

# Rail Fleet Services Monthly Report November 2015



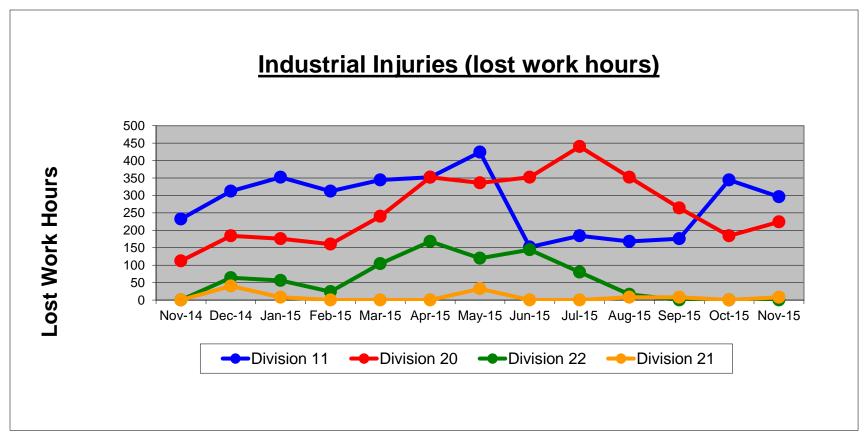
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# Industrial Injuries – Lost Work Hours November 2014-2015

	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	13-Month Period
Division 11	232	312	352	312	344	352	424	152	184	168	176	344	296	3,648
Division 20	112	184	176	160	240	352	336	352	440	352	264	184	224	3,376
Division 22	0	64	56	24	104	168	120	144	80	16	0	0	0	776
Division 21	0	40	8	0	0	0	32	0	0	8	8	0	8	104
Totals	344	600	592	496	688	872	912	648	704	544	448	528	528	7,904





# Rail Vehicle Accidents & Major Incidents November 2014-2015

Repair Costs	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	13-Month Period
Blue/Expo Line	\$5,762	\$3,463	\$9,301	\$17,834	\$17,322	\$12,056	\$1,655	\$4,811	\$5,716	\$1,971	\$2,838	\$40,969	\$65,454	\$189,152
Red/Purple Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Green Line	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$5,333	\$0	\$1,205	\$0	\$6,538
Gold Line	\$0	\$5,664	\$0	\$315	\$0	\$0	\$4,833	\$1,494	\$8,204	\$2,611	\$0	\$1,074	\$1,547	\$25,742
Totals	\$5,762	\$9,127	\$9,301	\$18,149	\$17,322	\$12,056	\$6,488	\$6,305	\$13,920	\$9,915	\$2,838	\$43,248	\$67,001	\$221,432

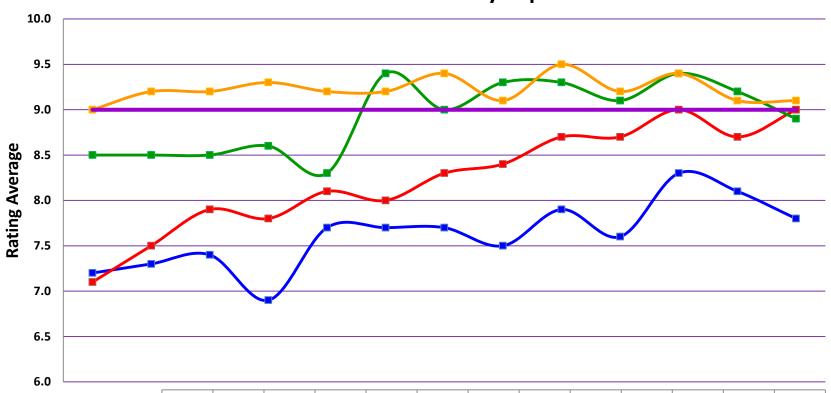
Date	Incident #	Problem Code	Incident Description	Rep	air Cos
etro Blue/Ex	cpo Line		·		
11/11/15	2661966	Train vs. Vehicle	A 10-73 was reported. Train made contact with the vehicle at the intersection of Washington and Olive.	\$	1,17
11/13/15	2662818	Train vs. Vehicle	A 10-73 was reported. Train 120, at Flower and 18th St.	\$	780
11/14/15	2662919	Train vs. Vehicle	A 10-73 was reported. Train 110, Track 4 and USC Watt Way.	\$	15,996
11/16/15	2663618	Train vs. Vehicle	A 10-73 was reported. Train 111, at 20th St. and Long Beach.	\$	313
11/23/15	2666119	Train vs. Vehicle	A 10-73 was reported. Train 110, Track 2 at 119th St.	\$	47,19
			Total	\$	65,45
etro Gold Li	ne				
11/3/15	2658704	Train vs. Vehicle	A 10-73 was reported. Train 403, Track 2 at 3rd St. and Mednic.	\$	1,547
11/5/15	2659396	Train vs. Object	A 10-71 was reported. Debris on the track.	\$	-
			Total	\$	1,547
	_		Grand Total	\$	67,00°

**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.



### Rail Vehicle – Car Cleanliness November 2014-2015

### **Car Cleanliness Monthly Report**



	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
—■ Div 11 Blue/Expo	7.2	7.3	7.4	6.9	7.7	7.7	7.7	7.5	7.9	7.6	8.3	8.1	7.8
—■ Div 20 Red/Purple	7.1	7.5	7.9	7.8	8.1	8.0	8.3	8.4	8.7	8.7	9.0	8.7	9.0
—■—Div 22 Green	8.5	8.5	8.5	8.6	8.3	9.4	9.0	9.3	9.3	9.1	9.4	9.2	8.9
——Div 21 Gold	9.0	9.2	9.2	9.3	9.2	9.2	9.4	9.1	9.5	9.2	9.4	9.1	9.1
Rail Goal	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0



### Service Delivery November 2015

#### **November 2015 - Service Delivery**

#### Blue/Expo Line Fleet Size: 92

<u>'ull Out</u>	Vehicles Required	<u> Average Available</u>	<u>% Up (Down)</u>
Veekday:	78	76	97%
Veekend:	60	63	105%

Late Pullouts: 2

Monthly Mileage: 579,811

#### Red/Purple Line Fleet Size: 104

Pull Out	Vehicles Required	Average Available	% Up (Down)
Weekday:	74	78	105%
Weekend:	54	70	130%

Late Pullouts: 0

Monthly Mileage: 582,490

#### **Green Line Fleet Size: 29**

Pull Out	Vehicles Required	Average Available	% Up (Down)
Weekday:	22	22	100%
Weekend:	14	16	114%

Late Pullouts: 0

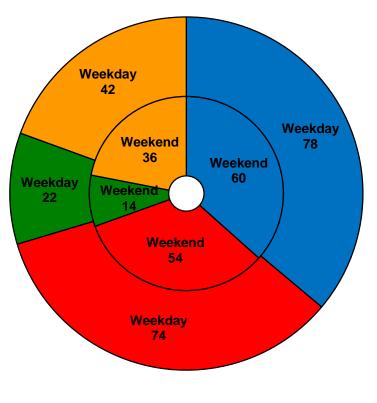
Monthly Mileage: 214,006

#### **Gold Line Fleet Size: 50**

Pull Out	Vehicles Required	Average Available	% Up (Down)
Weekday:	42	42	100%
Weekend:	36	39	108%

Late Pullouts: 0

Monthly Mileage\*: 312,298



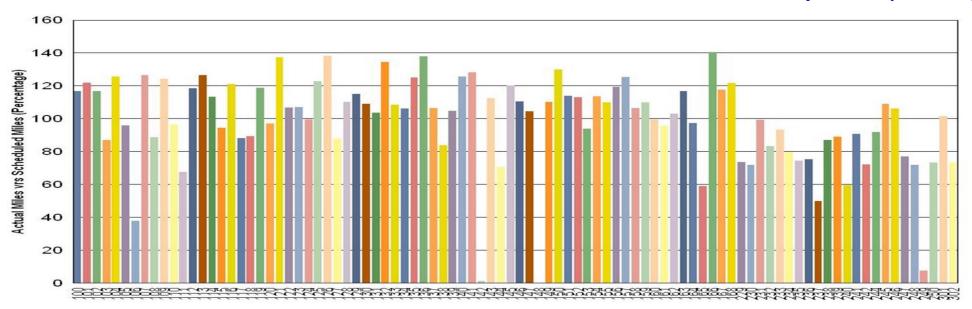




<sup>\*</sup> Gold Line monthly mileage includes Division 21 and 24.

# Vehicle Utilization November 2015

#### **Metro Blue/Expo Line (92 Cars)**



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

Car # 106 Major Roof Repair, Articulation Floor Overhaul, and Graffiti Abatement

Car # 142 Long Term Major Accident Repair

Car # 148 Troubleshooting for Repeating Propulsion Faults/Dynamic Brake Faults. Training car.

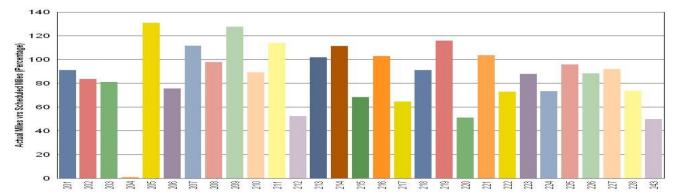
Car # 249 90K Inspection and Open Work Orders.

#### **Metro Green Line (29 Cars)**

**Green Line:** The following car was out of service due to:

Car # 204 Propulsion Issues and A-B End Blower Motor Noise





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# Vehicle Utilization November 2015

#### **Metro Red/Purple Line (104 Cars)**

#### **Red/Purple Line:**

The following cars were out of service due to:

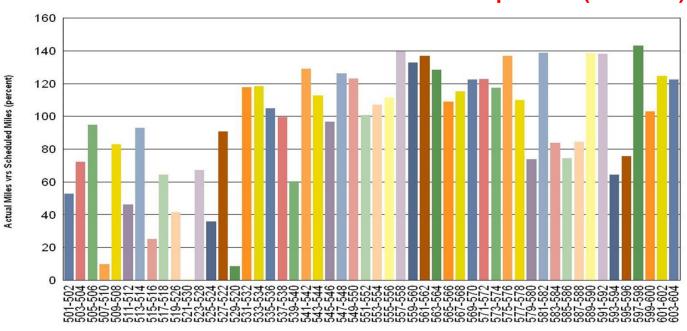
Car # 507-510 HVAC/Propulsion

**Car # 515-516** Propulsion

Car # 521-530 Traction Motors/Trucks.

Car # 525-524 Flooring Campaign

Car # 529-520 Traction Motors

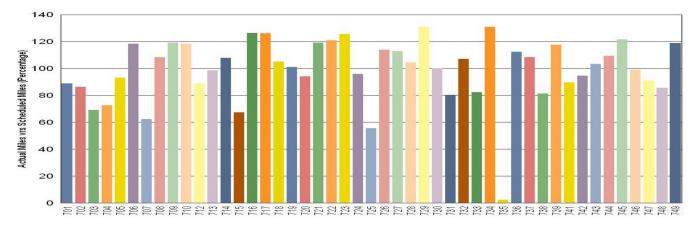


#### **Metro Gold Line (50 Cars)**

#### **Gold Line:**

The following car was out of service due to:

Car # 735 Repair of the Auxiliary Inverter

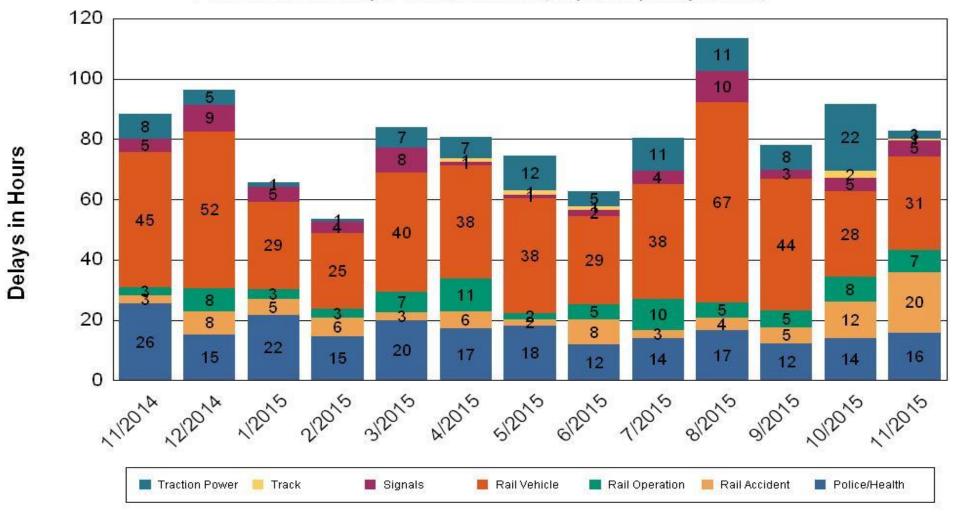




# All Train Delays (Hours) November 2014-2015

### **All Train Delays**

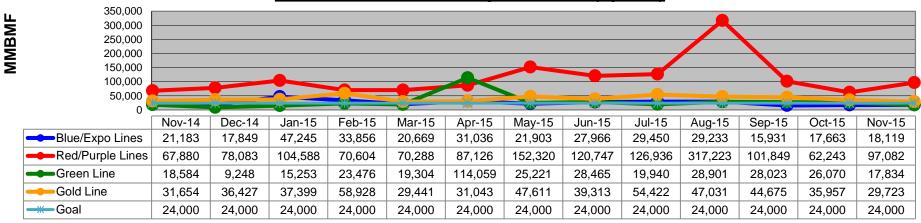
Totals Include the delay to all trains involved (not just the primary incident)





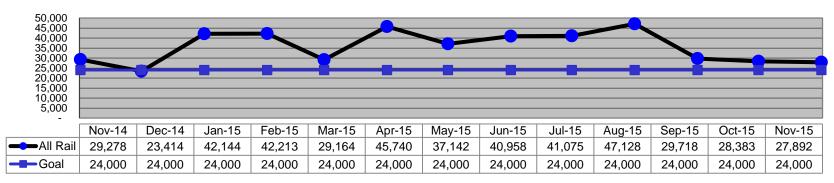
# Mean Miles Between Failures (Major) November 2014-2015

#### Mean Miles Between Major Failures (by line)



#### Mean Miles Between Major Failures (all)

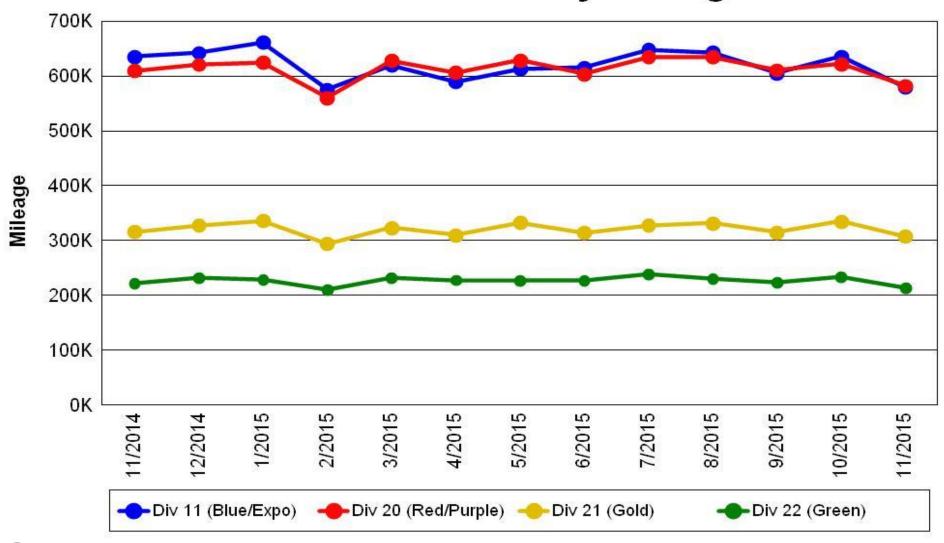
**MMBMF** 





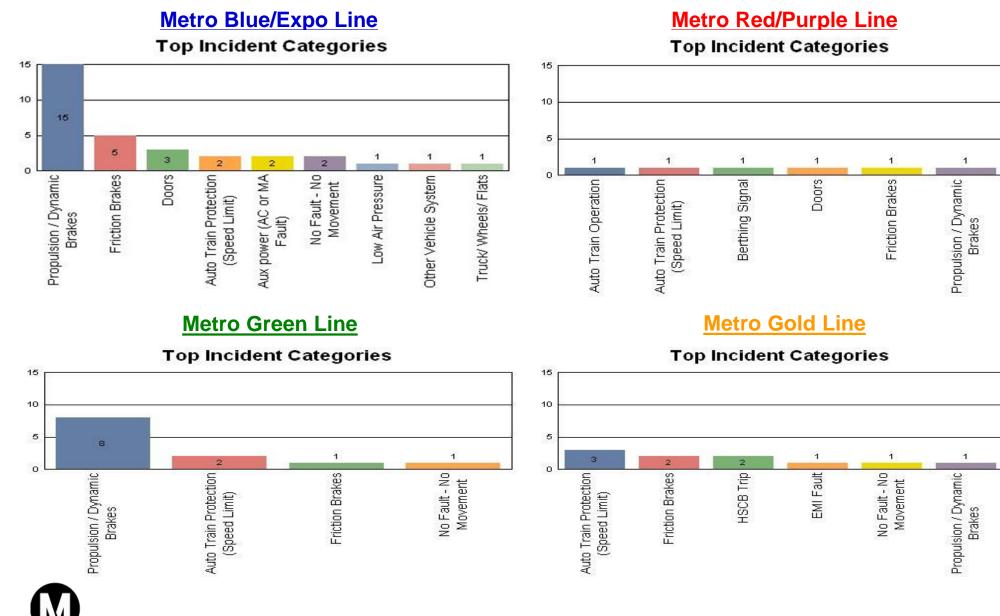
# Mileage Between Data Range (by month) November 2014-2015

## **Rail Division Monthly Mileage**





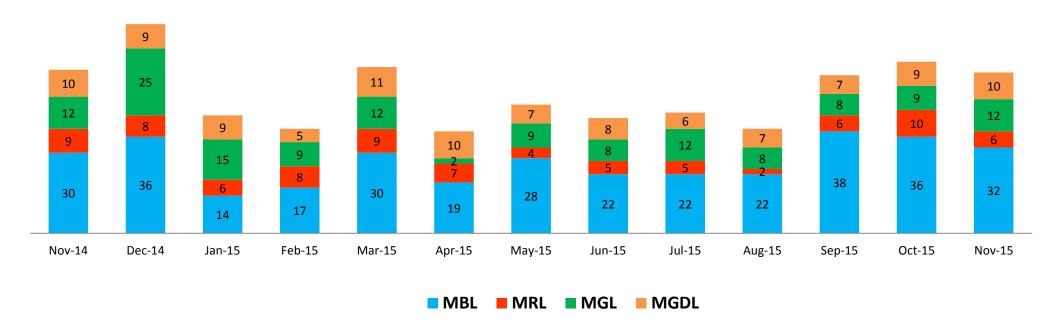
# Top Incident Categories November 2015



Metro

# Major Incidents November 2014-2015

### **Numbers of Major System Failures (by Line)**



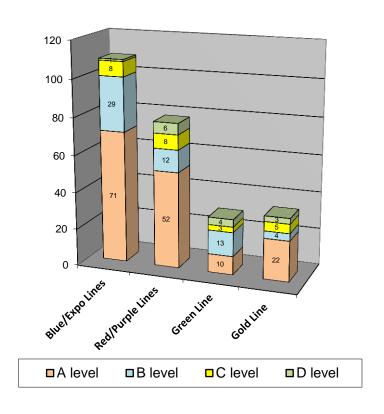


### Preventive Maintenance Compliance November 2014-2015

PM Compliance	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-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%	97%	100%	100%	100%	100%	100%	100%	100%
Green Line	97%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	93%
Gold Line	100%	100%	100%	100%	100%	100%	100%	96%	100%	100%	100%	94%	100%

Number of Preve	ntive Maint	enance In	spections -	November	2015
Line	A level	B level	C level	D level	Totals
Blue/Expo Lines	71	29	8	1	109
Red/Purple Lines	52	12	8	6	78
Green Line	10	13	3	4	30
Gold Line	22	4	5	3	34
Totals:	155	58	24	14	251

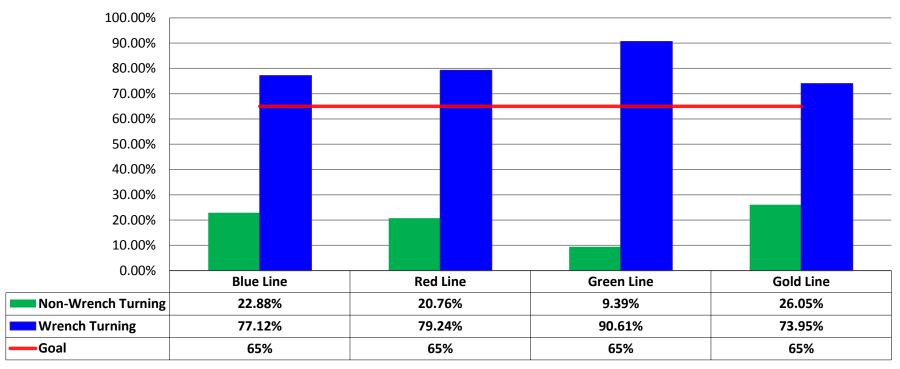
Explanation of Pl	M Inspection levels	Miles							
Line	Туре	A level	B level	C level	D level				
Blue/Expo Lines	P865/P2020	5,000	15,000	30,000	60,000				
Blue/Expo Lines	P2000	7,500	22,500	45,000	90,000				
Red/Purple Lines	A650	7,500	22,500	45,000	90,000				
Green Line	P2000	7,500	22,500	45,000	90,000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





# RFS Leader Wrench Turning November 2015

RFS - Leader Wrench Turning
November 2015

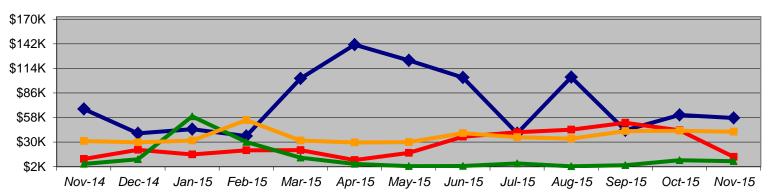


Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader



### Vandalism & Graffiti Report November 2014-2015

						Graffi	ti Costs							
	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	13-Month Period
Blue/Expo Line	\$68K	\$40K	\$45K	\$37K	\$103K	\$141K	\$123K	\$104K	\$40K	\$104K	\$43K	\$61K	\$58K	\$965K
Red/Purple Line	\$11K	\$21K	\$16K	\$21K	\$21K	\$9K	\$18K	\$36K	\$41K	\$44K	\$52K	\$43K	\$13K	\$347K
Green Line	\$5K	\$10K	\$59K	\$30K	\$12K	\$5K	\$3K	\$3K	\$6K	\$2K	\$4K	\$9K	\$8K	\$157K
Gold Line	\$31K	\$30K	\$32K	\$55K	\$32K	\$30K	\$30K	\$40K	\$36K	\$34K	\$42K	\$43K	\$42K	\$476K
Totals:	\$115K	\$102K	\$152K	\$143K	\$167K	\$185K	\$173K	\$183K	\$123K	\$185K	\$142K	\$156K	\$121K	\$1,946K



→ Blue/Expo Line → R	ed/Purple Li	ne	Gree	n Lin	e <del></del> G	iold	Line
November 201	l5 Vandali	sm &	& Graffiti -	AII	Rail	_	
	Qty		Labor	M	aterials		Totals
Windows Replaced	158	\$	19,656	\$	26,559	\$	46,215
Vandal Shields Replaced	366	\$	9,324	\$	9,777	\$	19,101
Seats Cleaned	580	\$	4,964	\$	1,764	\$	6,728
Seats Inserts Replaced	174	\$	5,481	\$	5,948	\$	11,429
Graffiti Removal - Other	807	\$	20,061	\$	8,133	\$	28,194
Repainting Panels	293	\$	9,230	\$	-	\$	9,230
Totals	2,378	\$	68,716	\$	52,181	\$	120,897



# **Graffiti Pictures November 2015**

### **Blue Line**



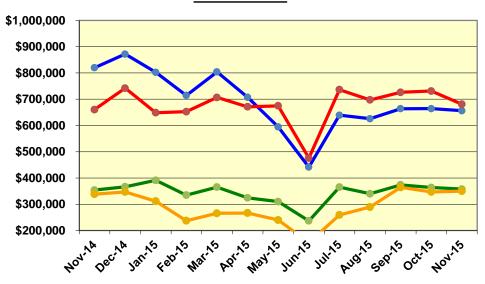


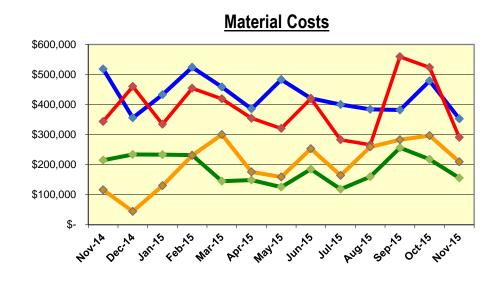




### Labor and Material Costs November 2014-2015

#### **Labor Costs**





	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15		May-15	Jun-15*	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15
						L	.ab	or Costs						
Blue/Expo Lines	\$ 819,497	\$ 871,682	\$ 802,256	\$ 714,349	\$ 803,757	\$ 707,348	\$	594,550	\$ 441,364	\$ 638,967	\$ 625,577	\$ 663,752	\$ 663,965	\$ 656,195
Red/Purple Lines	\$ 660,321	\$ 741,908	\$ 648,538	\$ 652,406	\$ 706,794	\$ 671,084	\$	674,681	\$ 475,810	\$ 736,269	\$ 697,095	\$ 726,107	\$ 731,128	\$ 680,629
Green Line	\$ 354,058	\$ 366,422	\$ 391,161	\$ 334,919	\$ 365,457	\$ 324,550	\$	310,181	\$ 236,931	\$ 365,229	\$ 340,115	\$ 373,698	\$ 363,868	\$ 357,622
Gold Line	\$ 338,610	\$ 347,182	\$ 311,868	\$ 237,438	\$ 265,835	\$ 266,529	\$	240,056	\$ 154,498	\$ 259,228	\$ 289,571	\$ 364,544	\$ 347,072	\$ 350,038
Totals	\$ 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	\$ 2,128,101	\$ 2,106,033	\$ 2,044,483

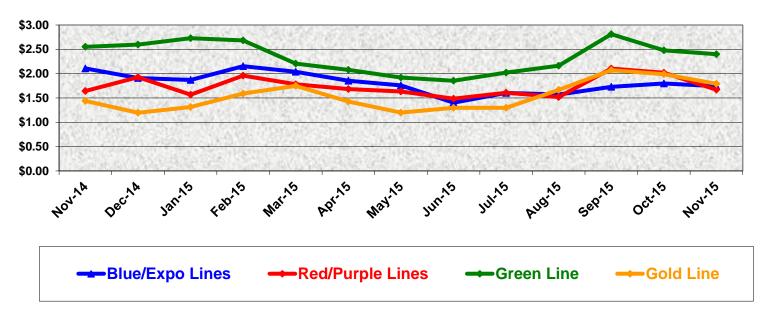
						Ma	ate	rial Costs						
Blue/Expo Lines	\$ 518,334	\$ 355,729	\$ 433,347	\$ 524,157	\$ 458,588	\$ 385,794	\$	483,368	\$ 421,088	\$ 400,315	\$ 384,178	\$ 382,274	\$ 478,960	\$ 352,710
Red/Purple Lines	\$ 343,936	\$ 460,076	\$ 334,623	\$ 454,326	\$ 419,099	\$ 354,492	\$	320,754	\$ 420,042	\$ 282,744	\$ 266,405	\$ 559,179	\$ 523,558	\$ 290,721
Green Line	\$ 214,902	\$ 234,118	\$ 233,318	\$ 231,562	\$ 144,927	\$ 148,839	\$	125,054	\$ 185,086	\$ 118,559	\$ 159,916	\$ 256,185	\$ 217,820	\$ 155,914
Gold Line	\$ 116,179	\$ 44,498	\$ 130,036	\$ 230,896	\$ 300,170	\$ 175,922	\$	159,016	\$ 253,284	\$ 163,954	\$ 258,793	\$ 282,958	\$ 296,684	\$ 209,546
Totals	\$ 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	\$ 1,480,596	\$ 1,517,022	\$ 1,008,891



### Cost Per Mile November 2014-2015

Cost per mile:	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15	Jul-15	Aug-15	Sep-15	Oct-15	Nov-15	Average
Blue/Expo Lines	\$2.11	\$1.91	\$1.87	\$2.15	\$2.04	\$1.85	\$1.76	\$1.40	\$1.60	\$1.57	\$1.73	\$1.80	\$1.74	\$1.81
Red/Purple Lines	\$1.64	\$1.92	\$1.57	\$1.96	\$1.78	\$1.68	\$1.63	\$1.48	\$1.61	\$1.52	\$2.10	\$2.02	\$1.67	\$1.74
Green Line	\$2.55	\$2.60	\$2.73	\$2.68	\$2.20	\$2.08	\$1.92	\$1.85	\$2.02	\$2.16	\$2.81	\$2.48	\$2.40	\$2.34
Gold Line	\$1.44	\$1.19	\$1.31	\$1.59	\$1.75	\$1.43	\$1.20	\$1.30	\$1.30	\$1.67	\$2.07	\$1.99	\$1.79	\$1.54

### **Cost per Mile**





### ATU Absences vs. Overtime November 2015

	3941 & 3947	3942	3943	3944	Total
ABSENCE TYPE and HOURS	Blue & Expo	Red	Green	Gold	i Otai
AWP-ABSENT W/O PERMISSION	_	-	18	_	18
BER-BEREAVEMENT	80	24	16	24	144
CTO-COMPENSATORY TIME OFF	287	391	92	140	910
CUT-EMPLOYEE LEAVES EARLY	2	O	1	_	2
DSL-DISABILITY LEAVE/LONG	960	856	-	312	2,128
EFH-EMG. FLOAT HOL.	32	104	16	72	224
ETO-EXCUSED TIME OFF	100	30	6	28	164
FMI-FAM IND INJURY	_	112	-	_	112
FML-FAMILY CARE LEAVE	560	126	99	259	1,044
FMS-FAMILY LEAVE SICK	228	82	24	51	385
HLF-HOLIDAY FLOATING	464	312	148	184	1,108
HNP-HOLIDAY NOT PAID	_	16	-	16	32
HOL-HOLIDAY LEGAL	848	608	88	288	1,832
II-INDUSTRIAL INJURY	128	_	-	8	136
IIR-INDUS INJURY -REOCCUR.	_	56	-	_	56
IS-INVESTIGATIVE SUSPENSION	_	-	-	56	56
JUR-JURY DUTY	24	24	16	24	88
LC1-LABOR CODE 233	160	187	40	120	507
LTI-OCCPIL/LONGTRM INJ LEAVE	168	336	-	_	504
MLN-MILITARY ABSENCE-UNPAID	8	16	-	_	24
RTO-REQUESTED TIME OFF-NO PAY	16	_	4	_	20
SCK-SICK PAY	208	276	112	120	715
SCW-SICK WITHOUT PAY	32	24	24	17	97
TAR-TARDY	3	2	2	1	8
VAC-VACATION	1,136	1,065	340	692	3,232
VAS-VACATION WHILE SICK	_	124	_	_	124
TRAINING	624	520	640	464	2,248
Total Absence Hours	6,066	5,289	1,686	2,876	15,917
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	28%	29%	21%	35%	28%

OVERTIME TYPE and HOURS	3941 & 3947 Blue & Expo	3942 Red	3943 Green	3944 Gold	Total
CTB-COMPENSATORY TIME TO BANK	130	71	73	94	368
OTP-PREM OVERTIME	3,042	3,710	1,685	772	9,209
TRO OVERTIME	_	-	-	8	8
WLO-Worked Lunch Overtme	162	114	76	42	393
Total Overtime Hours	3,335	3,894	1,834	915	9,979
Overtime as a % of Work Force	15%	22%	23%	11%	18%

<sup>\*</sup>Training hours captured by Instruction Department are added to Absences report.



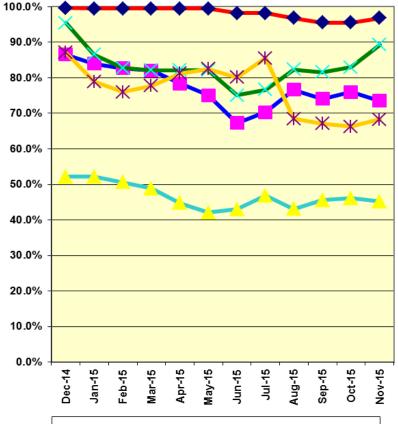
Note: Overtime also covers other required activities, including Training, Component Overhaul, and Special Events.

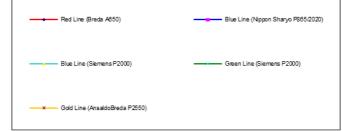
# RFS Instruction Department Activities November 2015

#### **Training classes completed during the month of November 2015**

A650 Curriculum, Administrative, and Technical Support  8 8 8 32 4 P865\P2020 Curriculum, Administrative, and Technical Support  80 20 60 16 P2000 Curriculum, Administrative, and Technical Support  40 8 32 8 P2550 Curriculum, Administrative, and Technical Support  16 8 8 3 P3010 Curriculum, Administrative, and Technical Support  140 16 156 33 Instructor Holidays  Total Other Instruction Activities	Description	Course Hours	Student Count	Training Hours	
RFS SIEMENS 2000 FRICTION BRAKES   48 6 288   66 336					
Total Blue Line Training (Hours):   624		40		000	
Total Blue Line Training (Hours):   624					
Red Line Training (Breda A650 HRV):   RFS BREDA 650 PROPULSION GE	RFS SIEMENS 2000 HVAC	56	О	330	
RFS BREDA 650 PROPULSION GE   40   5   200	Total Blu	e Line Training	(Hours):	624	
RFS BREDA 650 PROPULSION GE   40   5   200	Red Line Training (Breda A650 HRV):				
Total Red Line Training (Hours):   520	RFS BREDA 650 PROPULSION GE	40	5	200	
Total Red Line Training (Hours):   520	RFS BREDA 650 MTO SYSTEMS	24	5	120	
Sold Line Training (P2550 LRVs):   RFS ANSALDOBREDA 2550 IGHTING   12	RFS BREDA 650 VEHICLE INTRO	40	5	200	
RFS ANSALDOBREDA 2550 LIGHTING	Total Re	d Line Training	(Hours):	520	
RFS ANSALDOBREDA 2550 LIGHTING	Gold Line Training (P2550 LPVe):				
RFS ANSALDOBREDA 2550 PROPULSION		12	4	48	
Total Gold Line Training (Hours):   464					
Green Line Training (P2000 LRVs):           RFS SIEMENS 2000 PROPULSION         40         5         200           RFS SIEMENS 2000 T/B, SANDERS         8         5         40           RFS SIEMENS 2000 US&S ATP/ATO/TWC         48         5         240           RFS SIEMENS 2000 AUX. INVERTER         32         5         160    Total Green Line Training (Hours):  640  Total RFS Instruction for the month of November 2015 (Hours):  2,248  Other Instruction Activities  C A TS To  A650 Curriculum, Administrative, and Technical Support  8         8         32         4           P865\P2020 Curriculum, Administrative, and Technical Support  P2000 Curriculum, Administrative, and Technical Support  P2550 Curriculum, Administrative, and Technical Support  16         8         8         3         8           P2550 Curriculum, Administrative, and Technical Support  16         8         8         3         8         3         8         3         8         3         8         3         8         3         8         3         8         3         8         3         4         8         8         3         2         4         8         8         3         2         6         16         8         8         3         8         3         8         3         8         3         8					
Green Line Training (P2000 LRVs):           RFS SIEMENS 2000 PROPULSION         40         5         200           RFS SIEMENS 2000 T/B, SANDERS         8         5         40           RFS SIEMENS 2000 US&S ATP/ATO/TWC         48         5         240           RFS SIEMENS 2000 AUX. INVERTER         32         5         160    Total Green Line Training (Hours):  640  Total RFS Instruction for the month of November 2015 (Hours):  2,248  Other Instruction Activities  C A TS To  A650 Curriculum, Administrative, and Technical Support  8         8         32         4           P865\P2020 Curriculum, Administrative, and Technical Support  P2000 Curriculum, Administrative, and Technical Support  P2550 Curriculum, Administrative, and Technical Support  16         8         8         3         8           P2550 Curriculum, Administrative, and Technical Support  16         8         8         3         8         3         8         3         8         3         8         3         8         3         8         3         8         3         8         3         4         8         8         3         2         4         8         8         3         2         6         16         8         8         3         8         3         8         3         8         3         8	Total Cal	d Line Treining	(Uaa).	464	
RFS SIEMENS 2000 PROPULSION	i otal Gol	d Line Training	(nours):	404	
RFS SIEMENS 2000 T/B, SANDERS   8   5   40     RFS SIEMENS 2000 US&S ATP/ATO/TWC   48   5   240     RFS SIEMENS 2000 AUX INVERTER   32   5   160     Total Green Line Training (Hours):   640     Total RFS Instruction for the month of November 2015 (Hours):   2,248     Other Instruction Activities   C   A   TS   To     A650 Curriculum, Administrative, and Technical Support   8   8   32   4     P865\P2020 Curriculum, Administrative, and Technical Support   80   20   60   16     P2000 Curriculum, Administrative, and Technical Support   40   8   32   8     P2550 Curriculum, Administrative, and Technical Support   16   8   8   3     P2550 Curriculum, Administrative, and Technical Support   16   8   8   3     P3010 Curriculum, Administrative, and Technical Support   140   16   156   37     Instructor Holidays   Total Other Instruction Activities   75     Total Other Instruction Activities   75	Green Line Training (P2000 LRVs):				
Total Green Line Training (Hours):   640	RFS SIEMENS 2000 PROPULSION	40	5	200	
Total Green Line Training (Hours):  Total RFS Instruction for the month of November 2015 (Hours):  2,248  Other Instruction Activities  C A TS To  A650 Curriculum, Administrative, and Technical Support  P865/P2020 Curriculum, Administrative, and Technical Support  P2000 Curriculum, Administrative, and Technical Support  P2000 Curriculum, Administrative, and Technical Support  P2000 Curriculum, Administrative, and Technical Support  P2550 Curriculum, Administrative, and Technical Support  P2650 Curriculum, Administrative, and Technical Support  P2650 Curriculum, Administrative, and Technical Support  P2750 Curricul	RFS SIEMENS 2000 T/B, SANDERS	8	5	40	
Total Green Line Training (Hours): 640  Total RFS Instruction for the month of November 2015 (Hours): 2,248  Other Instruction Activities C A TS To  A650 Curriculum, Administrative, and Technical Support 8 8 8 32 4  P865\P2020 Curriculum, Administrative, and Technical Support 80 20 60 16  P2000 Curriculum, Administrative, and Technical Support 40 8 32 8  P2550 Curriculum, Administrative, and Technical Support 16 8 8 3  P3010 Curriculum, Administrative, and Technical Support 16 8 8 3  P3010 Curriculum, Administrative, and Technical Support 16 8 7  Instructor Holidays 75	RFS SIEMENS 2000 US&S ATP/ATO/TWC	48	5	240	
Total RFS Instruction for the month of November 2015 (Hours): 2,248  Other Instruction Activities C A TS To  A650 Curriculum, Administrative, and Technical Support 8 8 8 32 4  P865\P2020 Curriculum, Administrative, and Technical Support 80 20 60 16  P2000 Curriculum, Administrative, and Technical Support 40 8 32 8  P2550 Curriculum, Administrative, and Technical Support 16 8 8 3  P3010 Curriculum, Administrative, and Technical Support 16 8 8 3  P3010 Curriculum, Administrative, and Technical Support 140 16 156 33  Instructor Holidays 75	RFS SIEMENS 2000 AUX. INVERTER	32	5	160	
Other Instruction Activities       C       A       TS       To         A650 Curriculum, Administrative, and Technical Support       8       8       32       4         P865\P2020 Curriculum, Administrative, and Technical Support       80       20       60       16         P2000 Curriculum, Administrative, and Technical Support       40       8       32       8         P2550 Curriculum, Administrative, and Technical Support       16       8       8       3         P3010 Curriculum, Administrative, and Technical Support       140       16       156       3°         Instructor Holidays       16       16       16       16       16       3°	Total Gree	n Line Training	(Hours):	640	
A650 Curriculum, Administrative, and Technical Support  8 8 8 32 4 P865\P2020 Curriculum, Administrative, and Technical Support  80 20 60 16 P2000 Curriculum, Administrative, and Technical Support  40 8 32 8 P2550 Curriculum, Administrative, and Technical Support  16 8 8 3 P3010 Curriculum, Administrative, and Technical Support  140 16 156 33 Instructor Holidays  Total Other Instruction Activities	Total RFS Instruction for the month of N	November 2015	(Hours):	2,248	
P865\P2020 Curriculum, Administrative, and Technical Support 80 20 60 16 P2000 Curriculum, Administrative, and Technical Support 40 8 32 8 P2550 Curriculum, Administrative, and Technical Support 16 8 8 8 3 P3010 Curriculum, Administrative, and Technical Support 140 16 156 33 Instructor Holidays  Total Other Instruction Activities	Other Instruction Activities	С	Α	TS	Tot
P865\P2020 Curriculum, Administrative, and Technical Support 80 20 60 16 P2000 Curriculum, Administrative, and Technical Support 40 8 32 8 P2550 Curriculum, Administrative, and Technical Support 16 8 8 8 3 P3010 Curriculum, Administrative, and Technical Support 140 16 156 33 Instructor Holidays  Total Other Instruction Activities	A650 Curriculum, Administrative, and Technical Support	g	. 8	32	48
P2000 Curriculum, Administrative, and Technical Support 40 8 32 8 P2550 Curriculum, Administrative, and Technical Support 16 8 8 3 P3010 Curriculum, Administrative, and Technical Support 140 16 156 3 Instructor Holidays  Total Other Instruction Activities 75					160
P2550 Curriculum, Administrative, and Technical Support 16 8 8 3 P3010 Curriculum, Administrative, and Technical Support 140 16 156 33 Instructor Holidays  Total Other Instruction Activities 75	· · · · · · · · · · · · · · · · · · ·				80
P3010 Curriculum, Administrative, and Technical Support 140 16 156 31 Instructor Holidays  Total Other Instruction Activities 75					32
Instructor Holidays  Total Other Instruction Activities 75	the state of the s				312
			,,	.50	160
Core Vehicle Training Completed: BLUE RED GREEN GO	Total Other Instruction Ac	ctivities_			<u>79</u> 2
	Core Vehicle Training Com	nleted: BLUF	RFD	GREEN	GOL

# Core Training Completed





Variations caused by new hires, employee transfers, & training completed