

# Rail Fleet Services Monthly Report May 2015



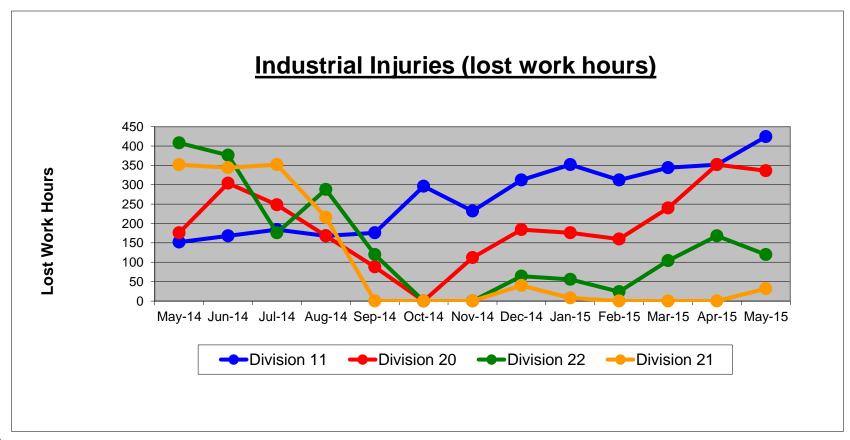
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# Industrial Injuries – Lost Work Hours May 2014-2015

|                    | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | 13-Month<br>Period |
|--------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| Division 11        | 152    | 168    | 184    | 168    | 176    | 296    | 232    | 312    | 352    | 312    | 344    | 352    | 424    | 3,472              |
| Division 20        | 176    | 304    | 248    | 168    | 88     | 0      | 112    | 184    | 176    | 160    | 240    | 352    | 336    | 2,544              |
| <b>Division 22</b> | 408    | 376    | 176    | 288    | 120    | 0      | 0      | 64     | 56     | 24     | 104    | 168    | 120    | 1,904              |
| <b>Division 21</b> | 352    | 344    | 352    | 216    | 0      | 0      | 0      | 40     | 8      | 0      | 0      | 0      | 32     | 1,344              |
| Totals             | 1,088  | 1,192  | 960    | 840    | 384    | 296    | 344    | 600    | 592    | 496    | 688    | 872    | 912    | 9,264              |





# Rail Vehicle Accidents & Major Incidents May 2014-2015

| Repair Costs    | May-14  | Jun-14   | Jul-14   | Aug-14  | Sep-14   | Oct-14   | Nov-14  | Dec-14  | Jan-15  | Feb-15   | Mar-15   | Apr-15   | May-15  | 13-Month<br>Period |
|-----------------|---------|----------|----------|---------|----------|----------|---------|---------|---------|----------|----------|----------|---------|--------------------|
| Blue/Expo Line  | \$9,463 | \$9,964  | \$1,528  | \$207   | \$42,690 | \$12,945 | \$5,762 | \$3,463 | \$9,301 | \$17,834 | \$17,322 | \$12,056 | \$1,655 | \$144,190          |
| Red/Purple Line | \$0     | \$0      | \$0      | \$0     | \$0      | \$4,194  | \$0     | \$0     | \$0     | \$0      | \$0      | \$0      | \$0     | \$4,194            |
| Green Line      | \$0     | \$0      | \$0      | \$0     | \$0      | \$267    | \$0     | \$0     | \$0     | \$0      | \$0      | \$0      | \$0     | \$267              |
| Gold Line       | \$0     | \$5,860  | \$50,059 | \$1,669 | \$0      | \$0      | \$0     | \$5,664 | \$0     | \$315    | \$0      | \$0      | \$4,833 | \$68,400           |
| Totals          | \$9,463 | \$15,824 | \$51,587 | \$1,876 | \$42,690 | \$17,406 | \$5,762 | \$9,127 | \$9,301 | \$18,149 | \$17,322 | \$12,056 | \$6,488 | \$217,051          |

| Date      | Incident # | Problem Code      | Incident Description   | Repair Cos |       |  |
|-----------|------------|-------------------|--|------------|-------|--|
| etro Blue | /Expo Line |                   |  |            |       |  |
| 5/3/15    | 2590655    | Train vs. Vehicle | A 10-73 was reported. Train 107 at the intersection of Flower and 18th Street, Track 2, Southbound.                                      | \$         | 1,426 |  |
| 5/8/15    | 2592668    | Train vs. Vehicle | A 10-73 was reported. Train 107 at Long Beach Blvd. and 3rd Street, Track 2, Southbound. Auto turned in front of train causing accident. | \$         | 229   |  |
|           |            |                   | Total  | \$         | 1,655 |  |
| etro Gold | l Line     |                   |  |            |       |  |
| 5/17/15   | 2595656    | Train vs. Vehicle | A 10-73 was reported. Train 411 at Mc Donnell and 3rd Street. Track 1, Northbound.   | \$         | 4,833 |  |
|           |            |                   | Total  | \$         | 4,833 |  |
|           |            |                   | Grand Total  | \$         | 6,488 |  |

**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 May 2015

#### May 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                | 61                | 102%               |

Late Pullouts: 0

Monthly Mileage: 613,271

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

| Pull Out | Vehicles Required | Average Available | % Up (Down) |
|----------|-------------------|-------------------|-------------|
| Weekday: | 74                | 76                | 103%        |
| Weekend: | 54                | 64                | 119%        |

Late Pullouts: 0

Monthly Mileage: 609,280

#### **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: 226,985

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

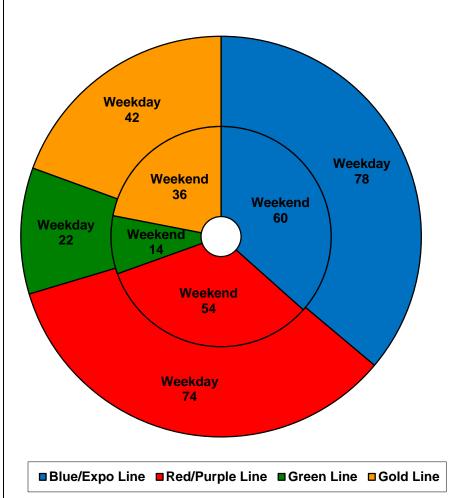
| Pull Out | Vehicles Required | Average Available | % Up (Down) |
|----------|-------------------|-------------------|-------------|
| Weekday: | 42                | 42                | 100%        |
| Weekend: | 36                | 40                | 111%        |

Late Pullouts: 0

Monthly Mileage: 333,276

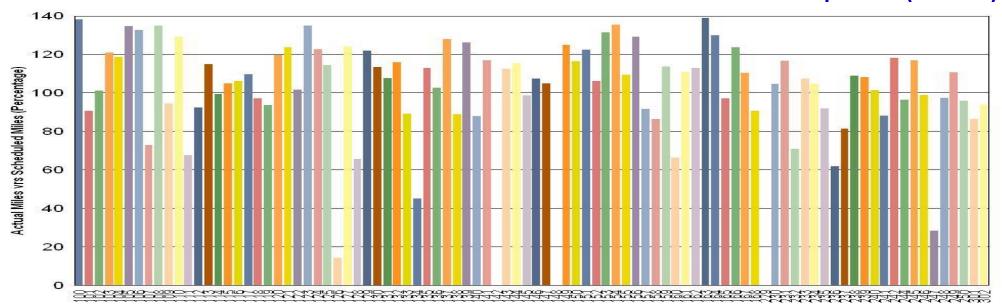
\*Two cars are out on the Foothill Gold Line extension to Azusa for testing.





# Vehicle Utilization May 2015

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



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

Car # 126 Being used at Expo II for Acceptance Testing

Car # 142 Accident Repair

Car # 148 Repair and Training Car

Car # 229 Interior and Exterior Painting

Car # 247 Repair and Training Car

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

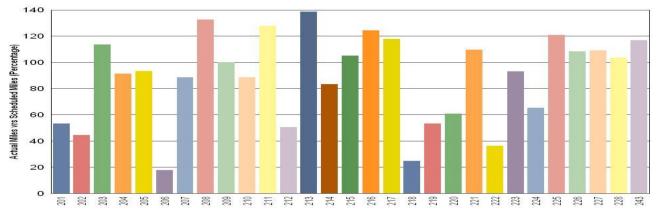
Car # 206 EMI / HSCB Fault Troubleshooting

Car # 218 Exterior Paint/Body Rehab

Car # 222 90K Inspection



#### Metro Green Line (29 Cars)



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# Vehicle Utilization May 2015

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

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

The following cars were out of service due to:

Car # 511-512 Trucks Repair

Car # 515-516 Trucks Repair

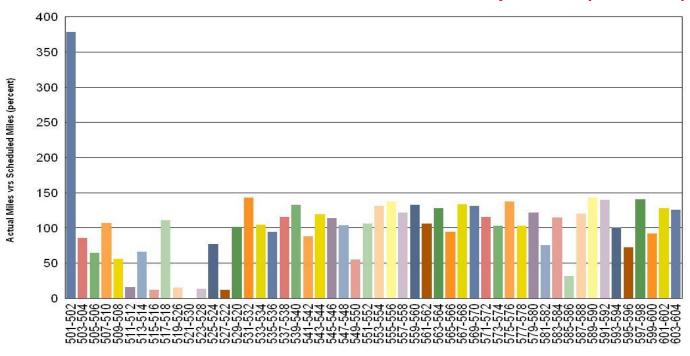
Car # 519-526 Trucks Repair

Car # 521-530 Trucks Repair & Traction Motor

Car # 523-528 Trucks Repair

Car # 527-522 Trucks Repair

Car # 585-586 Propulsion Fault



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

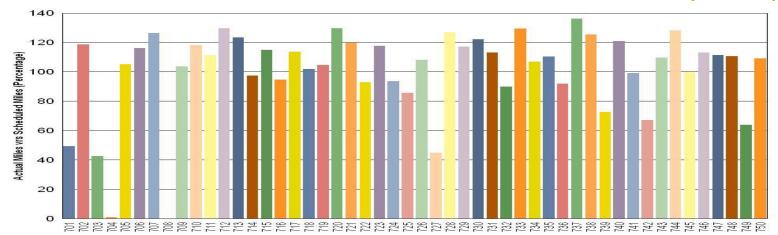
#### **Gold Line:**

The following cars were out of service due to:

**Car # 704** Perform Testing at Monrovia

Car # 708 Perform Testing at Monrovia

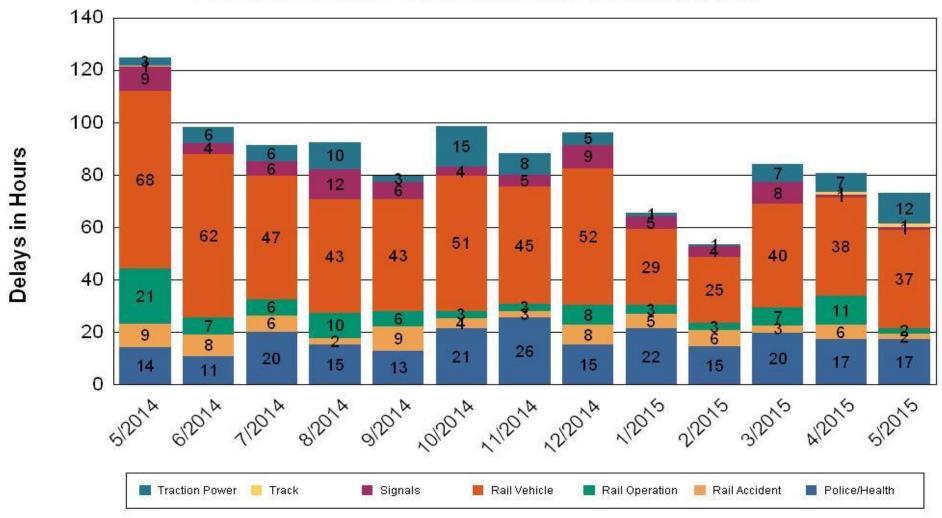




### All Train Delays (Hours) May 2014-2015

### **All Train Delays**

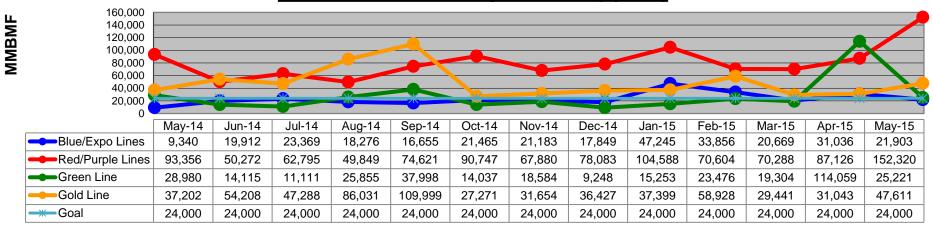
Totals Include the delay to all trains involved (not just the primary incident)



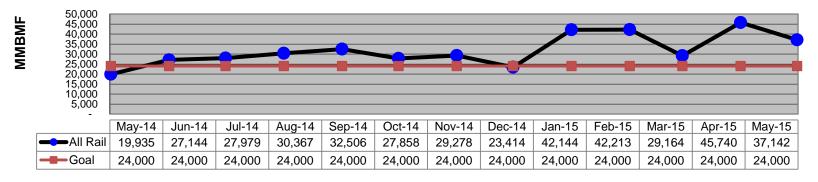


### Mean Miles Between Failures (Major) May 2014-2015

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



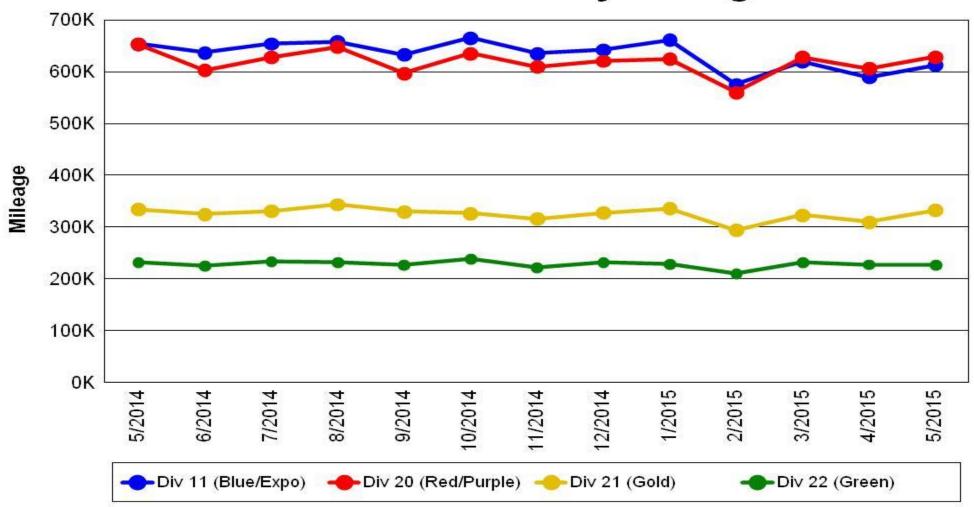
#### Mean Miles Between Major Failures (all)





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

### Rail Division Monthly Mileage

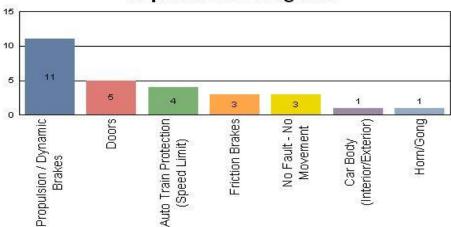




# Top Incident Categories May 2015

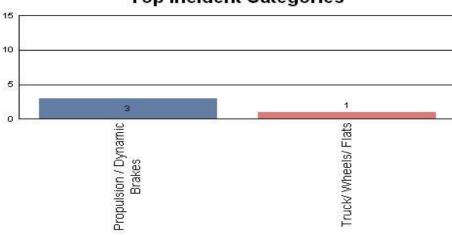
#### **Metro Blue/Expo Line**

#### **Top Incident Categories**



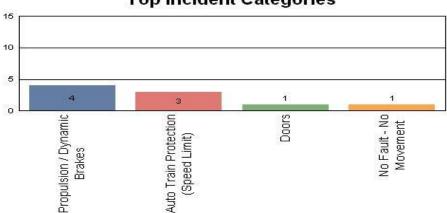
#### **Metro Red/Purple Line**

#### **Top Incident Categories**



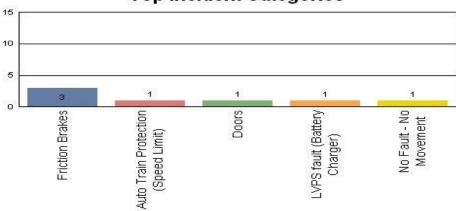
#### **Metro Green Line**

#### **Top Incident Categories**



#### **Metro Gold Line**

#### **Top Incident Categories**

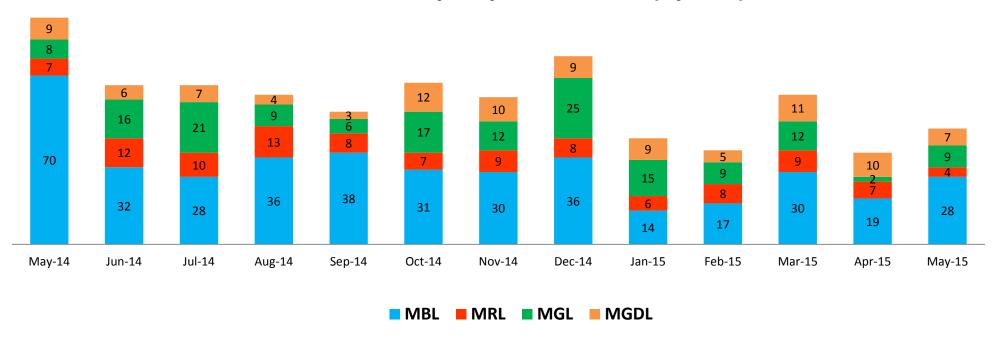




**Major Incident**: When a train does not complete its scheduled run or is more than 5 minutes late of its scheduled arrival time.

# **Major Incidents May 2014-2015**

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



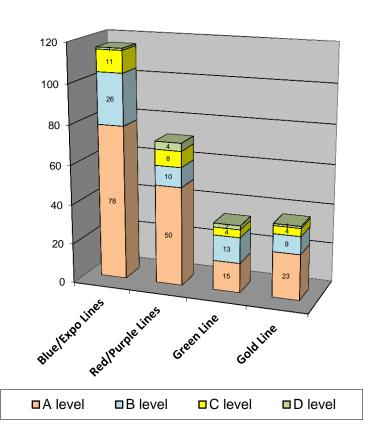


# Preventive Maintenance Compliance May 2014-2015

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

| Number of Pre    | Number of Preventive Maintenance Inspections - May 2015 |         |         |         |        |  |  |  |  |  |  |  |  |
|------------------|---|---------|---------|---------|--------|--|--|--|--|--|--|--|--|
| Line             | A level   | B level | C level | D level | Totals |  |  |  |  |  |  |  |  |
| Blue/Expo Lines  | 78  | 26      | 11      | 1       | 116    |  |  |  |  |  |  |  |  |
| Red/Purple Lines | 50  | 10      | 8       | 4       | 72     |  |  |  |  |  |  |  |  |
| Green Line       | 15  | 13      | 4       | 2       | 34     |  |  |  |  |  |  |  |  |
| Gold Line        | 23  | 9       | 4       | 1       | 37     |  |  |  |  |  |  |  |  |
| Totals:          | 166   | 58      | 27      | 8       | 259    |  |  |  |  |  |  |  |  |

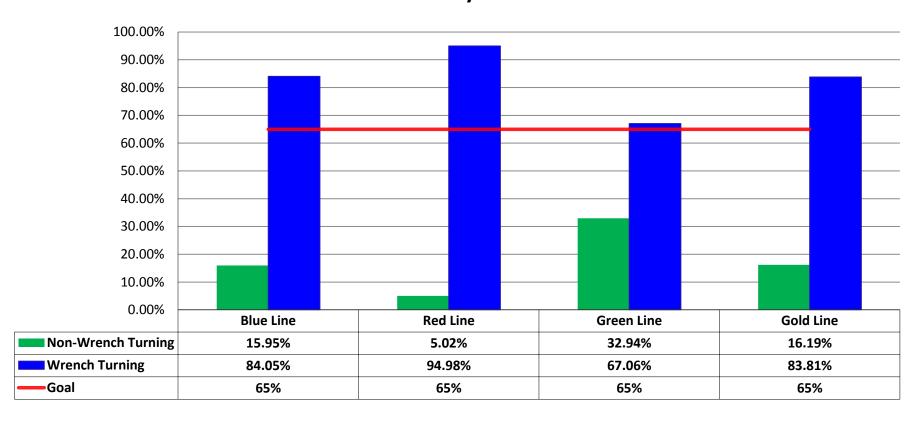
| Explanation of P | M Inspection levels |         | Miles   |         |         |  |  |  |  |  |  |
|------------------|---------------------|---------|---------|---------|---------|--|--|--|--|--|--|
| Line             | Туре                | A level | B level | C level | D level |  |  |  |  |  |  |
| 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 Wrench Turning May 2015

RFS - Wrench Turning May 2015



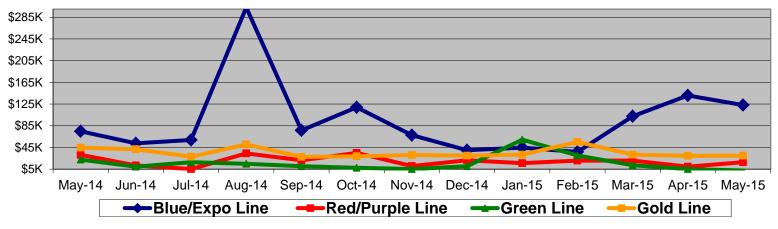
Notes: Labor hours contributed by Maint Specialist Leader, Rail Body/Paint Repair Leader, and Maint Specialist Temporary Leader



### Vandalism & Graffiti Report May 2014-2015

#### **Graffiti Costs**

|                 | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | 13-Month<br>Period |
|-----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------------------|
| Blue/Expo Line  | \$75K  | \$53K  | \$59K  | \$303K | \$77K  | \$119K | \$68K  | \$40K  | \$45K  | \$37K  | \$103K | \$141K | \$123K | \$1240K            |
| Red/Purple Line | \$32K  | \$12K  | \$5K   | \$34K  | \$22K  | \$35K  | \$11K  | \$21K  | \$16K  | \$21K  | \$21K  | \$9K   | \$18K  | \$256K             |
| Green Line      | \$22K  | \$9K   | \$18K  | \$15K  | \$10K  | \$8K   | \$5K   | \$10K  | \$59K  | \$30K  | \$12K  | \$5K   | \$3K   | \$208K             |
| Gold Line       | \$45K  | \$42K  | \$28K  | \$51K  | \$28K  | \$29K  | \$31K  | \$30K  | \$32K  | \$55K  | \$32K  | \$30K  | \$30K  | \$461K             |
| Totals:         | \$173K | \$116K | \$110K | \$402K | \$136K | \$190K | \$115K | \$102K | \$152K | \$143K | \$167K | \$185K | \$173K | \$2,165K           |



| May 2015 \               | /andalism | & G | raffiti - All | Rai | I        |               |
|--------------------------|-----------|-----|---------------|-----|----------|---------------|
|                          | Qty       |     | Labor         |     | aterials | Totals        |
| Windows Replaced         | 420       | \$  | 33,736        | \$  | 54,576   | \$<br>88,312  |
| Vandal Shields Replaced  | 1,032     | \$  | 20,989        | \$  | 22,537   | \$<br>43,526  |
| Seats Cleaned            | 544       | \$  | 810           | \$  | 4,032    | \$<br>4,842   |
| Seats Inserts Replaced   | 146       | \$  | 4,764         | \$  | 4,638    | \$<br>9,402   |
| Graffiti Removal - Other | 1,017     | \$  | 15,632        | \$  | 3,718    | \$<br>19,350  |
| Repainting Panels        | 250       | \$  | 7,875         | \$  | -        | \$<br>7,875   |
| Totals                   | 3,409     | \$  | 83,806        | \$  | 89,501   | \$<br>173,307 |



# **Graffiti Pictures May 2015**

### **Blue Line**

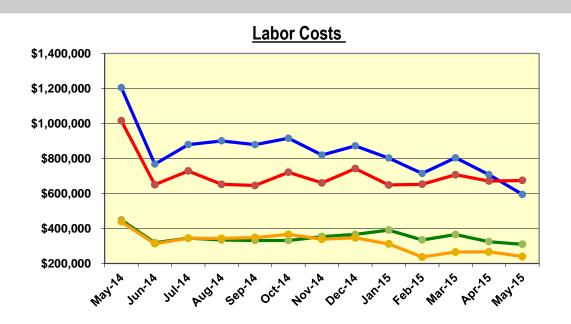


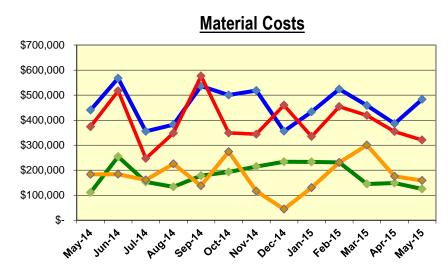
### **Green Line**





### Labor and Material Costs May 2014-2015





|                  | May-14          | Jun-14          | Jul-14          | Aug-14          | Sep-14          | Oct-14          |    | Nov-14     |    | Dec-14    | Jan-15          | Feb-15          | Mar-15          | Apr-15          | May-15          |
|------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|----|------------|----|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
|                  |                 |                 |                 |                 |                 |                 | 1  | Labor Cost | ·S |           |                 |                 |                 |                 |                 |
| Blue/Expo Lines  | \$<br>1,204,234 | \$<br>767,717   | \$<br>879,339   | \$<br>900,043   | \$<br>878,598   | \$<br>915,432   | \$ | 819,497    | \$ | 871,682   | \$<br>802,256   | \$<br>714,349   | \$<br>803,757   | \$<br>707,348   | \$<br>594,550   |
| Red/Purple Lines | \$<br>1,015,092 | 650,226         | \$<br>728,383   | \$<br>652,202   | \$<br>645,981   | \$<br>721,060   | \$ | 660,321    | \$ | 741,908   | \$<br>648,538   | \$<br>652,406   | \$<br>706,794   | \$<br>671,084   | 674,681         |
| Green Line       | \$<br>449,117   | \$<br>318,516   | \$<br>345,270   | \$<br>334,772   | \$<br>331,870   | \$<br>331,661   | \$ | 354,058    | \$ | 366,422   | \$<br>391,161   | \$<br>334,919   | \$<br>365,457   | \$<br>324,550   | \$<br>310,181   |
| Gold Line        | \$<br>438,759   | \$<br>313,589   | \$<br>344,331   | \$<br>343,246   | \$<br>348,288   | \$<br>366,248   | \$ | 338,610    | \$ | 347,182   | \$<br>311,868   | \$<br>237,438   | \$<br>265,835   | \$<br>266,529   | \$<br>240,056   |
| Totals           | \$<br>3,107,202 | \$<br>2,050,048 | \$<br>2,297,323 | \$<br>2,230,262 | \$<br>2,204,736 | \$<br>2,334,400 | \$ | 2,172,486  | \$ | 2,327,193 | \$<br>2,153,823 | \$<br>1,939,112 | \$<br>2,141,842 | \$<br>1,969,511 | \$<br>1,819,467 |

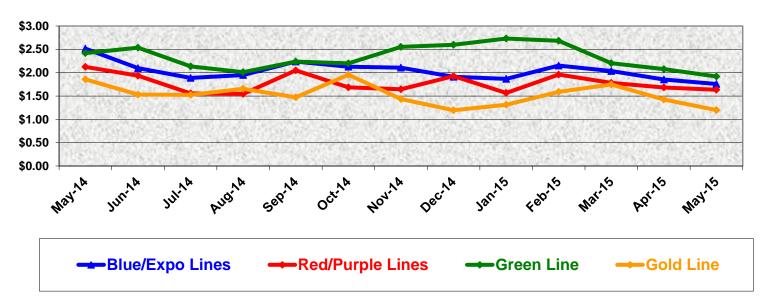
|                  |                 |                 |               |                 |                 |                 | N  | laterial Cos | sts |           |                 |                 |                 |                 |                 |
|------------------|-----------------|-----------------|---------------|-----------------|-----------------|-----------------|----|--------------|-----|-----------|-----------------|-----------------|-----------------|-----------------|-----------------|
| Blue/Expo Lines  | \$<br>440,576   | \$<br>567,257   | \$<br>355,405 | \$<br>382,184   | \$<br>536,100   | \$<br>500,390   | \$ | 518,334      | \$  | 355,729   | \$<br>433,347   | \$<br>524,157   | \$<br>458,588   | \$<br>385,794   | \$<br>483,368   |
| Red/Purple Lines | \$<br>373,815   | \$<br>516,934   | \$<br>247,048 | \$<br>348,370   | \$<br>576,230   | \$<br>349,031   | \$ | 343,936      | \$  | 460,076   | \$<br>334,623   | \$<br>454,326   | \$<br>419,099   | \$<br>354,492   | \$<br>320,754   |
| Green Line       | \$<br>111,344   | \$<br>254,264   | \$<br>153,001 | \$<br>133,386   | \$<br>178,206   | \$<br>193,176   | \$ | 214,902      | \$  | 234,118   | \$<br>233,318   | \$<br>231,562   | \$<br>144,927   | \$<br>148,839   | \$<br>125,054   |
| Gold Line        | \$<br>183,115   | \$<br>183,869   | \$<br>160,751 | \$<br>225,818   | \$<br>137,883   | \$<br>274,059   | \$ | 116,179      | \$  | 44,498    | \$<br>130,036   | \$<br>230,896   | \$<br>300,170   | \$<br>175,922   | \$<br>159,016   |
| Totals           | \$<br>1,108,849 | \$<br>1,522,323 | \$<br>916,204 | \$<br>1,089,759 | \$<br>1,428,418 | \$<br>1,316,657 | \$ | 1,193,351    | \$  | 1,094,420 | \$<br>1,131,324 | \$<br>1,440,941 | \$<br>1,322,783 | \$<br>1,065,048 | \$<br>1,088,194 |



# Cost Per Mile May 2014-2015

| Cost per mile:   | May-14 | Jun-14 | Jul-14 | Aug-14 | Sep-14 | Oct-14 | Nov-14 | Dec-14 | Jan-15 | Feb-15 | Mar-15 | Apr-15 | May-15 | Average |
|------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| Blue/Expo Lines  | \$2.52 | \$2.10 | \$1.89 | \$1.95 | \$2.24 | \$2.13 | \$2.11 | \$1.91 | \$1.87 | \$2.15 | \$2.04 | \$1.85 | \$1.76 | \$2.04  |
| Red/Purple Lines | \$2.13 | \$1.93 | \$1.55 | \$1.54 | \$2.05 | \$1.68 | \$1.64 | \$1.92 | \$1.57 | \$1.96 | \$1.78 | \$1.68 | \$1.63 | \$1.78  |
| Green Line       | \$2.42 | \$2.54 | \$2.14 | \$2.01 | \$2.24 | \$2.20 | \$2.55 | \$2.60 | \$2.73 | \$2.68 | \$2.20 | \$2.08 | \$1.92 | \$2.33  |
| Gold Line        | \$1.86 | \$1.53 | \$1.53 | \$1.65 | \$1.47 | \$1.96 | \$1.44 | \$1.19 | \$1.31 | \$1.59 | \$1.75 | \$1.43 | \$1.20 | \$1.53  |

#### **Cost per Mile**





# ATU Absences vs. Overtime May 2015

|                                   | 3941 & 3947 | 3942   | 3943  | 3944  | Total  |
|-----------------------------------|-------------|--------|-------|-------|--------|
| ABSENCE TYPE and HOURS            | Blue & Expo | Red    | Green | Gold  | l Otal |
| AWP-ABSENT W/O PERMISSION         | -           | -      | 176   | -     | 176    |
| BER-BEREAVEMENT                   | 8           | -      | -     | -     | 8      |
| CTO-COMPENSATORY TIME OFF         | 628         | 806    | 211   | 340   | 1,986  |
| CUT-EMPLOYEE LEAVES EARLY         | -           | -      | 1     | 3     | 4      |
| DSL-DISABILITY LEAVE/LONG         | 776         | 680    | -     | 8     | 1,464  |
| EFH-EMG. FLOAT HOL.               | -           | 104    | 48    | 24    | 176    |
| ETO-EXCUSED TIME OFF              | 92          | 41     | 3     | 29    | 164    |
| FMI-FAM IND INJURY                | 216         | 16     | -     | -     | 232    |
| FML-FAMILY CARE LEAVE             | 364         | 407    | 240   | 348   | 1,359  |
| FMS-FAMILY LEAVE SICK             | 168         | 186    | 40    | -     | 394    |
| HLF-HOLIDAY FLOATING              | 304         | 416    | 240   | 192   | 1,152  |
| HNP-HOLIDAY NOT PAID              | 32          | -      | 16    | 16    | 64     |
| HOL-HOLIDAY LEGAL                 | 656         | 504    | 120   | 240   | 1,520  |
| II-INDUSTRIAL INJURY              | -           | -      | 120   | 32    | 152    |
| JUR-JURY DUTY                     | 24          | -      | -     | -     | 24     |
| LC1-LABOR CODE 233                | 344         | 222    | 144   | 227   | 937    |
| LTI-OCCPIL/LONGTRM INJ LEAVE      | 424         | 336    | -     | -     | 760    |
| OWP-OFF WITH PERMISSION           | -           | 4      | 2     | 2     | 8      |
| RTO-REQUESTED TIME OFF-NO PAY     | 56          | -      | -     | 0     | 56     |
| SCK-SICK PAY                      | 406         | 265    | 24    | 368   | 1,063  |
| SCW-SICK WITHOUT PAY              | 185         | 144    | 244   | 29    | 602    |
| SPN-SCHOOL PARTNER NOT PAID       | -           | -      | _     | 8     | 8      |
| SUS-DISCIPLINARY SUSPENSION       | 24          | -      | -     | -     | 24     |
| TAR-TARDY                         | 2           | 0      | 2     | 0     | 5      |
| VAC-VACATION                      | 1,015       | 1,220  | 518   | 674   | 3,427  |
| Total Absence Hours               | 5,725       | 5,351  | 2,148 | 2,540 | 15,764 |
| 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      | 26%         | 30%    | 27%   | 31%   | 28%    |

|                               | 3941 & 3947 | 3942  | 3943  | 3944  | Total  |
|-------------------------------|-------------|-------|-------|-------|--------|
| OVERTIME TYPE and HOURS       | Blue & Expo | Red   | Green | Gold  | i Otai |
| CTB-COMPENSATORY TIME TO BANK | 46          | 45    | 43    | 22    | 156    |
| OTP-PREM OVERTIME             | 4,394       | 3,925 | 1,673 | 1,160 | 11,151 |
| WLO-Worked Lunch Overtime     | 163         | 236   | 81    | 44    | 523    |
| Total Overtime Hours          | 4,603       | 4,205 | 1,797 | 1,226 | 11,830 |
| Overtime as a % of Work Force | 21%         | 23%   | 23%   | 15%   | 21%    |



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

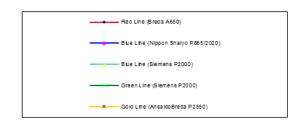
# RFS Instruction Department Activities May 2015

#### Training classes completed during the month of May 2015

| Description  | Course<br>Hours | Student<br>Count | Training Hours |       |
|--|-----------------|------------------|----------------|-------|
| rea Pro-   |                 |                  |                | •     |
| Blue & Expo Line Training - (P865/2020 & P2000 LRV):         |                 |                  |                |       |
| RFS 865/2020 VEHICLE SYSTEMS                                 | 40              | 10               | 400            |       |
| RFS 2-WEEK RAIL INTRODUCTION                                 | 80              | 5                | 400            |       |
| RFS 865/2020 PROPULSION                                      | 64              | 9                | 576            |       |
| Total Blue Line  | Training        | (Hours):         | 1,376          | •     |
| Gold Line Training (P2550 LRVs):                             |                 |                  |                |       |
| RFS ANSALDOBREDA 2550 TRUCKS                                 | 24              | 8                | 192            |       |
| RFS ANSALDOBREDA 2550 FRICTION BRAKES                        | 40              | 8                | 320            |       |
| Total Gold Line  | Training        | (Hours):         | 512            |       |
| JAC Training (P2000 LRVs):                                   |                 |                  |                |       |
| RFS SIEMENS 2000 VEHICLE SYSTEMS                             | 32              | 2 4              | 128            |       |
| RFS SIEMENS 2000 PROPULSION                                  | 80              | ) 4              | 320            |       |
| RFS SIEMENS 2000 FRICTION BRAKES                             | 72              | 2 8              | 576            |       |
| Total JAC  | Training        | (Hours):         | 1024           |       |
| Total RFS Instruction for the month of                       | May 2015        | (Hours):         | <u>2,912</u>   |       |
| Other Instruction Activities                                 |                 |                  |                |       |
| A650 Curriculum, Administrative, and Technical Support       |                 |                  | 120            |       |
| P865\P2020 Curriculum, Administrative, and Technical Support |                 |                  | 40             |       |
|  |                 |                  |                |       |
| P2000 Curriculum, Administrative, and Technical Support      |                 |                  | 80             |       |
| P2550 Curriculum, Administrative, and Technical Support      |                 |                  | 40             |       |
| Instructor Vacation and Holiday                              |                 |                  | 136            |       |
| Total Other Instruction Activitie                            | <u>s</u>        |                  | <u>416</u>     |       |
| Core Vehicle Training Completed                              | l: BLUE         | RED              | GREEN          | GOLI  |
| Solo remote framing completed                                | . 2202          |                  | J.K.E.L.I      | JOLI  |
| Percentage of core vehicle training complete                 |                 | 99.5%            | 82.1%          | 82.5% |
| Siemens P2000 training complete                              | e: 42.1%        | N/A              | N/A            | N/A   |
| Average Specialist Rail Experience Level in Years            | s: 10.4         | 11.8             | 8.9            | 9.6   |

**Metro** 

### **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%



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