

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

Service Planning, Performance Analysis & Scheduling

EQUIPMENT UPDATE

December 11, 2016

TO: Alex Di Nuzzo
Sr Executive Officer of Maintenance

FROM: Dan Nguyen
DEO Operations, Scheduling & Service Performance Analysis

DATE OF ISSUE: December 13, 2016

PURPOSE OF REPORT:

The Equipment Update Report is a compilation of Metro scheduled bus and rail vehicle requirements by line and includes vehicles operated for Metro under contract with MV Transit, Transdev, and Southland Transit for the December 11, 2016 Service Change. The above information can be found in the following worksheets:

- o **Equipment Summary** - a summary of maximum in-service buses, spare buses (using the FTA spare ratio) and division bus storage capacities are listed in the Equipment Summary worksheet. Scheduled bus requirements are provided by division, by line, day of the week and time of day. An expansion factor has been calculated and included for buses greater than 40 feet.
- o **Comparison Chart** - Weekday maximum equipment requirements for the December 11, 2016 from the June 26, 2016 Shake-ups are reported in the comparison worksheet.
- o **Metro Bus Requirements** - Weekday, Saturday and Sunday bus requirements are listed in the Metro Bus Requirements worksheet for all Metro divisions.
- o **Contract Bus Requirements** - Weekday, Saturday and Sunday bus requirements are listed in the Contract Bus Requirements worksheet for Southland Transit-Division 95, MV transit -Division 97 and Transdev-Division 98
- o **Metro Rail Train and Car Requirements** - Weekday, Saturday and Sunday rail requirements for the Metro Blue, Expo, Red, Gold and Green rail services are listed under the Rail Requirements worksheet for Divisions 11, 14, 20, 21, 24 and 22.
- o **Bus-Type Glossary** - a list of bus types and descriptions including Hastus Codes and Descriptions and M3 Codes and Descriptions for each type.
- o **Division Capacity** - a list of each division and the current bus capacity based on 40 foot buses.

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Report prepared by Hassan Fakhro. For additional copies or questions, call (213)922-1321.

METRO BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

Division	Bus Type	AM	BASE	PM	OWL	Additional	Max	Total Including Spare	Space Needed (Less OWL Buses)	Division Capacity	Number of 40' bus Over(+) or Under(-)
1	LC40	85	48	93	4		93	110	106		
1	LC45	31	28	34			34	40	40		
1	LC60	24	10	21			24	29	44		
1	RP40	11	8	11			11	13	13		
1 Total		151	94	159	4	0	162	192	203	205	-2
2	LC40	136	78	143	8		143	169	161		
2	RP40	9	4	8			9	11	11		
2 Total		145	82	151	8	0	152	180	172	161	+11
3	LC40	58	34	62	4		62	73	69		
3	LC45	58	31	59	3		59	70	67		
3	R45B	28	20	30			30	36	36		
3 Total		144	85	151	7	0	151	179	172	204	-32
5	LC40	82	48	87	1		87	103	102		
5	LC45	11	8	11			11	13	13		
5	LC60	16	10	24	4		24	29	40		
5	RP40	29	16	29			29	35	35		
5	RP60	18	5	20			20	24	36		
5 Total		156	87	171	5	0	171	204	226	198	+28
7	LC40	100	57	104	7		104	123	116		
7	LC45	67	37	67	5		67	79	74		
7	LC60	7	6	7	3		7	8	9		
7	RP40	8	2	8			8	10	10		
7	RP60	4	4	7			7	8	12		
7 Total		186	106	193	15	0	193	228	221	237	-16
8	EX60	31	16	31	4		31	37	52		
8	LC40	32	22	31			32	38	38		
8	LC45	93	41	93	2		93	110	108		
8	RP45	13	5	13			13	16	16		
8 Total		169	84	168	6	0	169	201	214	216	-2
9	LC40	137	92	134	4		137	162	158		
9	LC45	33	9	30	1		33	39	38		
9	R40B	25	20	26			26	31	31		
9 Total		195	121	190	5	0	196	232	227	234	-7
10	LC40	14	6	18			18	21	21		
10	RP45	25	13	23			25	30	30		
10	RP60	23	18	24			24	29	44		
10 Total		62	37	65	0	0	67	80	95	230	-135
13	LC40	46	34	48	5		48	57	52		
13	LC60	5	5	8	4		8	10	11		
13	RP45	9	5	9			9	11	11		
13	RP60	67	34	75			75	90	135		
13 Total		127	78	140	9	0	140	168	209	204	+5
15	LC40	33	24	33	4		33	39	35		
15	LC45	107	57	102	1		107	127	126		
15	LC60	14	12	16			16	19	29		
15	RP45	23	8	23			23	28	28		
15	RP60	24	24	27			27	32	48		
15 Total		201	125	201	5	0	206	245	266	262	+4
18	LC40	40	17	40			40	47	47		
18	LC45	88	62	96	3		96	114	111		
18	LC60	41	30	41	2		41	49	72		
18	RP40	14	9	16			16	19	19		
18	RP60	8	5	8			8	10	15		
18 Total		191	123	201	5	0	201	239	264	252	+12
Grand Total		1727	1022	1790	69	0	1808	2148	2266	2403	

METRO BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

Division	Vehicle Group	Line	Weekday				Saturday				Sunday				
			AM	BASE	PM	OWL	AM	BASE	PM	OWL	AM	BASE	PM	OWL	
1	LC40	16	15	9	20		6	10	12		7	8	10		
		18	7		12	1			4						
		20	13	10	14	1	5	8	8	1	6	6	6	1	
		45	13	7	13	2	9	14	15	2	6	10	13	2	
		53	24	14	21		11	12	13		7	9	9		
		62	13	8	13		8	9	9		5	5	6		
		LC40 Total		85	48	93	4	39	53	61	3	31	38	44	3
	LC45	18	17	18	19		14	17	18	1	11	14	14	1	
		460	14	10	15		11	12	14		9	9	14		
		LC45 Total		31	28	34		25	29	32	1	20	23	28	1
	LC60	66	24	10	21		15	13	14		7	9	9		
		LC60 Total		24	10	21		15	13	14		7	9	9	
	RP40	760	11	8	11		8	5	6						
		RP40 Total		11	8	11		8	5	6					
1 Total			151	94	159	4	87	100	113	4	58	70	81	4	
2	LC40	4	6	5	7		6	7	7		5	5	5		
		10	13	5	9		4	4	4		3	3	3		
		51	45	20	42	1	25	31	27	1	17	20	21	1	
		55	11	6	14	2	6	7	8	2	3	5	5	2	
		60	26	13	31	4	13	21	20	4	12	16	17	4	
		105	12	13	16	1	12	16	18	1	9	12	13	1	
		200	16	10	16		9	10	11		6	9	10		
		611	4	3	4		3	3	3		3	3	3		
		612	3	3	4		3	3	3		3	3	3		
		LC40 Total		136	78	143	8	81	102	101	8	61	76	80	8
	RP40	705	9	4	8										
		RP40 Total		9	4	8									
	2 Total			145	82	151	8	81	102	101	8	61	76	80	8
	3	LC40	45	16	6	14		6	8	8		5	5	5	
83			7	4	9	2	4	4	4	2	4	4	4	2	
175			3		4										
180			15	9	17	2	15	18	21	2	14	18	18	2	
201			3	3	3		2	2	2		2	2	2		
206					1										
252			5	3	5		2	2	2		2	2	2		
258			7	7	7										
685			2	2	2										
		LC40 Total		58	34	62	4	29	34	37	4	27	31	31	4
LC45		28	12	5	12	1	12	12	14	1	9	10	10	1	
		81	27	15	28		12	13	16		9	10	11		
		206	7	1	5		2	2	3		3	3	3		
		LC45 Total		58	31	59	3	38	41	47	3	28	33	35	3
R45B	751	9	7	9											
	R45B Total		28	20	30										
3 Total			144	85	151	7	67	75	84	7	55	64	66	7	
5	LC40	102	6	4	7		6	4	6		6	4	6		
		108	34	15	32		14	16	16		9	12	12		
		110	14	12	19		9	10	10		6	7	7		
		206	1												
		209	3	3	3										
		212	24	14	26	1	11	14	17	1	8	9	11	1	
		LC40 Total		82	48	87	1	40	44	49	1	29	32	36	1
	LC45	206	11	8	11		6	6	7		5	5	5		
		LC45 Total		11	8	11		6	6	7		5	5	5	
	LC60	204	8	4	12	4	3	5	8	4	5	6	8	4	
		207	8	6	12		9	10	12		6	7	9		
		LC60 Total		16	10	24	4	12	15	20	4	11	13	17	4
	RP40	110			1										
		740	9	5	9		7	5	7						
757		20	11	19											
	RP40 Total		29	16	29		7	5	7						
RP60	754	18	5	20		6	6	6		5	7	7			
	RP60 Total		18	5	20		6	6	6		5	7	7		
5 Total			156	87	171	5	71	76	89	5	50	57	65	5	

METRO BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

Division	Vehicle Group	Line	Weekday				Saturday				Sunday				
			AM	BASE	PM	OWL	AM	BASE	PM	OWL	AM	BASE	PM	OWL	
7	LC40	4	3	1	3	1				1	2	2	2	2	
		10	15	8	15	1	7	9	9	1	5	6	6	1	
		14	39	17	35	2	12	14	15	2	11	12	12	2	
		30	7	5	8	1	2	2	2		3	3	3		
		35	13	10	17		9	9	9		6	6	7		
		217	12	11	15	2	7	10	14	2	6	8	10	2	
	534	11	5	11		6	6	7		4	4	7			
	LC40 Total			100	57	104	7	43	50	56	6	37	41	47	7
	LC45	2	23	9	25		11	12	12		7	9	9		
		16	20	12	16		10	11	14		6	9	10		
		20	9	8	11	4	5	5	5	4	3	3	3	4	
		28	8	4	8		4	5	5		4	4	4		
		30					8	8	9	1	5	5	5	1	
		33	7	4	7	1	1	1	1	1	2	2	2	1	
	LC45 Total			67	37	67	5	39	42	46	6	27	32	33	6
LC60	4	7	6	7	3	5	7	9	3	4	4	5	2		
LC60 Total			7	6	7	3	5	7	9	3	4	4	5	2	
RP40	705	8	2	8											
RP40 Total			8	2	8										
RP60	704	4	4	7		3	3	5		3	5	5			
RP60 Total			4	4	7		3	3	5		3	5	5		
7 Total			186	106	193	15	90	102	116	15	71	82	90	15	
8	EX60	901	31	16	31	4	12	13	16	4	12	13	13		
		EX60 Total		31	16	31	4	12	13	16	4	12	13	13	
	LC40	155	2	2	1		1	1	1						
		158	1	1	1										
		161	7	3	7		3	3	3		3	3	3		
		169	7	5	6										
		236	9	5	9		2	2	2		2	2	2		
		237	3	3	3										
		243	3	3	4										
		LC40 Total		32	22	31		6	6	6		5	5	5	
	LC45	150	15	12	20	2	13	16	15	2	10	10	11	2	
		152	18	7	19		7	7	7		5	5	5		
		158	5	2	3		3	3	3		3	3	3		
		163	12	7	14		5	5	5		4	4	4		
		164	9	4	8		4	4	4		3	3	3		
		165	9	3	8		5	5	5		5	5	5		
		166	8	3	10		2	2	2		2	2	2		
236		1													
243		3		1		3	3	3							
245		13	3	10		4	3	3							
LC45 Total		93	41	93	2	46	48	47	2	32	32	33	2		
RP45	158	1													
	163			1											
	169	2													
	243	1													
	750	9	5	12											
RP45 Total		13	5	13											
8 Total			169	84	168	6	64	67	69	6	49	50	51	2	
9	LC40	70	18	14	17	2	12	10	12	2	12	13	13	2	
		71	7	3	3		2	2	2		2	2	2		
		76	16	15	17	2	10	11	13	2	9	10	10	2	
		78	27	14	27		12	12	14		10	12	13		
		176	5	5	5										
		260	19	14	20		14	15	15		13	13	13		
		265	4	3	3		3	3	3		3	3	3		
		267	8	8	8		5	5	5		5	5	5		
		268	11	4	10		4	4	4		4	4	4		
		487	16	7	18		5	5	5		5	5	5		
		665	2	1	2		1	1	1		1	1	1		
		687	4	4	4		3	3	3		3	3	3		
	LC40 Total		137	92	134	4	71	71	77	4	67	71	72	4	
	LC45	910	33	9	30	1	6	6	8	1	6	6	8		
	LC45 Total		33	9	30	1	6	6	8	1	6	6	8		
R40B	762	10	8	10											
	770	15	12	16		9	9	9							
R40B Total		25	20	26		9	9	9							
9 Total			195	121	190	5	86	86	94	5	73	77	80	4	

METRO BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

Division	Vehicle		Weekday				Saturday				Sunday				
	Group	Line	AM	BASE	PM	OWL	AM	BASE	PM	OWL	AM	BASE	PM	OWL	
10	LC40	2	4	2	6										
		30	3		4										
		33	3	1	2										
		68	2	1	4										
		106	2	2	2										
	LC40 Total			14	6	18									
	RP45	704	1												
		728	16	9	15										
		745	8	4	8										
	RP45 Total			25	13	23									
RP60	704	11	9	10											
	733	12	9	14											
RP60 Total			23	18	24										
10 Total			62	37	65										
13	LC40	2	12	9	13		7	8	8		4	5	5		
		4	1	1	3		1	1	1		1	1	1	1	
		30	11	9	11	1	5	5	9	1	6	6	7	1	
		33	11	6	12	4	9	11	15	4	5	8	9	4	
		55	4	3	3		3	3	3		2	2	2		
		68	7	6	6		6	6	7		6	7	9		
	LC40 Total			46	34	48	5	31	34	43	5	24	29	33	6
	LC60	4	5	5	8	4	4	5	6	4	2	4	5	3	
	LC60 Total			5	5	8	4	4	5	6	4	2	4	5	3
	RP45	745	9	5	9		10	8	8		5	5	5		
	RP45 Total			9	5	9		10	8	8		5	5	5	
	RP60	704	3	3	7		8	9	9		6	6	7		
		720	59	27	62		28	27	32		23	25	28		
733		5	4	6		12	13	13		11	12	12			
RP60 Total			67	34	75		48	49	54		40	43	47		
13 Total			127	78	140	9	93	96	111	9	71	81	90	9	
15	LC40	92	8	7	11	2	7	7	7	2	5	5	5	2	
		94											1		
		154	3	3	3										
		155	2	2	2			1	1		1	1	1		
		183	7	4	6		2	2	2		2	2	2		
		222	4	3	5		3	3	3		3	3	3		
		230	3												
		237	2	2	3	2	3	3	3	2	3	3	3	2	
		292	4	3	3						3	3	2		
		LC40 Total			33	24	33	4	15	16	16	4	17	17	17
	LC45	90	18	13	23		8	8	8		7	8	8		
		94	15	9	11	1	13	13	13	1	9	10	10	1	
		152	6	3	7		2	2	2		2	2	2		
		155					1	1	1		1	1	1		
		163	7	3	5		2	2	2		2	2	2		
		164	9	5	10		3	3	3		2	2	2		
		165	13	4	12		1	1	1		1	1	1		
		166	10	4	6		3	3	3		2	2	2		
		224	11	4	6		6	6	6		5	6	6		
		230	7	5	10		4	4	4		4	4	4		
		234	10	6	10		12	10	12		10	10	10		
		292	1	1	2		3	3	3				1		
		LC45 Total			107	57	102	1	58	56	58	1	45	48	49
LC60	233	14	12	16		10	11	11		7	8	8			
LC60 Total			14	12	16		10	11	11		7	8	8		
RP45	224	1													
	788	10		11											
	794	12	8	12											
RP45 Total			23	8	23										
RP60	734	12	12	14											
	744	12	12	13		5	5	5		5	5	5			
RP60 Total			24	24	27		5	5	5		5	5	5		
15 Total			201	125	201	5	88	88	90	5	74	78	79	5	

METRO BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

Division	Vehicle Group	Line	Weekday				Saturday				Sunday								
			AM	BASE	PM	OWL	AM	BASE	PM	OWL	AM	BASE	PM	OWL					
18	LC40	115			1														
		120	7	7	7		5	5	5		5	5	5						
		126	2		2														
		127	3	2	2														
		202	3		3														
		210	1																
		211	4		4														
		246	8	5	9		6	6	6		3	3	3					1	
		344	5	1	5		2	2	2		2	2	2						
		442	2		2														
		550	5	2	5		2	2	2		2	2	2						
	LC40 Total			40	17	40		15	15	15		12	12	12		1			
	LC45	111	19	15	23	1	13	15	15	1	13	16	17	1					
		115	27	17	26		12	13	13		8	11	11						
		117	15	13	16	2	9	10	10	2	7	8	8	2					
		120	2	1	2														
		210	14	12	17		12	13	13		12	14	14						
		211			1														
		442	1		1														
		910	10	4	10		3	3	4		3	3	4						
	LC45 Total			88	62	96	3	49	54	55	3	43	52	54		3			
	LC60	40	23	16	24		15	15	15		14	15	15						
		204	10	9	10		7	6	7		4	5	6						
		207	8	5	7	2	6	6	7	2	7	7	7	2					
	LC60 Total			41	30	41	2	28	27	29	2	25	27	28		2			
	RP40	710	14	9	16		8	9	9										
	RP40 Total			14	9	16		8	9	9									
RP60	754	8	5	8		6	7	7		3	3	4							
RP60 Total			8	5	8		6	7	7		3	3	4						
18 Total			191	123	201	5	106	112	115	5	83	94	98		6				
Grand Total			1727	1022	1790	69	833	904	982	69	645	729	780		65				

COMPARISON

DIV. NO.	BUS TYPE	NEW EQUIPMENT COUNTS					PREVIOUS EQUIPMENT COUNTS					DIFFERENCE				
		12-11-16					6-26-16									
		AM	BASE	PM	OWL	PEAK	AM	BASE	PM	OWL	PEAK	AM	BASE	PM	OWL	PEAK
1	LC40	85	48	93	4	93	90	60	100	2	100	-5	-12	-7	2	-7
1	LC45	31	28	34		34	26	17	27	2	27	5	11	7	-2	7
1	LC60	24	10	21		24	24	10	21		24	0	0	0	0	0
1	RP40	11	8	11		11	11	8	12		12	0	0	-1	0	-1
2	LC40	136	78	143	8	143	136	77	143	8	143	0	1	0	0	0
2	RP40	9	4	8		9	9	4	8		9	0	0	0	0	0
3	LC40	58	34	62	4	62	54	35	61	4	61	4	-1	1	0	1
3	LC45	58	31	59	3	59	55	32	57	3	57	3	-1	2	0	2
3	R45B	28	20	30		30	28	20	30		30	0	0	0	0	0
5	LC40	82	48	87	1	87	82	49	87	1	87	0	-1	0	0	0
5	LC45	11	8	11		11	11	8	11		11	0	0	0	0	0
5	LC60	16	10	24	4	24	16	10	24	4	24	0	0	0	0	0
5	RP40	29	16	29		29	29	16	29		29	0	0	0	0	0
5	RP60	18	5	20		20	18	5	20		20	0	0	0	0	0
7	LC40	100	57	104	7	104	104	59	110	7	110	-4	-2	-6	0	-6
7	LC45	67	37	67	5	67	68	37	68	5	68	-1	0	-1	0	-1
7	LC60	7	6	7	3	7						7	6	7	3	7
7	RP40	8	2	8		8	8	2	8		8	0	0	0	0	0
7	RP60	4	4	7		7	9	4	9	3	9	-5	0	-2	-3	-2
8	EX60	31	16	31	4	31	31	16	31	4	31	0	0	0	0	0
8	LC40	32	22	31		32	20	12	18		20	12	10	13	0	12
8	LC45	93	41	93	2	93	105	49	104	2	105	-12	-8	-11	0	-12
8	RP45	13	5	13		13	12	5	13		13	1	0	0	0	0
8	EX45						2		2		2	-2	0	-2	0	-2
9	LC40	137	92	134	4	137	136	94	133	4	136	1	-2	1	0	1
9	LC45	33	9	30	1	33	33	9	30	1	33	0	0	0	0	0
9	R40B	25	20	26		26	26	20	26		26	-1	0	0	0	0
10	LC40	14	6	18		18	14	6	14		14	0	0	4	0	4
10	RP45	25	13	23		25	24	12	23		24	1	1	0	0	1
10	RP60	23	18	24		24	24	19	28		28	-1	-1	-4	0	-4
13	LC40	46	34	48	5	48	52	44	60	5	60	-6	-10	-12	0	-12
13	LC60	5	5	8	4	8						5	5	8	4	8
13	RP45	9	5	9		9	9	5	9		9	0	0	0	0	0
13	RP60	67	34	75		75	65	35	76	4	76	2	-1	-1	-4	-1
15	LC40	33	24	33	4	33	28	20	27	4	28	5	4	6	0	5
15	LC45	107	57	102	1	107	108	61	106	1	108	-1	-4	-4	0	-1
15	LC60	14	12	16		16	14	12	16		16	0	0	0	0	0
15	RP45	23	8	23		23	23	8	23		23	0	0	0	0	0
15	RP60	24	24	27		27	24	24	27		27	0	0	0	0	0
18	LC40	40	17	40		40	40	17	40		40	0	0	0	0	0
18	LC45	88	62	96	3	96	82	59	90	3	90	6	3	6	0	6
18	LC60	41	30	41	2	41	41	30	42	2	42	0	0	-1	0	-1
18	RP40	14	9	16		16	14	9	16		16	0	0	0	0	0
18	RP60	8	5	8		8	8	5	8		8	0	0	0	0	0
Grand Total		1727	1022	1790	69	1808	1713	1024	1787	69	1804	14	-2	3	0	4
PEAK OF THE PEAK TOTAL					1808						1804					

METRO CONTRACT BUS EQUIPMENT REQUIREMENTS EFFECTIVE DECEMBER 11, 2016

DIVISION	LINE	Weekday			Saturday			Sunday		
		AM	BASE	PM	AM	BASE	PM	AM	BASE	PM
95	254	3	2	3	2	2	2			
95	256	5	5	5	4	4	4	4	4	4
95	266	11	7	12	5	6	6	6	6	6
95	577	4	4	4						
95	605	5	3	5	2	2	2	2	2	2
95 Total		28	21	29	13	14	14	12	12	12
98	96	6	5	6	3	3	3	3	3	3
98	167	6	5	6	4	4	4	4	4	4
98	177	2		2						
98	218	4	3	4	2	3	3	2	2	2
98	501	9	4	10	2	2	2	2	2	2
98	603	17	9	17	8	10	12	6	10	11
98 Total		44	26	45	19	22	24	17	21	22
97	125	14	7	13	7	8	9	5	7	7
97	128	4	3	3						
97	130	9	6	9	4	4	4	4	4	4
97	205	11	9	9	5	5	5	4	4	4
97	232	18	10	17	9	9	9	7	8	8
97	607	1		1						
97	625	2		2						
97 Total		59	35	54	25	26	27	20	23	23
Grand Total		131	82	128	57	62	65	49	56	57

December 2016 Rail Equipment

BLUE LINE DIVISION 11 - LIGHT RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
3 Car Trains	19	11	19	0	0	0	0	0	0	0	0	0	0	0	0
2 Car Trains	0	0	0	7	0	11	11	11	7	0	11	11	11	7	0
1 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE TOTAL	19	10	19	7	0	11	11	11	7	0	11	11	11	7	0
REVENUE SUPPORT															
Ready Reserve-7th/Metro Tail Track	0	1	0	0	0	1	1	1	0	0	1	1	1	0	0
Ready Reserve Maintenance-Blue Line (Div. 11)	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0
Logistical-Blue Line (Div. 11) Consist Reductions/Increases	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
REVENUE/RESERVE/LOGISTIC-COMBINED REQUIREMENT	20	13	20	8	0	14	13	13	8	0	14	13	13	8	0
TOTAL VEHICLE REQUIREMENT	60	39	60	16	0	29	27	27	16	0	29	27	27	16	0

EXPO LINE DIVISION 14 - LIGHT RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
3 Car Trains	9	9	9	0	0	10	10	10	7	0	10	10	10	7	0
2 Car Trains	10	0	10	7	0	0	0	0	0	0	0	0	0	0	0
1 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE TOTAL	19	9	19	7	0	9	9	9	7	0	9	9	9	7	0
REVENUE SUPPORT															
Ready Reserve-7th/Metro Tail Track	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ready Reserve Maintenance-Expo Line (Div. 14)	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0
Logistical-Expo Line (Div. 14) Consist Reductions/Increases	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0
REVENUE/RESERVE/LOGISTIC-COMBINED REQUIREMENT	20	10	20	8	0	12	11	11	8	0	12	11	11	8	0
TOTAL VEHICLE REQUIREMENT	50	30	50	16	0	36	33	36	24	0	36	33	36	24	0

GREEN LINE DIVISION 22 - LIGHT RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
3 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Car Trains	11	6	11	0	0	3	5	5	0	0	3	5	5	0	0
1 Car Trains	0	0	0	5	0	2	0	0	5	0	2	0	0	5	0
REVENUE TOTAL	11	6	11	5	0	5	5	5	5	0	5	5	5	5	0
REVENUE SUPPORT															
Ready Reserve- I-605/I-105 Tail Track	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0
Ready Reserve - Redondo Beach Station	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ready Reserve Maintenance-Green Line (Div. 22)	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0
Logistical-Green Line (Div. 22) Consist Reductions/Increases	0	0	0	0	0	2	0	0	0	0	2	0	0	0	0
REVENUE/RESERVE/LOGISTIC-COMBINED REQUIREMENT	12	7	12	6	0	9	7	7	6	0	9	7	7	6	0
TOTAL VEHICLE REQUIREMENT	24	14	23	6	0	13	14	14	6	0	13	14	14	6	0

December 2016 Rail Equipment

GOLD LINE DIVISION 21 - LIGHT RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
3 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2 Car Trains	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
1 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE TOTAL	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE SUPPORT															
Ready Reserve- Sierra Madre Villa Tail Track	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ready Reserve-Atlntc. Station Tail Track	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ready Reserve Maintenance-Gold Line (Div. 21)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Logistical-Gold Line (Div. 21) Consist Reductions/Increases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE/RESERVE/ LOGISTIC- COMBINED REQUIREMENT	5	5	5	0	0	0	0	0	0	0	0	0	0	0	0
TOTAL VEHICLE REQUIREMENT	10	10	10	0	0	0	0	0	0	0	0	0	0	0	0
GOLD LINE DIVISION 24 - LIGHT RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
3 Car Trains	3	0	3	0	0	0	0	0	0	0	0	0	0	0	0
2 Car Trains	14	8	14	8	0	14	13	13	8	0	14	13	13	8	0
1 Car Trains	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE TOTAL	17	8	17	8	0	14	13	13	0	0	14	13	13	0	0
REVENUE SUPPORT															
Ready Reserve- Sierra Madre Villa Tail Track	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ready Reserve-Atlntc. Station Tail Track	0	0	0	0	0	(1)	1	1	1	0	(1)	1	1	1	0
Ready Reserve Maintenance-Gold Line (Div. 24)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Logistical-Gold Line (Div. 24) Consist Reductions/Increases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE/RESERVE/ LOGISTIC- COMBINED REQUIREMENT	17	8	17	8	0	14	14	14	9	0	14	14	14	9	0
TOTAL VEHICLE REQUIREMENT	37	16	37	16	0	28	28	28	18	0	28	28	28	18	0

(1): 1 AM being in service then used for reserve

RED LINE DIVISION 20 - HEAVY RAIL															
TRAINS	DAILY					SATURDAY					SUNDAY				
	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL	AM	BASE	PM	NIGHT	OWL
REVENUE SERVICE															
NH Branch 6 Car Trains / 3 Married Pair	7	0	7	4	0	0	0	0	0	0	0	0	0	0	0
NH, WW Branches 4 Car Trains / 2 Married Pair	4	9	4	2	0	8	9	9	6	0	8	9	9	6	0
WW Branch 2 Car Trains / 1 Married Pair	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE TOTAL	11	9	11	6	0	8	9	9	6	0	8	9	9	6	0
REVENUE SUPPORT															
Ready Reserve- North Hollywood Tail Track	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0
Ready Reserve- Union Station YR20	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0
Ready Reserve Maintenance-Red Line (Div. 20)	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0
Logistical-Red Line (Div. 20) Consist Reductions/Increases	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
REVENUE/RESERVE/ LOGISTIC- COMBINED REQUIREMENT	13	11	13	7	0	11	12	12	7	0	11	12	12	7	0
TOTAL VEHICLE REQUIREMENT	68	46	68	36	0	44	48	48	28	0	44	48	48	28	0

Hastus code	Description	M3 EQUIP_USE_CODE	M3 DESCRIPTION
EX40	Express 40 foot	EXP	Express
EX60	Express 60 foot - Orange Line	EXP	Express
LC40	Local 40 foot	LCL	Local
LC45	Local 45 foot	LCL	Local
LC60	Local 60 foot	LCL	Local
RP40	Rapid 40 foot	RPD	Rapid
RP45	Rapid 45 foot	RPD	Rapid
RP60	Rapid 60 foot	RPD	Rapid
R40B	Rapid 40 foot -BSP	RB	Rapid
R45B	Rapid 45 foot -BSP	RB	Rapid
R60B	Rapid 60 foot -BSP	RB	Rapid

Division	Capacity
1	205
2	161
3	204
5	198
7	237
8	216
9	234
10	230
13	204
15	262
18	252
	2403