

Rail Fleet Services Monthly Report August 2015



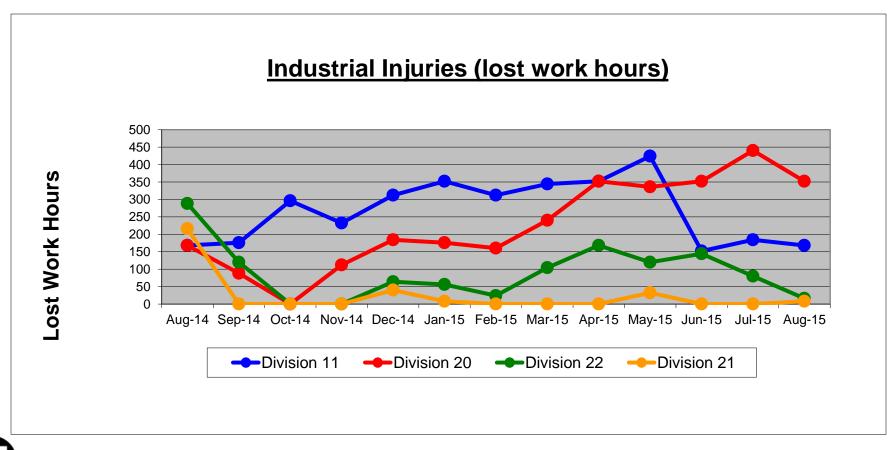
Table of Contents

•	Safety		
	- Industrial Injuries	Page	3
	- Rail Vehicle Accidents & Major Incidents	Page	4
•	Customer Service		
	- Service Delivery – AM/PM Pull-Outs	Page	5
	- Vehicle Utilization - Blue Line & Green Line	Page	6
	- Vehicle Utilization - Red Line & Gold Line	Page	7
	- All Train Delay Incidents	Page	8
	- Mean Miles Between Failures (Major)	Page	9
	- Mileage Between Data Range (by month)	Page	10
	Business Processes		
	- Top Incident Categories	Page	1
	- Major Incidents	Page	12
	- Preventive Maintenance Compliance	Page	13
	- RFS Leader Wrench Turning	Page	14
•	Finance		
	- Vandalism & Graffiti Costs	Page	1
	- Graffiti Pictures	Page	10
	- Labor & Material Costs	Page	17
	- Cost per mile	Page	18
	- Absence vs. Overtime	Page	19
	Growth		
	- RFS Instruction Department Activities	Page	20



Industrial Injuries – Lost Work Hours August 2014-2015

	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	13-Month Period
Division 11	168	176	296	232	312	352	312	344	352	424	152	184	168	3,472
Division 20	168	88	0	112	184	176	160	240	352	336	352	440	352	2,960
Division 22	288	120	0	0	64	56	24	104	168	120	144	80	16	1,184
Division 21	216	0	0	0	40	8	0	0	0	32	0	0	8	304
Totals	840	384	296	344	600	592	496	688	872	912	648	704	544	7,920





Rail Vehicle Accidents & Major Incidents August 2014-2015

Repair Costs	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	13-Month Period
Blue/Expo Line	\$207	\$42,690	\$12,945	\$5,762	\$3,463	\$9,301	\$17,834	\$17,322	\$12,056	\$1,655	\$4,811	\$5,716	\$1,971	\$135,733
Red/Purple Line	\$0	\$0	\$4,194	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$4,194
Green Line	\$0	\$0	\$267	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,333	\$5,600
Gold Line	\$1,669	\$0	\$0	\$0	\$5,664	\$0	\$315	\$0	\$0	\$4,833	\$1,494	\$8,204	\$2,611	
Totals	\$1,876	\$42,690	\$17,406	\$5,762	\$9,127	\$9,301	\$18,149	\$17,322	\$12,056	\$6,488	\$6,305	\$13,920	\$9,915	\$170,317

		Ra	ail Vehicle Accident Costs - August 2015		
Date	Incident #	Problem Code	Incident Description	Rep	air Cost
Metro Blue	Expo Line				
8/5/15	2624571	Train vs. Vehicle	Train 104 was sideswiped by Long Beach Transit Bus 1257.	\$	189
8/10/15	2626324	Train vs. Vehicle	A 10-73 was reported. Train 109, at Pacific and 7th Street, Northbound.	\$	1,782
			Total	\$	1,971
Metro Gree	n Line				
8/23/15	2631278	Train vs. Object	A 10-71 was reported (Trains versus shopping cart) at Wilmington Station, Track 2, Eastbound.	\$	5,333
			Total	\$	5,333
Metro Gold	Line				
8/1/15	2623065	Train vs. Vehicle	A 10-73 was reported at Del Mar Grade Crossing, Track 1, Northbound.	\$	2,611
			Total	\$	2,611
			Grand Total	\$	9,915
(10-	71) = Train vs.	Object, (10-72) = Train	vs. Pedestrian, (10-73) = Train vs. Vehicle (10-74) = Train vs. MTA Vehicle, (10-75) = Dera	ilment	

Note: Repair costs are only the expenses captured during the time period of the report. Actual costs may be significantly higher, if repairs are spread out over several months.



Service Delivery August 2015

August 2015 - Service Delivery

Blue/Expo Line Fleet Size: 92

Pull Out	Vehicles Required	Average Available*	<u>% Up (Down)</u>
Weekday:	78	76	97%
Weekend:	60	65	108%

Late Pullouts: 1

Monthly Mileage: 643,117

Red/Purple Line Fleet Size: 104

Pull Out	Vehicles Required	Average Available*	% Up (Down)
Weekday:	74	80	108%
Weekend:	54	72	133%

Late Pullouts: 0

Monthly Mileage: 634,446

Green Line Fleet Size: 29

Pull Out	Vehicles Required	Average Available*	<u>% Up (Down)</u>
Weekday:	22	22	100%
Weekend:	14	15	107%

Late Pullouts: 0

Monthly Mileage: 231,210

Gold Line Fleet Size: 50

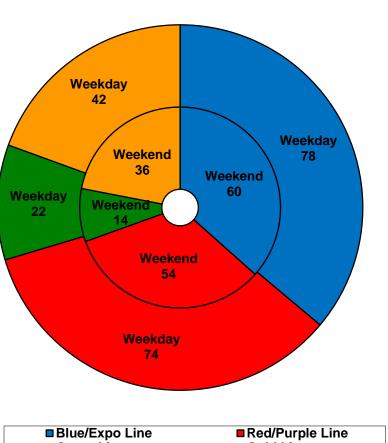
Pull Out	Vehicles Required	Average Available*	<u>% Up (Down)</u>
Weekday:	42	43	102%
Weekend:	36	41	114%

Late Pullouts: 0

Monthly Mileage: 329,218

^{*} Average available numbers are based on 15-day-data.

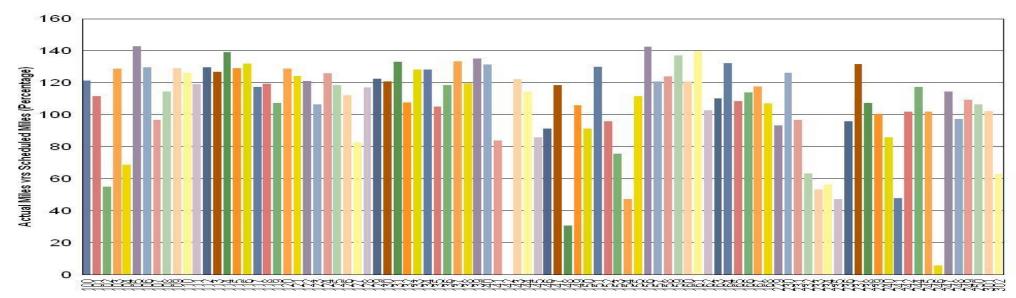




■Green Line **□** Gold Line

Vehicle Utilization August 2015

Metro Blue/Expo Line (92 Cars)



Blue/Expo Line: The following cars were out of service due to:

Car # 142 Accident Repairs

Car # 148 Repairs and Training Vehicle

Car # 246 Paint and Body Repairs

Metro Green Line (29 Cars)

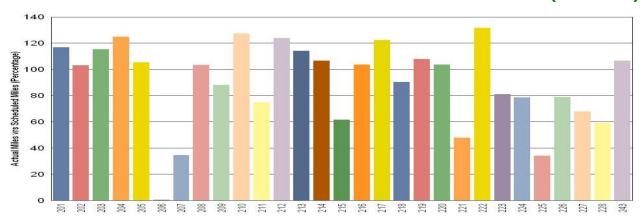
Green Line: The following cars were out of service due to:

Car # 206 EMI Faults (engineering currently testing)

Car # 207 Prop fault issue / 22k Inspection

Car # 225 HVAC Issues and JAC Training





Page 6

Vehicle Utilization August 2015

Metro Red/Purple Line (104 Cars)

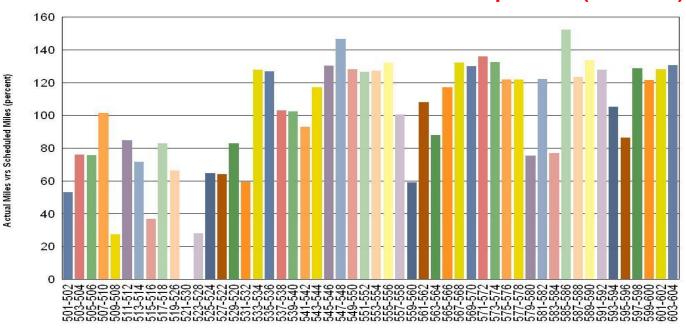
Red/Purple Line:

The following cars were out of service due to:

Car # 509-508 Propulsion Fault Car # 515-516 Propulsion Fault

Car # 521-530 Trucks/Waiting on Traction Motors

Car # 523-528 Flooring Replacement



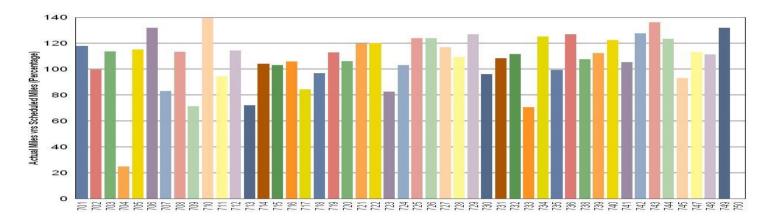
Metro Gold Line (50 Cars)

Gold Line:

The following cars were out of service due to:

Car # 704 Being used on the Foothill extension for testing
Car # 750 Auxiliary Inverter flash over.

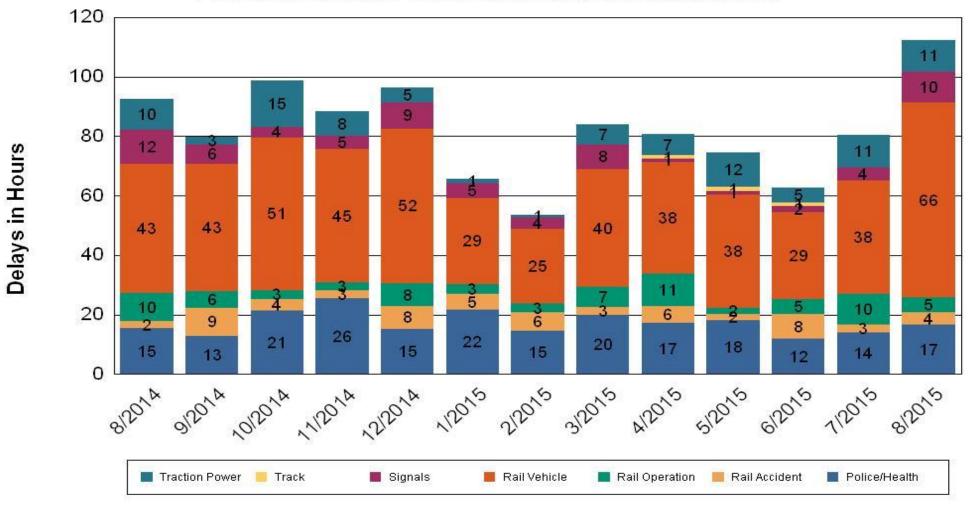




All Train Delays (Hours) August 2014-2015

All Train Delays

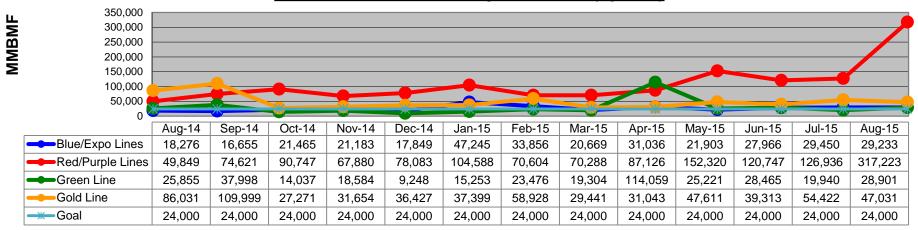
Totals Include the delay to all trains involved (not just the primary incident)





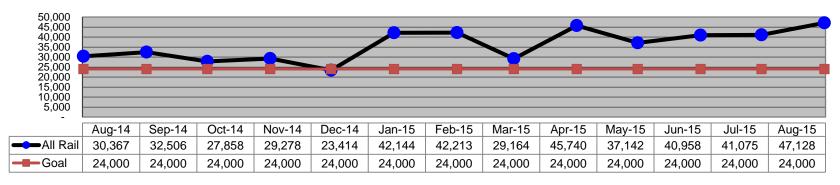
Mean Miles Between Failures (Major) August 2014-2015

Mean Miles Between Major Failures (by line)



Mean Miles Between Major Failures (all)

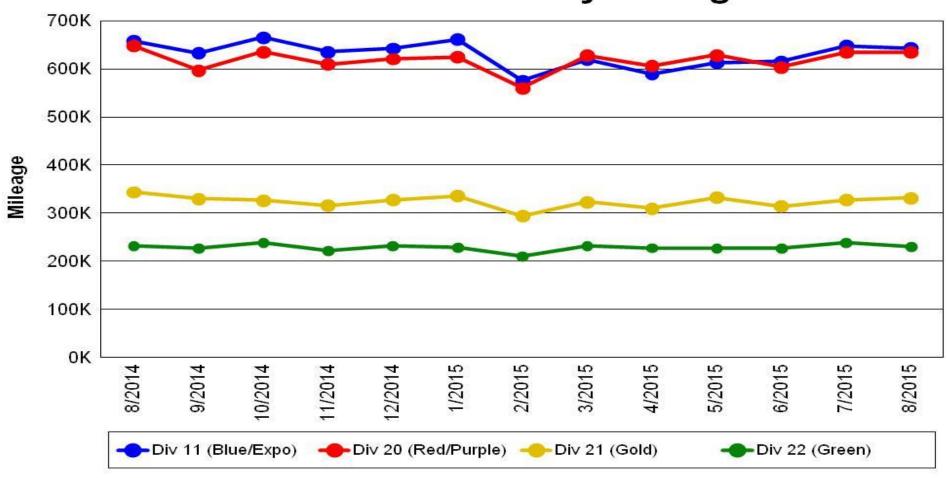
MMBMF





Mileage Between Data Range (by month) August 2014-2015

Rail Division Monthly Mileage

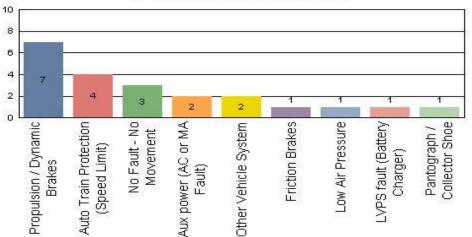




Top Incident Categories August 2015

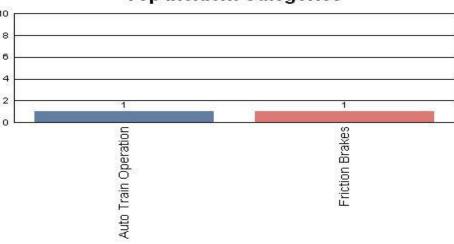
Metro Blue/Expo Line

Top Incident Categories



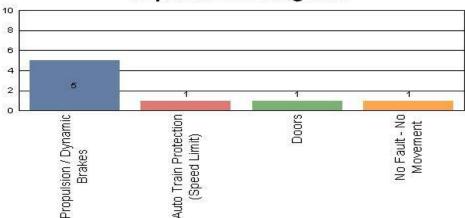
Metro Red/Purple Line

Top Incident Categories



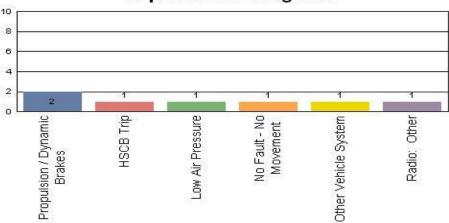
Metro Green Line

Top Incident Categories



Metro Gold Line

Top Incident Categories

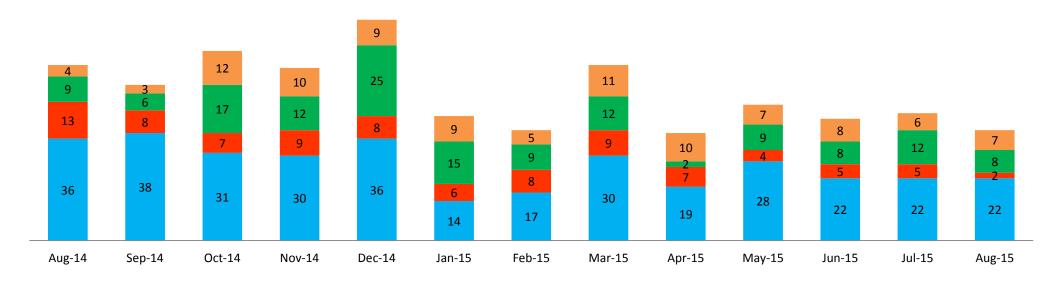




Major Incident: When a train does not complete its scheduled run or is more than 5 minutes late of its scheduled arrival time.

Major Incidents August 2014-2015

Numbers of Major System Failures (by Line)





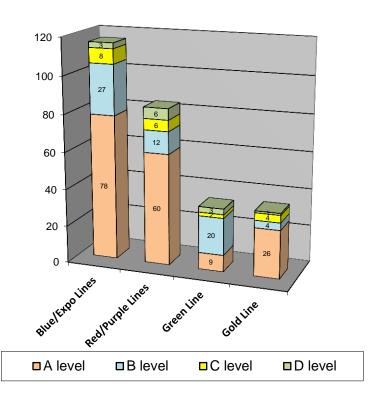


Preventive Maintenance Compliance August 2014-2015

PM Compliance	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15
Blue/Expo Lines	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Red/Purple Lines	100%	100%	100%	100%	100%	100%	100%	100%	97%	100%	100%	100%	100%
Green Line	100%	100%	100%	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%

Number of Preventive Maintenance Inspections - August 2015													
Line	A level	B level	C level	D level	Totals								
Blue/Expo Lines	78	27	8	3	116								
Red/Purple Lines	60	12	6	6	84								
Green Line	9	20	2	3	34								
Gold Line	26	4	4	1	35								
Totals:	173	63	20	13	269								

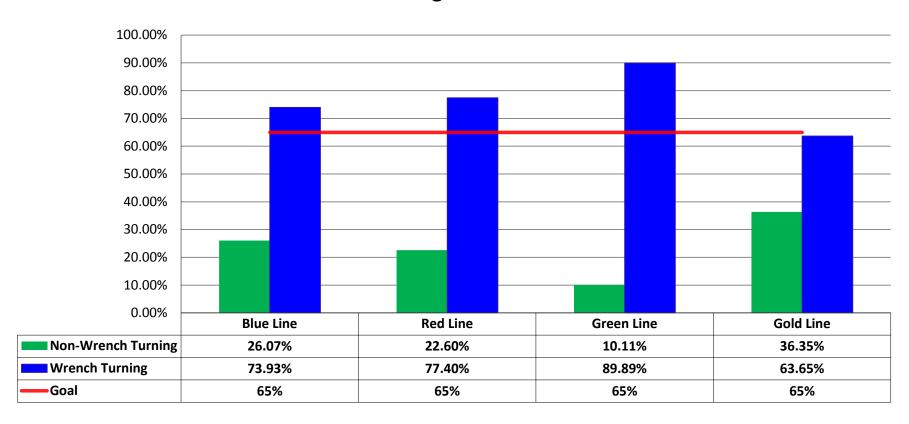
Explanation of Pl	M Inspection levels	Miles								
Line	Туре	A level	B level	C level	D level					
Blue/Expo Lines	P865/P2020	5,000	15,000	30,000	60,000					
Blue/Expo Lines	P2000	7,500	22,500	45,000	90,000					
Red/Purple Lines	A650	7,500	22,500	45,000	90,000					
Green Line	P2000	7,500	22,500	45,000	90,000					
Gold Line	P2550	10,000	30,000	60,000	120,000					





RFS Leader Wrench Turning August 2015

RFS – Leader Wrench Turning August 2015

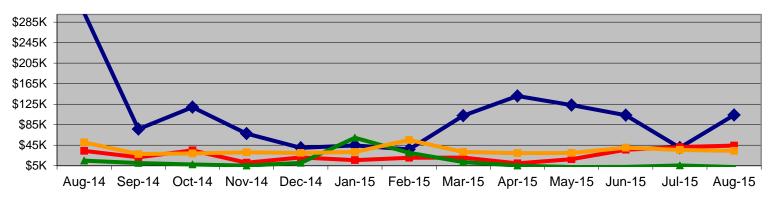


Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader



Vandalism & Graffiti Report August 2014-2015

	Graffiti Costs													
	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	13-Month Period
Blue/Expo Line	\$303K	\$77K	\$119K	\$68K	\$40K	\$45K	\$37K	\$103K	\$141K	\$123K	\$104K	\$40K	\$104K	\$1302K
Red/Purple Line	\$34K	\$22K	\$35K	\$11K	\$21K	\$16K	\$21K	\$21K	\$9K	\$18K	\$36K	\$41K	\$44K	\$329K
Green Line	\$15K	\$10K	\$8K	\$5K	\$10K	\$59K	\$30K	\$12K	\$5K	\$3K	\$3K	\$6K	\$2K	\$169K
Gold Line	\$51K	\$28K	\$29K	\$31K	\$30K	\$32K	\$55K	\$32K	\$30K	\$30K	\$40K	\$36K	\$34K	\$456K
Totals:	\$402K	\$136K	\$190K	\$115K	\$102K	\$152K	\$143K	\$167K	\$185K	\$173K	\$183K	\$123K	\$185K	\$2,255K



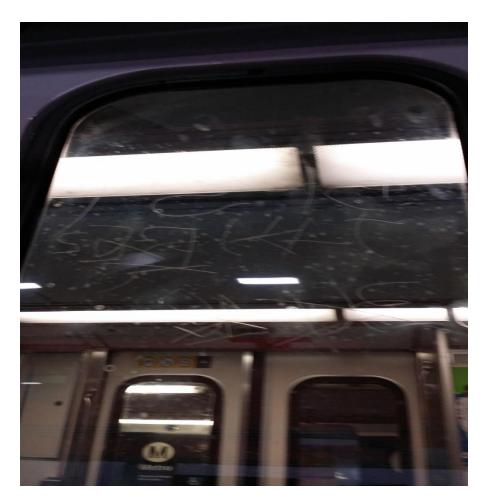
→Blue/Expo Line	Red/Purple Line	Green Line	Gold Line
Blue/Expo Line	Red/Purple Line	Green Line	-Gold Line

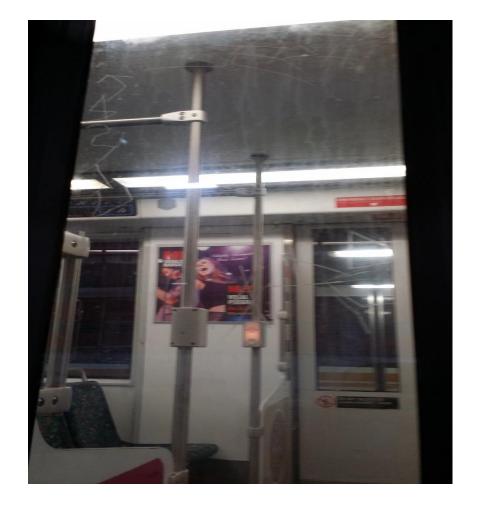
August 2015	Vandalisr	n &	Graffiti - A	III Ra	ail	
	Qty		Labor	Ma	aterials	Totals
Windows Replaced	182	\$	17,772	\$	25,336	\$ 43,108
Vandal Shields Replaced	813	\$	18,186	\$	16,896	\$ 35,082
Seats Cleaned	511	\$	4,675	\$	3,980	\$ 8,655
Seats Inserts Replaced	406	\$	13,204	\$	13,823	\$ 27,027
Graffiti Removal - Other	937	\$	58,277	\$	3,148	\$ 61,425
Repainting Panels	294	\$	9,261	\$	-	\$ 9,261
Totals	3,143	\$	121,375	\$	63,183	\$ 184,558



Graffiti Pictures August 2015

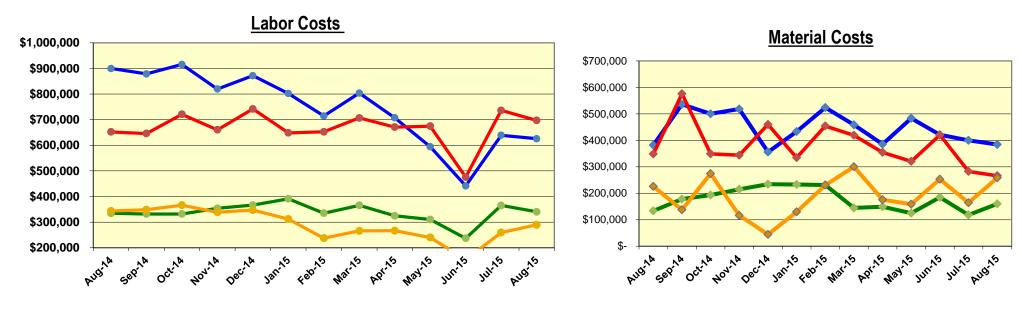
Blue Line







Labor and Material Costs August 2014-2015



	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15		Feb-15		Mar-15	Apr-15	May-15	Jun-15*	Jul-15	Aug-15
							L	abor Cost	S						
Blue/Expo Lines	\$ 900,043	\$ 878,598	\$ 915,432	\$ 819,497	\$ 871,682	\$ 802,256		714,349	_	803,757	\$ 707,348	\$ 594,550	\$ 441,364	\$ 638,967	\$ 625,577
Red/Purple Lines	\$ 652,202	\$ 645,981	\$ 721,060	\$ 660,321	\$ 741,908	\$ 648,538	\$	652,406	\$	706,794	\$ 671,084	\$ 674,681	\$ 475,810	\$ 736,269	\$ 697,095
Green Line	\$ 334,772	\$ 331,870	\$ 331,661	\$ 354,058	\$ 366,422	\$ 391,161	\$	334,919	\$	365,457	\$ 324,550	\$ 310,181	\$ 236,931	\$ 365,229	\$ 340,115
Gold Line	\$ 343,246	\$ 348,288	\$ 366,248	\$ 338,610	\$ 347,182	\$ 311,868	\$	237,438	\$	265,835	\$ 266,529	\$ 240,056	\$ 154,498	\$ 259,228	\$ 289,571
Totals	\$ 2,230,262	\$ 2,204,736	\$ 2,334,400	\$ 2,172,486	\$ 2,327,193	\$ 2,153,823	\$	1,939,112	\$	2,141,842	\$ 1,969,511	\$ 1,819,467	\$ 1,308,603	\$ 1,999,693	\$ 1,952,358

							M	aterial Cos	sts						
Blue/Expo Lines	\$ 382,184	\$ 536,100	\$ 500,390	\$ 518,334	\$ 355,729	\$ 433,347	\$	524,157	\$	458,588	\$ 385,794	\$ 483,368	\$ 421,088	\$ 400,315	\$ 384,178
Red/Purple Lines	\$ 348,370	\$ 576,230	\$ 349,031	\$ 343,936	\$ 460,076	\$ 334,623	\$	454,326	\$	419,099	\$ 354,492	\$ 320,754	\$ 420,042	\$ 282,744	\$ 266,405
Green Line	\$ 133,386	\$ 178,206	\$ 193,176	\$ 214,902	\$ 234,118	\$ 233,318	\$	231,562	\$	144,927	\$ 148,839	\$ 125,054	\$ 185,086	\$ 118,559	\$ 159,916
Gold Line	\$ 225,818	\$ 137,883	\$ 274,059	\$ 116,179	\$ 44,498	\$ 130,036	\$	230,896	\$	300,170	\$ 175,922	\$ 159,016	\$ 253,284	\$ 163,954	\$ 258,793
Totals	\$ 1,089,759	\$ 1,428,418	\$ 1,316,657	\$ 1,193,351	\$ 1,094,420	\$ 1,131,324	\$	1,440,941	\$	1,322,783	\$ 1,065,048	\$ 1,088,194	\$ 1,279,500	\$ 965,571	\$ 1,069,291

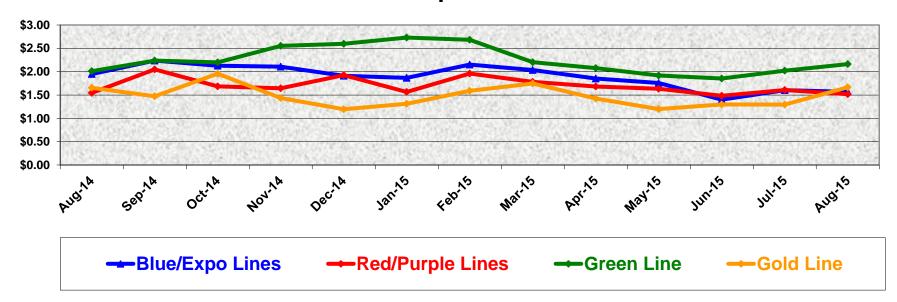


Note: *Preliminary labor and material costs for June 2015 due to FY15 fiscal year ending awaiting accrual process.

Cost Per Mile August 2014-2015

Cost per mile:	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Average
Blue/Expo Lines	\$1.95	\$2.24	\$2.13	\$2.11	\$1.91	\$1.87	\$2.15	\$2.04	\$1.85	\$1.76	\$1.40	\$1.60	\$1.57	\$1.89
Red/Purple Lines	\$1.54	\$2.05	\$1.68	\$1.64	\$1.92	\$1.57	\$1.96	\$1.78	\$1.68	\$1.63	\$1.48	\$1.61	\$1.52	\$1.70
Green Line	\$2.01	\$2.24	\$2.20	\$2.55	\$2.60	\$2.73	\$2.68	\$2.20	\$2.08	\$1.92	\$1.85	\$2.02	\$2.16	\$2.25
Gold Line	\$1.65	\$1.47	\$1.96	\$1.44	\$1.19	\$1.31	\$1.59	\$1.75	\$1.43	\$1.20	\$1.30	\$1.30	\$1.67	\$1.48

Cost per Mile





ATU Absences vs. Overtime August 2015

	3941 & 3947	3942	3943	3944	Total
ABSENCE TYPE and HOURS	Blue & Expo	Red	Green	Gold	l Otal
AWP-ABSENT W/O PERMISSION	-	-	26	-	26
BER-BEREAVEMENT	32	48	-	72	152
CTO-COMPENSATORY TIME OFF	105	276	20	56	457
CUT-EMPLOYEE LEAVES EARLY	0	0	-	-	0
CVA - CASUAL VACATION	312	388	8	92	800
DSL-DISABILITY LEAVE/LONG	888	392	-	304	1,584
EFH-EMG. FLOAT HOL.	48	40	72	72	232
ETO-EXCUSED TIME OFF	107	27	5	28	167
FMI-FAM IND INJURY	-	88	-	-	88
FML-FAMILY CARE LEAVE	624	688	136	248	1,696
FMS-FAMILY LEAVE SICK	106	260	8	24	398
HLF-HOLIDAY FLOATING	672	432	144	216	1,464
II-INDUSTRIAL INJURY	-	-	16	8	24
JUR-JURY DUTY	-	24	40	_	64
LC1-LABOR CODE 233	76	161	80	104	421
LTI-OCCPIL/LONGTRM INJ LEAVE	168	352	-	_	520
MLN-MILITARY ABSENCE-UNPAID	8	8	1	_	16
OWP-OFF WITH PERMISSION	=	17	2	_	18
RTO-REQUESTED TIME OFF-NO PAY	24	1	-	_	25
SCK-SICK PAY	136	188	88	109	520
SCW-SICK WITHOUT PAY	48	-	207	24	279
SPN-SCHOOL PARTNER NOT PAID	=	-	ı	-	=
TAR-TARDY	2	0	1	0	4
UNP-UNION BUS PAID	-	14	ı	_	14
VAC-VACATION	1,495	1,456	525	760	4,236
Total Absence Hours	4,852	4,859	1,378	2,117	13,206
ATU Number of Work Force (budget)	125	104	46	48	323
Full Work Force hours/month	21,663	18,023	7,972	8,318	55,976
Absence as a % of Work Force	22%	27%	17%	25%	24%

OVERTIME TYPE and HOURS	3941 & 3947 Blue & Expo	3942 Red	3943 Green	3944 Gold	Total
CTB-COMPENSATORY TIME TO BANK	329	412	81	165	987
OTP-PREM OVERTIME	4,708	5,128	1,213	654	11,702
WLO-Worked Lunch Overtime	119	131	94	42	387
Total Overtime Hours	5,156	5,671	1,388	860	13,076
Overtime as a % of Work Force	24%	31%	17%	10%	23%



Note: Overtime also covers other required activities, including Training, Component Overhaul, and Special Events.

RFS Instruction Department Activities August 2015

Training classes completed during the month of August 2015

	Description	Course Hours	Student Count	Training Hours	
RFS 865/2020 CAR BODY	Blue & Expo Line Training - (P865/2020 & P2000 LRV):				
RFS 865/2020 PNATC SYSTEM		8	6	48	
RFS 865/2020 PNATC SYSTEM					
RFS 865/2020 PANTOGRAPH RFS 865/2020 TRUCKS RFS 2-WEEK RAIL INTRODUCTION RFS SIEMENS 2000 CARBODY Total Blue Line Training (Hours): 912		64		384	
RFS 865/2020 TRUCKS RFS 2-WEEK RAIL INTRODUCTION RFS SIEMENS 2000 CARBODY Total Blue Line Training (Hours): 912	RFS 865/2020 PANTOGRAPH	8	8	64	
RFS 2-WEEK RAIL INTRODUCTION RFS SIEMENS 2000 CARBODY Total Blue Line Training (Hours): Total Blue Line Training (Hours): Total Blue Line Training (Hours):		24	8	192	
Total Blue Line Training (Hours): 912		80	2	160	
Total Blue Line Training (Hours): 912					
RFS 2-WEEK RAIL INTRODUCTION					
RFS 2-WEEK RAIL INTRODUCTION 80 5 400	Total Blue Line	Training	(Hours):	912	
RFS ANSALDOBREDA 2550 H.V.A.C. 16 6 96 RFS ANSALDOBREDA 2550 DOORS 24 6 144 Total Gold Line Training (Hours): Total Gold Line Training (Hours): 736 Green Line Training (P2000 LRVs): RFS SIEMENS 2000 LIGHTS & DEST SIGN 19 4 76 REFRIGERANT RECOVERY SYSTEMS (608) 16 4 64 RFS BREDA 650 HVAC REFRESHER 24 4 96 RFS SIEMENS 2000 HVAC 64 4 256 RFS SIEMENS 2000 PANTOGRAPH 80 2 160 RFS SIEMENS 2000 PANTOGRAPH 8 4 32 RFS SIEMENS 2000 DOOR CONTROLS 40 4 160 Total RFS Instruction for the month of August 2015 (Hours): 2,492 Other Instruction Activities 80 P865\P2020 Curriculum, Administrative, and Technical Support 80 P865\P2020 Curriculum, Administrative, and Technical Support 40 P2000 Curriculum, Administrative, and Technical Support 40					
RFS ANSALDOBREDA 2550 DOORS 24 6 144					
Total Gold Line Training (Hours): 736					
Total Gold Line Training (Hours): 736					
State	RFS ANSALDOBREDA 2550 MAINLINE DUTY, DEAD TOW AND VEHICLE REC	CC 16	6	96	
RFS SIEMENS 2000 LIGHTS & DEST SIGN 19	Total Gold Line	Training	(Hours):	736	•
RFS SIEMENS 2000 LIGHTS & DEST SIGN 19	Green Line Training (P2000 LRVs):				
REFRIGERANT RECOVERY SYSTEMS (608)		19	4	76	
RFS BREDA 650 HVAC REFRESHER 24 4 96 RFS SIEMENS 2000 HVAC 64 4 256 RFS 2-WEEK RAIL INTRODUCTION 80 2 160 RFS SIEMENS 2000 PANTOGRAPH 8 4 32 RFS SIEMENS 2000 DOOR CONTROLS 40 4 160 Other Instruction Activities Total RFS Instruction for the month of August 2015 (Hours): 2,492 Other Instruction Activities 80 A650 Curriculum, Administrative, and Technical Support 80 P865\P2020 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 40 P60 40		16	4	64	
RFS SIEMENS 2000 HVAC 64 4 256 RFS 2-WEEK RAIL INTRODUCTION 80 2 160 RFS SIEMENS 2000 PANTOGRAPH 8 4 32 Total Green Line Training (Hours): 844 Total RFS Instruction for the month of August 2015 (Hours): 2,492 Other Instruction Activities A650 Curriculum, Administrative, and Technical Support 80 P865\P2020 Curriculum, Administrative, and Technical Support 40 P2000 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 40 Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 60	, ,	24	4	96	
RFS SIEMENS 2000 PANTOGRAPH RFS SIEMENS 2000 DOOR CONTROLS Total Green Line Training (Hours): Total RFS Instruction for the month of August 2015 (Hours): 2,492	RFS SIEMENS 2000 HVAC	64	4	256	
RFS SIEMENS 2000 PANTOGRAPH RFS SIEMENS 2000 DOOR CONTROLS Total Green Line Training (Hours): Total RFS Instruction for the month of August 2015 (Hours): 2,492	RFS 2-WEEK RAIL INTRODUCTION	80	2	160	
Total Green Line Training (Hours): Total RFS Instruction for the month of August 2015 (Hours): 2,492 Other Instruction Activities		8	4		
Total RFS Instruction for the month of August 2015 (Hours): 2,492 Other Instruction Activities A650 Curriculum, Administrative, and Technical Support 80 P865\P2020 Curriculum, Administrative, and Technical Support 40 P2000 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation 40 Core Vehicle Training Completed: BLUE RED GREEN 9 Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66					
Other Instruction Activities A650 Curriculum, Administrative, and Technical Support P865\P2020 Curriculum, Administrative, and Technical Support P2000 Curriculum, Administrative, and Technical Support P2550 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation Total Other Instruction Activities Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	Total Green Line	Training	(Hours):	844	-
A650 Curriculum, Administrative, and Technical Support P865\P2020 Curriculum, Administrative, and Technical Support P2000 Curriculum, Administrative, and Technical Support P2550 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation Total Other Instruction Activities Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 6	Total RFS Instruction for the month of Aug	ust 2015	(Hours):	2,492	
P865\P2020 Curriculum, Administrative, and Technical Support 40 P2000 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	Other Instruction Activities				
P865\P2020 Curriculum, Administrative, and Technical Support 40 P2000 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	ACCO Curriculum Administrative and Technical Current			90	
P2000 Curriculum, Administrative, and Technical Support 40 P2550 Curriculum, Administrative, and Technical Support 40 P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	•••				
P2550 Curriculum, Administrative, and Technical Support P3010 Curriculum, Administrative, and Technical Support Instructor Vacation Total Other Instruction Activities Core Vehicle Training Completed: BLUE RED GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 65	P865\P2020 Curriculum, Administrative, and Technical Support			40	
P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation 40 Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN 9 Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	P2000 Curriculum, Administrative, and Technical Support			40	
P3010 Curriculum, Administrative, and Technical Support 160 Instructor Vacation 40 Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN 9 Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 66	P2550 Curriculum, Administrative, and Technical Support			40	
Instructor Vacation 40 Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN GREEN Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 600	•••				
Total Other Instruction Activities 400 Core Vehicle Training Completed: BLUE RED GREEN G Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 6					
Core Vehicle Training Completed: BLUE RED GREEN Complete: 76.6% 96.8% 82.3% 6	Instructor vacation			40	
Percentage of core vehicle training complete: 76.6% 96.8% 82.3% 6	<u>Total Other Instruction Activities</u>	<u>s</u>		<u>400</u>	
	Core Vehicle Training Completed:	BLUE	<u>RED</u>	<u>GREEN</u>	GOL
					68.5
Average Specialist Rail Experience Level in Years: 11.0 11.6 8.3					7.2

Core Training Completed 100.0% 90.0% 80.0% 70.0% 60.0% 50.0% 40.0% 30.0% 20.0% 10.0% 0.0% Jan-15 Aug-15 Feb-15 Mar-15 Jul-15 - Red Line (Breda A650) - Blue Line (Nippon Shanyo P865/2020) Blue Line (Siemens P2000) — Green Line (Siernens P2000) Gold Line (Ansaldo Breda P 2550)