	0	11	5	6	1	0	2							5	42%	6	19%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	8	28%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	1	0	0	0	4	0							3	21%	3	9%
Equipment Malfunction	0	1	1	0	0	0	2							1	11%	3	11%
Xerox Expired	0	0	0	0	2	0	0							2	17%	8	26%
Total:	1	13	6	6	3	4	4							12	100%	29	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	1,156	1,239	974	973	1,102	1,034	1,065							1,077		1,195	
Average Issued Speed	20	20	21	19	21	0	20							20		21	
Average Issued Red Seconds	0.4	0.5	0.5	0.3	0.6	0	0.3							0.4		3.5	
Citation / Violation Issuance Rate	6%	5%	3%	2%	5%	0%	2%							4%		11%	
Controllable Issuance Rate	80%	24%	33%	25%	57%	0%	20%							40%		49%	



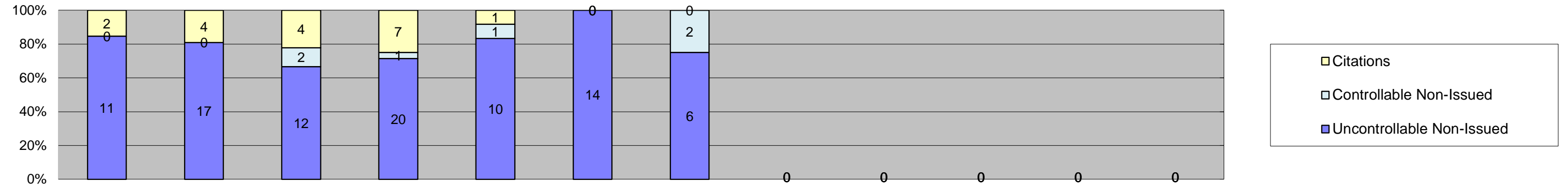
**Los Angeles County MTA Expo Line
Approach Summary Report
Location 5109: WB to SB Exposition @ Normandie**



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	220	183	203	150	221	109	83							167	76%	174	81%
Violations	37	41	63	64	87	34	35							52	24%	40	19%
Total:	257	224	266	214	308	143	118							219	100%	214	100%
Violations																	
Uncontrollable Non-Issued	17	28	35	49	57	27	24							34	64%	23	55%
Controllable Non-Issued	3	0	0	0	1	2	0							2	4%	5	11%
Citations	17	13	28	15	29	5	11							17	32%	14	34%
Total:	37	41	63	64	87	34	35							53	68%	42	66%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	4	3	1	1	4	0	0							3	2%	2	1%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	216	180	202	149	217	109	83							165	98%	172	99%
Total:	220	183	203	150	221	109	83							168	100%	174	100%
Uncontrollable Non-Issued Violations																	
No Plate	6	9	6	11	11	5	6							8	19%	5	15%
Out of State Plate	1	2	3	0	0	0	0							2	5%	1	4%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	6%
Illegible Plate	0	2	5	4	11	3	4							5	12%	4	11%
Plate Obstructed	0	2	0	3	0	0	0							3	6%	1	4%
Windshield Glare	2	1	3	6	6	1	3							3	8%	2	5%
Driver Obstructed	1	0	0	9	3	1	0							4	9%	2	6%
Car Obstructed	0	1	0	0	0	0	0							1	2%	1	3%
No DMV Match Found	3	7	9	6	11	8	5							7	17%	6	18%
LASD Expired	0	0	0	2	0	1	0							2	4%	3	9%
LASD Return	4	4	9	8	15	8	6							8	19%	6	19%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	17	28	35	49	57	27	24							41	100%	32	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	1	7%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	2	13%
Dark Interior	0	0	0	0	1	0	0							1	17%	1	9%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	3	0	0	0	0	0	0							3	50%	2	13%
Exposure	0	0	0	0	0	2	0							2	33%	4	24%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	2	10%
Xerox Expired	0	0	0	0	0	0	0							0	0%	4	24%
Total:	3	0	0	0	1	2	0							6	100%	15	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	996	1,031	941	1,043	1,051	1,006	1,020							1,013		1,065	
Average Issued Speed	21	22	22	22	21	23	20							21		22	
Average Issued Red Seconds	6.4	0.6	0.7	7.4	2.9	1.1	0.6							2.8		3.2	
Citation / Violation Issuance Rate	46%	32%	44%	23%	33%	15%	31%							32%		38%	
Controllable Issuance Rate	85%	100%	100%	100%	97%	71%	100%							93%		90%	



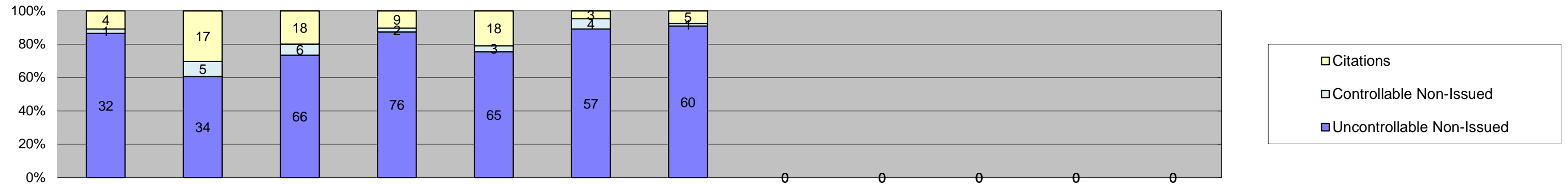
Los Angeles County MTA Expo Line
 Approach Summary Report
 Location 5117: EB to NB Exposition @ Halldale



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	90	67	59	90	62	75	108							79	83%	76	81%
Violations	13	21	18	28	12	14	8							16	17%	17	19%
Total:	103	88	77	118	74	89	116							95	100%	93	100%
Violations																	
Uncontrollable Non-Issued	11	17	12	20	10	14	6							13	72%	13	64%
Controllable Non-Issued	0	0	2	1	1	0	2							2	8%	3	16%
Citations	2	4	4	7	1	0	0							4	20%	4	19%
Total:	13	21	18	28	12	14	8							18	80%	19	81%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	0	0	2	4	1	0	0							2	3%	2	3%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	90	67	57	86	61	75	108							78	97%	75	97%
Total:	90	67	59	90	62	75	108							80	100%	77	100%
Uncontrollable Non-Issued Violations																	
No Plate	4	5	3	4	3	2	1							3	18%	2	12%
Out of State Plate	1	0	0	0	0	0	0							1	6%	1	6%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	8%
Illegible Plate	1	3	4	4	2	0	1							3	14%	2	9%
Plate Obstructed	2	1	1	4	0	4	0							2	13%	3	19%
Windshield Glare	1	1	0	1	1	1	1							1	6%	2	12%
Driver Obstructed	0	2	2	2	0	3	2							2	12%	2	9%
Car Obstructed	0	0	0	2	0	0	0							2	11%	0	0%
No DMV Match Found	0	1	0	1	1	0	0							1	6%	2	12%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	2	4	2	2	3	4	1							3	14%	2	14%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	11	17	12	20	10	14	6							18	100%	18	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	3	32%
Dark Interior	0	0	2	1	1	0	1							1	56%	2	17%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	1	11%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	1							1	44%	0	0%
Exposure	0	0	0	0	0	0	0							0	0%	1	14%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	1	11%
Xerox Expired	0	0	0	0	0	0	0							0	0%	2	16%
Total:	0	0	2	1	1	0	2							2	100%	9	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	821	880	682	739	681	639	663							729		643	
Average Issued Speed	17	16	22	19	24	0	0							20		18	
Average Issued Red Seconds	99.9	25.5	0.8	14.7	99.9	0	0							48.2		42.9	
Citation / Violation Issuance Rate	15%	19%	22%	25%	8%	0%	0%							18%		21%	
Controllable Issuance Rate	100%	100%	67%	88%	50%	0%	0%							81%		71%	



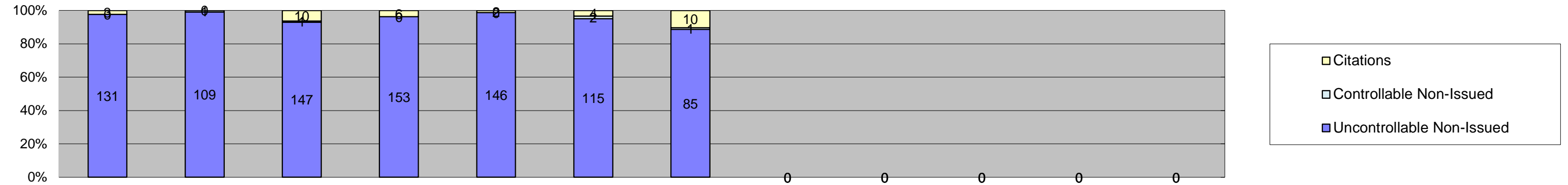
Los Angeles County MTA Expo Line Approach Summary Report Location 5119: WB to SB Exposition @ Denker



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	126	116	127	129	156	139	130							132	66%	122	69%
Violations	37	56	90	87	86	64	66							69	34%	55	31%
Total:	163	172	217	216	242	203	196							201	100%	177	100%
Violations																	
Uncontrollable Non-Issued	32	34	66	76	65	57	60							56	80%	33	61%
Controllable Non-Issued	1	5	6	2	3	4	1							3	5%	12	21%
Citations	4	17	18	9	18	3	5							11	15%	10	18%
Total:	37	56	90	87	86	64	66							69	85%	55	82%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	2	4	1	1	1	2	0							2	1%	3	2%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	124	112	126	128	155	137	130							130	99%	120	98%
Total:	126	116	127	129	156	139	130							132	100%	123	100%
Uncontrollable Non-Issued Violations																	
No Plate	5	9	9	10	12	9	10							9	15%	4	10%
Out of State Plate	0	0	0	0	1	0	2							2	2%	1	3%
Glare on Plate	1	0	0	0	0	0	0							1	2%	4	9%
Illegible Plate	1	9	5	11	12	8	6							7	12%	4	11%
Plate Obstructed	1	2	1	2	3	2	0							2	3%	2	6%
Windshield Glare	5	1	5	3	6	6	10							5	9%	3	7%
Driver Obstructed	2	0	5	6	4	3	6							4	7%	3	8%
Car Obstructed	0	0	0	1	0	0	0							1	2%	0	0%
No DMV Match Found	3	4	7	11	8	5	6							6	10%	5	14%
LASD Expired	1	0	0	1	0	0	0							1	2%	1	3%
LASD Return	13	9	34	31	19	24	20							21	36%	12	30%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	32	34	66	76	65	57	60							60	100%	40	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	2	7%
Dark Interior	1	5	5	2	3	2	1							3	64%	5	17%
Framing of Driver	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	3	12%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	1	0	0	2	0							2	36%	2	6%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	11	37%
Xerox Expired	0	0	0	0	0	0	0							0	0%	6	21%
Total:	1	5	6	2	3	4	1							4	100%	29	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	752	957	779	873	896	897	838							856		874	
Average Issued Speed	18	19	18	19	18	19	18							18		18	
Average Issued Red Seconds	0.3	0.7	3.7	0.5	4.1	0.2	0.5							1.4		5.5	
Citation / Violation Issuance Rate	11%	30%	20%	10%	21%	5%	8%							15%		18%	
Controllable Issuance Rate	80%	77%	75%	82%	86%	43%	83%							75%		47%	



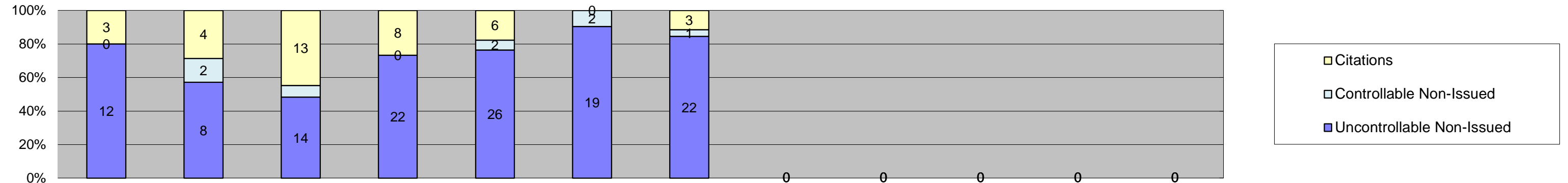
Los Angeles County MTA Expo Line Approach Summary Report Location 5127: EB to NB Exposition @ Western



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	127	107	84	79	96	96	90							97	42%	89	43%
Violations	134	110	158	159	148	121	96							132	58%	118	57%
Total:	261	217	242	238	244	217	186							229	100%	207	100%
Violations																	
Uncontrollable Non-Issued	131	109	147	153	146	115	85							127	95%	108	90%
Controllable Non-Issued	0	1	1	0	0	2	1							1	1%	5	4%
Citations	3	0	10	6	2	4	10							6	4%	8	6%
Total:	134	110	158	159	148	121	96							134	96%	120	94%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	3	4	4	2	3	6	2							3	4%	2	2%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	124	103	80	77	93	90	88							94	96%	88	98%
Total:	127	107	84	79	96	96	90							97	100%	90	100%
Uncontrollable Non-Issued Violations																	
No Plate	17	13	24	25	15	11	8							16	13%	13	11%
Out of State Plate	1	1	2	1	2	0	1							1	1%	2	1%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	2%
Illegible Plate	5	7	8	5	8	6	2							6	5%	5	5%
Plate Obstructed	2	0	0	2	0	0	0							2	2%	2	1%
Windshield Glare	10	6	7	10	11	9	17							10	8%	5	4%
Driver Obstructed	7	9	14	8	3	6	4							7	6%	4	3%
Car Obstructed	0	0	1	0	0	1	1							1	1%	2	1%
No DMV Match Found	14	11	17	12	25	16	8							15	11%	15	13%
LASD Expired	0	0	0	0	0	0	0							0	0%	3	3%
LASD Return	75	62	74	90	82	66	44							70	55%	64	56%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	131	109	147	153	146	115	85							129	100%	115	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	1	4%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	3	13%
Dark Interior	0	0	0	0	0	0	0							0	0%	1	5%
Framing of Driver	0	0	0	0	0	0	0							0	0%	5	22%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	3	11%
Framing of Car	0	0	0	0	0	0	0							0	0%	1	4%
Data/Operator Error	0	0	0	0	0	0	1							1	43%	0	0%
Exposure	0	1	1	0	0	2	0							1	57%	1	4%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	0	0%
Xerox Expired	0	0	0	0	0	0	0							0	0%	9	37%
Total:	0	1	1	0	0	2	1							2	100%	23	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	1,624	1,682	1,425	1,506	1,555	1,272	1,309							1,482		1,649	
Average Issued Speed	20	0	23	19	21	21	22							21		21	
Average Issued Red Seconds	0.2	0	0.7	17.2	0.5	0.5	10.3							4.9		1.9	
Citation / Violation Issuance Rate	2%	0%	6%	4%	1%	3%	10%							5%		6%	
Controllable Issuance Rate	100%	0%	91%	100%	100%	67%	91%							91%		76%	



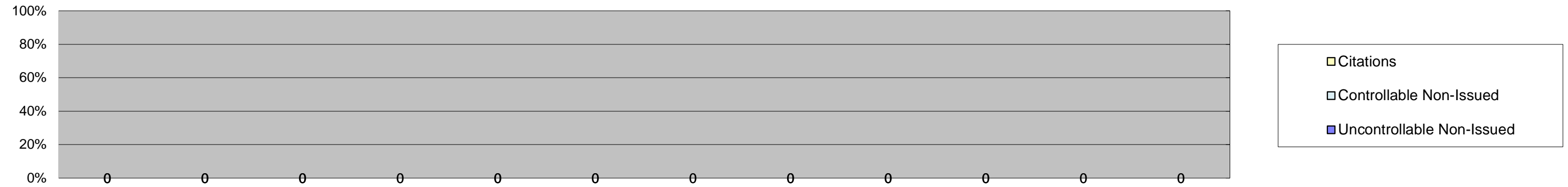
**Los Angeles County MTA Expo Line
Approach Summary Report
Location 5129: WB to SB Exposition @ Western**



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	172	193	174	177	167	148	160							170	88%	131	90%
Violations	15	14	29	30	34	21	26							24	12%	15	10%
Total:	187	207	203	207	201	169	186							194	100%	146	100%
Violations																	
Uncontrollable Non-Issued	12	8	14	22	26	19	22							18	69%	12	66%
Controllable Non-Issued	0	2	2	0	2	2	1							2	7%	2	12%
Citations	3	4	13	8	6	0	3							6	24%	4	23%
Total:	15	14	29	30	34	21	26							26	76%	19	77%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	0	0%
Emergency Vehicle	2	2	1	1	0	1	1							1	1%	3	2%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	170	191	173	176	167	147	159							169	99%	129	98%
Total:	172	193	174	177	167	148	160							170	100%	132	100%
Uncontrollable Non-Issued Violations																	
No Plate	1	1	1	1	5	3	6							3	13%	2	11%
Out of State Plate	0	0	0	0	0	0	1							1	5%	0	0%
Glare on Plate	0	0	0	0	0	0	0							0	0%	2	12%
Illegible Plate	1	0	1	1	1	2	0							1	6%	1	6%
Plate Obstructed	0	0	2	0	1	0	0							2	7%	1	6%
Windshield Glare	2	1	3	8	8	6	3							4	22%	2	10%
Driver Obstructed	3	1	1	6	2	1	6							3	14%	2	11%
Car Obstructed	1	1	0	1	0	0	0							1	5%	1	8%
No DMV Match Found	1	1	1	2	2	2	1							1	7%	3	19%
LASD Expired	0	0	0	0	0	0	0							0	0%	0	0%
LASD Return	3	3	5	3	7	5	5							4	22%	3	19%
Other	0	0	0	0	0	0	0							0	0%	0	0%
Total:	12	8	14	22	26	19	22							20	100%	17	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0%	0	0%
Dark Interior	0	2	2	0	1	1	0							2	43%	2	30%
Framing of Driver	0	0	0	0	0	0	0							0	0%	1	14%
Focus / Clarity of Driver	0	0	0	0	0	0	0							0	0%	2	28%
Framing of Car	0	0	0	0	0	0	0							0	0%	0	0%
Data/Operator Error	0	0	0	0	0	0	0							0	0%	0	0%
Exposure	0	0	0	0	1	0	1							1	29%	0	0%
Equipment Malfunction	0	0	0	0	0	0	0							0	0%	1	14%
Xerox Expired	0	0	0	0	0	1	0							1	29%	1	14%
Total:	0	2	2	0	2	2	1							4	100%	7	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	1,268	1,359	974	1,172	1,199	973	1,051							1,142		1,234	
Average Issued Speed	23	19	20	21	22	0	25							22		20	
Average Issued Red Seconds	0.5	0.6	0.7	0.8	6.3	0	33.6							7.1		8.7	
Citation / Violation Issuance Rate	20%	29%	45%	27%	18%	0%	12%							25%		23%	
Controllable Issuance Rate	100%	67%	87%	100%	75%	0%	75%							84%		73%	



**Los Angeles County MTA Expo Line
Approach Summary Report
Location 5137: EB to SB Exposition @ Crenshaw**



Events	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Dec-15	Year to Date Monthly Average		2014 Monthly Average		
													Quantity	%	Quantity	%	
Non-Violations	0	0	0	0	0	0	92							92	100%	63	94%
Violations	0	0	0	0	0	0	0							0	0%	4	6%
Total:	0	0	0	0	0	0	92							92	100%	68	100%
Violations																	
Uncontrollable Non-Issued	0	0	0	0	0	0	0							0	0	5	71%
Controllable Non-Issued	0	0	0	0	0	0	0							0	0	1	14%
Citations	0	0	0	0	0	0	0							0	0	1	14%
Total:	0	0	0	0	0	0	0							0	0%	7	86%
Non-Violations																	
Rear Axle Violation	0	0	0	0	0	0	0							0	0%	1	2%
Emergency Vehicle	0	0	0	0	0	0	0							0	0%	2	3%
Right Turn	0	0	0	0	0	0	0							0	0%	0	0%
No Violation Occurred	0	0	0	0	0	0	92							92	100%	63	95%
Total:	0	0	0	0	0	0	92							92	100%	66	100%
Uncontrollable Non-Issued Violations																	
No Plate	0	0	0	0	0	0	0							0	0	0	0%
Out of State Plate	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%
Illegible Plate	0	0	0	0	0	0	0							0	0	0	0%
Plate Obstructed	0	0	0	0	0	0	0							0	0	0	0%
Windshield Glare	0	0	0	0	0	0	0							0	0	0	0%
Driver Obstructed	0	0	0	0	0	0	0							0	0	0	0%
Car Obstructed	0	0	0	0	0	0	0							0	0	0	0%
No DMV Match Found	0	0	0	0	0	0	0							0	0	0	0%
LASD Expired	0	0	0	0	0	0	0							0	0	0	0%
LASD Return	0	0	0	0	0	0	0							0	0	1	15%
Other	0	0	0	0	0	0	0							0	0	6	85%
Total:	0	0	0	0	0	0	0							0	0%	7	100%
Controllable Non-Issued Violations																	
Framing of Plate	0	0	0	0	0	0	0							0	0	0	0%
Focus / Clarity of Plate	0	0	0	0	0	0	0							0	0	0	0%
Dark Interior	0	0	0	0	0	0	0							0	0	1	33%
Framing of Driver	0	0	0	0	0	0	0							0	0	0	0%
Focus / Clarity of Driver	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%
Data/Operator Error	0	0	0	0	0	0	0							0	0	0	0%
Exposure	0	0	0	0	0	0	0							0	0	0	0%
Equipment Malfunction	0	0	0	0	0	0	0							0	0	1	33%
Xerox Expired	0	0	0	0	0	0	0							0	0	1	33%
Total:	0	0	0	0	0	0	0							0	0%	3	100%
Summary Metrics													Year to Date Monthly Average		2014 Monthly Average		
Daily Average Vehicle Passes	0	81	62	57	60	44	41							57		711	
Average Issued Speed	0	0	0	0	0	0	0							0		15	
Average Issued Red Seconds	0	0	0	0	0	0	0							0.0		15.8	
Citation / Violation Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		10%	
Controllable Issuance Rate	0%	0%	0%	0%	0%	0%	0%							0%		100%	



**Los Angeles County MTA Expo Line
Customer Service Report
July 2015**

Calls For Information

Reason for Call	Jul-15	3 Month Average	Year to Date Average	Year to Date Total	2014 Average
<i>Appointment</i>	2	1	2	8	1
<i>Bail</i>	0	0	1	4	1
<i>Complaint</i>	0	1	1	3	1
<i>Contest Violation</i>	2	3	3	18	5
<i>Courtesy Notice</i>	0	1	1	4	1
<i>Explain Citation</i>	1	0	1	2	2
<i>Explain Court</i>	0	1	1	5	1
<i>Explain the Project</i>	0	0	0	0	0
<i>Extension</i>	0	0	0	0	1
<i>Other</i>	0	0	1	1	1
<i>Affidavit of Non-Liability</i>	6	3	4	27	4
<i>Affidavit of Non-Liability Status</i>	2	1	2	9	1
<i>Traffic School</i>	3	1	2	9	1
Total Calls	16	12	18	90	21
Appointments Scheduled	2	1	1	8	1
Affidavits of Non-Liability Processed	8	11	14	95	41
Court Packets Prepared	10	14	15	103	31



**Los Angeles County MTA Expo Line
Monthly Citation Yield - By Location
July 2015**

Direction	Location	Code	Movement	Days of Enforcement	Events	Violations	Citations	Yield*
SB to EB	Flower @ Washintgon	5008	Left	31	97	11	0	0.00
SB to WB	Flower @ USC Trade Tech	5018	Left	31	86	20	3	0.10
SB to EB	Flower @ 23rd	5028	Left	31	1,275	3	1	0.03
SB to EB	Flower @ Adams	5038	Left	31	633	10	0	0.00
SB to EB	Flower @ 28th	5048	Left	31	102	83	13	0.42
SB to EB	Flower @ 30th	5058	Left	31	159	4	1	0.03
SB to EB	Flower @ Jefferson	5068	Left	31	121	25	4	0.13
EB to NB	Exposition @ Watt	5077	Left	31	207	11	0	0.00
WB to SB	Exposition @ Bill Robertson	5079	Left	31	105	18	1	0.03
EB to NB	Exposition @ Vermont	5087	Left	31	312	68	4	0.13
WB to SB	Exposition @ Vermont	5089	Left	31	100	22	7	0.23
EB to NB	Exposition @ Raymond	5097	Left	31	405	20	0	0.00
EB to NB	Exposition @ Normandie	5107	Left	31	204	49	1	0.03
WB to SB	Exposition @ Normandie	5109	Left	31	118	35	11	0.35
EB to NB	Exposition @ Halldale	5117	Left	31	116	8	0	0.00
WB to SB	Exposition @ Denker	5119	Left	31	196	66	5	0.16
EB to NB	Exposition @ Western	5127	Left	31	186	96	10	0.32
WB to SB	Exposition @ Western	5129	Left	31	186	26	3	0.10
EB to SB	Exposition @ Crenshaw	5137	Right	31	92	0	0	0.00
Totals				31	4,700	575	64	2.06

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



Los Angeles County MTA Expo Line
Disposition Summary Report
July 2015

Disposition Type	Jul-15		3 Month Average		YTD Total		YTD Average		2014 Average	
	Count	/Amount Paid	Count	/Amount Paid	Count	/Amount Paid	Count	/Amount Paid	Count	/Amount Paid
<i>Bail Forfeiture</i>	25	\$13,079	18	\$10,247	141	\$76,642	20	\$10,949	22	\$11,650
<i>Fine Paid</i>	8	\$4,608	11	\$4,992	71	\$34,197	10	\$4,885	11	\$5,992
<i>Department Void</i>	1	\$0	0	\$0	1	\$0	0	\$0	0	\$0
<i>Not Guilty</i>	40	\$0	54	\$0	339	\$0	48	\$0	46	\$0
<i>Section D Void</i>	8	\$0	11	\$0	95	\$0	14	\$0	41	\$0
<i>Traffic School</i>	17	\$9,250	12	\$6,082	86	\$45,810	12	\$6,544	13	\$6,703
Court Gross Total	99	\$26,937	105	\$21,320	733	\$156,649	105	\$22,378	382	\$24,344
MTA Gross Total*	50	\$7,727	41	\$6,276	298	\$45,994	43	\$6,571	46	\$6,640

*Logic built on following model (assuming the 2013 fine and fee structure):

MTA receives \$153.22 of \$490.00 citation where bail forfeiture and fine paid occurs

MTA receives \$157.11 of \$509.00 citation when traffic school option is paid for



Los Angeles County MTA Expo Line Performance Report July 2015

	<u>Total</u> <u>Events</u>	<u>Non</u> <u>Violations</u>	<u>Potential</u> <u>Violations</u>	<u>Percent</u> <u>Citable</u>	<u>Non Issued</u> <u>Violations</u>	<u>No DMV</u> <u>Match</u>	<u>Police/</u> <u>Client</u> <u>Rejected</u>	<u>Citations</u> <u>Issued</u>	<u>DMV</u> <u>Match</u> <u>Rate</u>	<u>Issuance</u> <u>Rate</u>	<u>Dispo</u> <u>Paid</u>	<u>Pay</u> <u>Rate</u>	<u>Closed</u> <u>No Pay</u>	<u>Pending</u>	<u>Closure</u> <u>Rate</u>	<u>Court</u> <u>Packs</u>	<u>Contest</u> <u>Rate</u>
Jan-12	3,868	3,371	497	12.85%	374	45	107	123	83.64%	24.75%	45	37%	77	1	99%	0	0.0%
Feb-12	5,540	4,868	672	12.13%	492	61	128	180	83.47%	26.79%	58	32%	62	60	67%	0	0.0%
Mar-12	5,820	5,012	808	13.88%	595	69	181	213	85.10%	26.36%	51	24%	75	87	59%	0	0.0%
Apr-12	5,626	4,943	683	12.14%	523	65	128	160	81.59%	23.43%	40	25%	15	105	34%	0	0.0%
May-12	5,982	5,290	692	11.57%	520	21	149	172	93.86%	24.86%	57	33%	40	75	56%	0	0.0%
Jun-12	4,596	4,209	387	8.42%	302	27	65	85	84.75%	21.96%	20	24%	-17	82	4%	2	0.0%
Jul-12	3,935	3,536	399	10.14%	288	21	88	111	90.45%	27.82%	27	24%	39	45	59%	6	4.9%
Aug-12	3,870	3,284	586	15.14%	394	54	86	192	83.73%	32.76%	49	26%	88	55	71%	3	1.7%
Sep-12	5,640	5,071	569	10.09%	361	12	108	208	96.34%	36.56%	58	28%	54	96	54%	2	0.9%
Oct-12	5,957	5,329	628	10.54%	433	0	157	195	100.00%	31.05%	62	32%	47	86	56%	6	3.8%
Nov-12	4,290	3,814	476	11.10%	364	0	134	112	100.00%	23.53%	29	26%	-6	89	21%	3	1.7%
Dec-12	3,484	3,199	285	8.18%	203	0	82	82	100.00%	28.77%	21	26%	10	51	38%	5	5.9%
Jan-13	4,457	4,020	437	9.80%	306	5	98	131	97.86%	29.98%	20	15%	75	36	73%	21	18.9%
Feb-13	4,868	4,322	546	11.22%	381	8	136	165	97.41%	30.22%	39	24%	75	51	69%	31	16.1%
Mar-13	6,866	6,222	644	9.38%	386	5	157	258	98.81%	40.06%	59	23%	150	49	81%	32	15.4%
Apr-13	4,882	4,280	602	12.33%	375	1	125	227	99.72%	37.71%	42	19%	112	73	68%	25	12.0%
May-13	5,893	5,223	670	11.37%	426	0	165	244	100.00%	36.42%	49	20%	124	71	71%	32	15.4%
Jun-13	7,106	6,661	445	6.26%	300	0	119	145	100.00%	32.58%	33	23%	28	84	42%	32	15.4%
Jul-13	4,165	3,646	519	12.46%	352	1	139	167	99.67%	32.18%	30	18%	92	45	73%	38	44.7%
Aug-13	4,506	3,811	695	15.42%	503	69	132	192	82.44%	27.63%	58	30%	87	47	76%	9	8.1%
Sep-13	4,844	4,231	613	12.65%	460	56	176	153	85.45%	24.96%	33	22%	51	69	55%	30	15.6%
Oct-13	5,062	4,509	553	10.92%	402	56	128	151	83.28%	27.31%	37	25%	50	64	58%	32	15.4%
Nov-13	4,445	3,941	504	11.34%	374	42	118	130	85.52%	25.79%	27	21%	33	70	46%	13	6.3%
Dec-13	4,592	4,126	466	10.15%	371	53	128	95	80.80%	20.39%	24	25%	2	69	27%	24	12.3%
Jan-14	4,307	3,911	396	9.19%	300	43	87	96	80.97%	24.24%	17	18%	26	53	45%	25	15.0%
Feb-14	4,214	3,641	573	13.60%	470	59	175	103	82.49%	17.98%	17	17%	35	51	50%	31	16.1%
Mar-14	4,786	4,147	639	13.35%	531	64	210	108	83.25%	16.90%	19	18%	24	65	40%	29	19.0%
Apr-14	3,838	3,163	675	17.59%	547	78	228	128	82.03%	18.96%	15	12%	32	81	37%	36	23.5%
May-14	3,749	3,117	632	16.86%	523	68	203	109	82.11%	17.25%	13	12%	17	79	28%	26	17.0%
Jun-14	3,126	2,656	470	15.04%	399	54	136	71	79.31%	15.11%	5	7%	12	54	24%	36	23.5%
Jul-14	3,503	3,016	487	13.90%	403	58	136	84	79.14%	17.25%	7	8%	14	63	25%	30	20.7%
Aug-14	4,072	3,335	737	18.10%	598	79	208	139	81.46%	18.86%	7	5%	57	75	46%	32	19.2%
Sep-14	3,943	3,286	657	16.66%	544	94	211	113	77.51%	17.20%	4	4%	10	99	12%	26	13.5%
Oct-14	4,086	3,454	632	15.47%	467	79	162	165	80.54%	26.11%	5	3%	58	102	38%	39	25.5%
Nov-14	3,597	2,949	648	18.02%	573	66	130	75	75.65%	11.57%	7	9%	13	55	27%	35	22.9%
Dec-14	3,525	2,926	599	16.99%	560	43	112	39	77.84%	6.51%	5	13%	6	28	28%	24	15.9%
Jan-15	3,548	3,049	499	14.06%	424	39	119	75	83.26%	15.03%	9	12%	39	27	64%	16	10.6%
Feb-15	3,593	3,035	558	15.53%	468	51	136	90	81.59%	16.13%	7	8%	27	56	38%	20	13.2%
Mar-15	3,817	3,034	783	20.51%	612	67	176	171	83.82%	21.84%	20	12%	83	68	60%	15	9.9%
Apr-15	3,633	2,870	763	21.00%	657	57	194	106	84.03%	13.89%	10	9%	9	87	18%	14	9.3%
May-15	3,626	2,878	748	20.63%	639	78	205	109	80.10%	14.57%	7	6%	13	89	18%	16	10.6%
Jun-15	3,572	3,012	560	15.68%	508	62	177	52	78.69%	9.29%	0	0%	11	41	21%	12	7.9%
Jul-15	4,700	4,125	575	12.23%	511	31	148	64	87.24%	11.13%	0	0%	12	52	19%	10	7.7%
Total	193,529	168,522	25007	12.92%	19,219	1,841	6187	5,788	86.67%	23.15%	1,142	21.13%	1,861	2,785	53.96%	818	11.99%

* Pay Rate and Closure Rate percentages are based on a 4 month lag

** Contested Citations take into account a 6 month lag from the violation date to the trail date.