



Rail Fleet Services Monthly Report June, 2008



Metro

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Industrial Injuries – Lost Work Hours

June 2008

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Year to Date
Blue Line	0	72	48	160	160	133	16	0	80	48	160	112	989
Red Line	264	256	160	184	152	0	0	184	80	48	368	344	2,040
Green Line	0	0	0	2	0	0	160	24	0	0	0	0	186
Gold Line	264	352	312	80	160	176	64	0	0	0	0	0	1,408
Totals	528	680	520	426	472	309	240	208	176	96	528	456	4,639

June 2008 Lost Work Hours

Blue Line – 112 Assigned Employees (106 Active)

- Service Attendant – 96 hours
- Maintenance Specialist – 16 hours

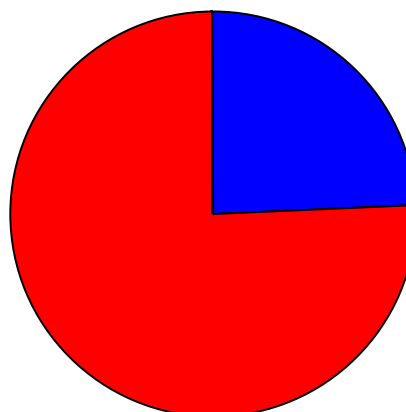
Red Line – 113 Assigned Employees (109 Active)

- Service Attendants – 344 hours

Total Lost Work Hours for June, 2008 – 456 hours

Total Lost Work Hours for 12-Months – 4,639 hours

June 2008 Lost Work Hours



Year-to-Date



■ Blue Line
 ■ Red Line
 ■ Green Line
 ■ Gold Line

Rail Vehicle Accidents & Major Incidents

June 2008

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
Blue Line	\$4,652	\$46,144	\$7,532	\$0	\$4,661	\$4,489	\$8,500	\$497	\$4,235	\$1,789	\$2,473	\$1,412
Red Line	\$0	\$0	\$0	\$0	\$203	\$0	\$0	\$0	\$274	0	0	\$418
Green Line	\$0	\$0	\$0	\$0	\$6,036	\$0	\$0	\$289	\$0	0	0	0
Gold Line	\$0	\$0	\$33,925	\$34,189	\$0	\$326	\$340	\$18,388	\$0	0	0	0
Totals	\$4,652	\$46,144	\$41,457	\$34,189	\$10,900	\$4,815	\$8,840	\$19,174	\$4,509	\$1,789	\$2,473	\$1,830

June 2008 Rail Vehicle Accidents & Major Incidents

Blue Line

- June 8, 2008 – Train vs. Pedestrian. Emergency braking (near miss w/ pedestrian) Flats on middle car, R-068 Train #2 Cars 120A-(141)-123 at 55th St. crossing. (\$238)
- June 17, 2008 – Train vs. Auto. S/B train waiting at PCH grade crossing, auto back into the left side of car 105A. (\$777)
- June 24, 2008 – Train vs. Auto. Auto made left at Washington/Olive St. T-195,. Train 9, track 1. (\$397)

Red Line

- June 7, 2008 – Train vs. Pedestrian. TR61, T210 (583) 584, Westlake AR Westbound. Female jumped in front of train entering station. (\$418)

The monthly accident charges listed above represent only the expenses incurred in that particular month and are not a total repair of an individual accident.



June 17, 2008 – Auto backed into the left side of Car 105A.

Service Delivery – AM/PM Pull-Outs

June 2008

Cars Available for AM/PM Pull-Outs

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
Blue Line	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	100%
Red Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Green Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	98%	100%

AM/PM Pull-Out Requirements

Blue Line – Fleet Size 69 cars

- Weekday pull-out: 60 cars
- Weekend pull-out: 36 cars
- **Monthly Mileage: 405,491 miles**

Red Line - Fleet Size 104 cars

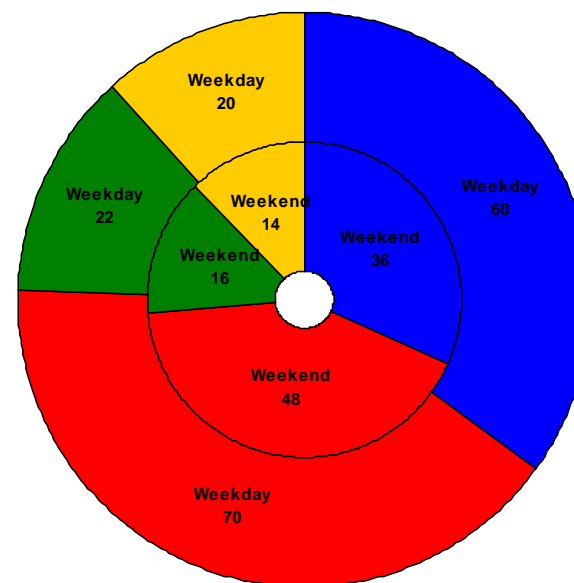
- Weekday pull-out: 70 cars
- Weekend pull-out: 48 cars
- **Monthly Mileage: 552,450 miles**

Green Line – Fleet Size 28 cars

- Weekday pull-out: 22 cars
- Weekend pull-out: 16 cars
- **Monthly Mileage: 219,875 miles**

Gold Line – Fleet Size 24 cars

- Weekday pull-out: 20 cars
- Weekend pull-out: 14 cars
- **Monthly Mileage: 150,320 miles**



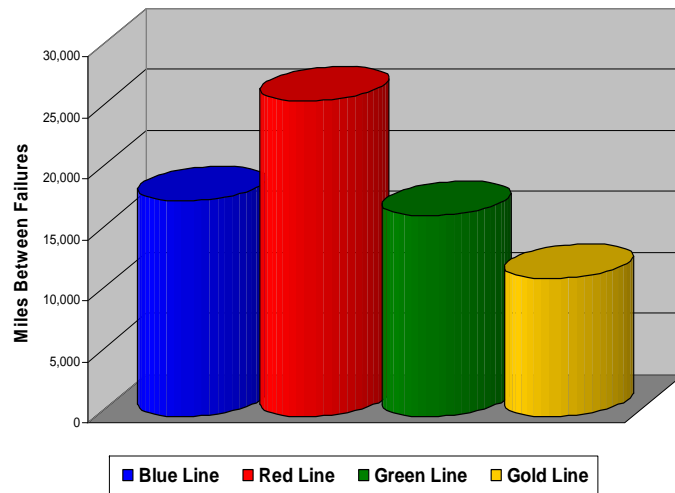
■ Blue Line ■ Red Line ■ Green Line ■ Gold Line

Mean Miles Between Failures (Major)

June 2008

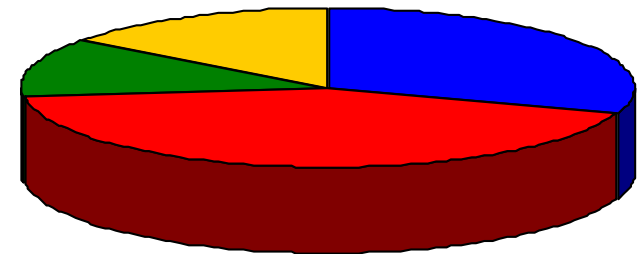
FTA Major Failures

Blue Line: 17,635 miles (23 FTA Major Failures)
Red Line: 25,841 miles (21 FTA Major Failures)
Green Line: 16,415 miles (13 FTA Major Failures)
Gold Line: 11,255 miles (13 FTA Major Failures)



Repeat Failures

Blue Line: 26 Repeat Failures
Red Line: 37 Repeat Failures
Green Line: 10 Repeat Failures
Gold Line: 13 Repeat Failures



Repeater Car Details

June 2008

	Blue Line		Red Line		Green Line		Gold Line	
System	Car #	No. of Repeats	Car #	No. of Repeats	Car #	No. of Repeats	Car #	No. of Repeats
Air Pressure - Low							249	1
ATO			549 583	1 1	208	1		
Automatic Train Protection	131	2	520 539	3 1				
Destination Sign (TICU)			515 565	1 1				
Doors	105 108 122 133 138 147 153 165	1 2 1 1 1 1 1 1	531 584	1 2			241	1
Emergency Brakes in ATO			576 582 592 584 600 528	1 1 1 1 1 1				
Friction Brakes	124 128 135 145	1 1 2 1	531 547 548 583 594 593 600 560	1 3 2 2 1 1 1 1			234	3
Horn/Gong	125 136	1 1						
HVAC			567 582	1 2	204 205 228	1 1 1	240 242 250	1 3 1
PA Intercom			585	1	203	2		
Propulsion/Dynamic Brake	131 145 147	3 1 2	522 562	1 1	201 218	1 3	235	1
Radio	130	1						
Truck/Wheels/Flats	146	1	539	1			229 240	1 1
TOTALS	17	26	21	37	7	10	8	13

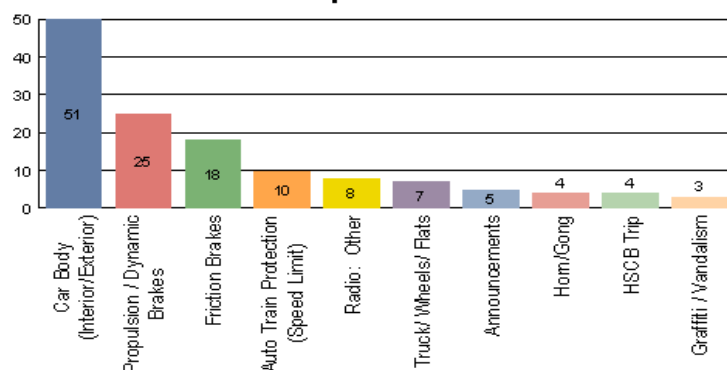


Metro

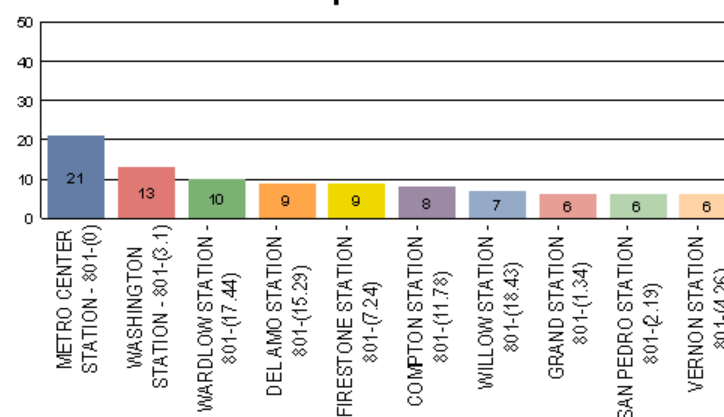
Incident Problems & Locations – Blue & Red Lines

Blue Line – June 2008

Count of the Top 10 Incident Problems

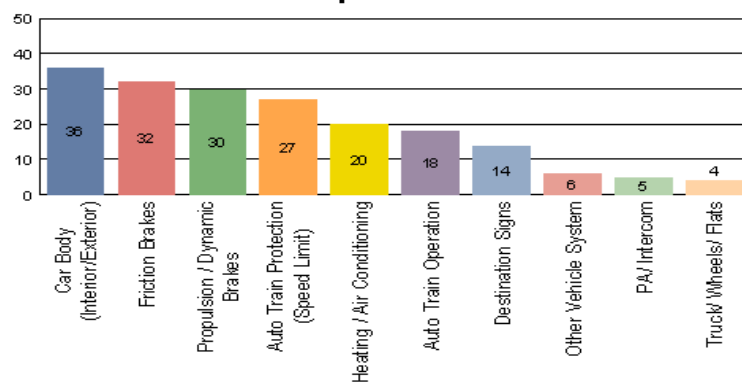


Count of the Top 10 Incident Locations

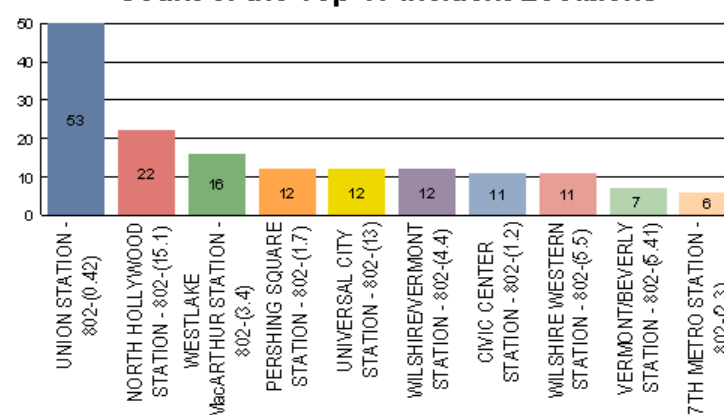


Red Line – June 2008

Count of the Top 10 Incident Problems



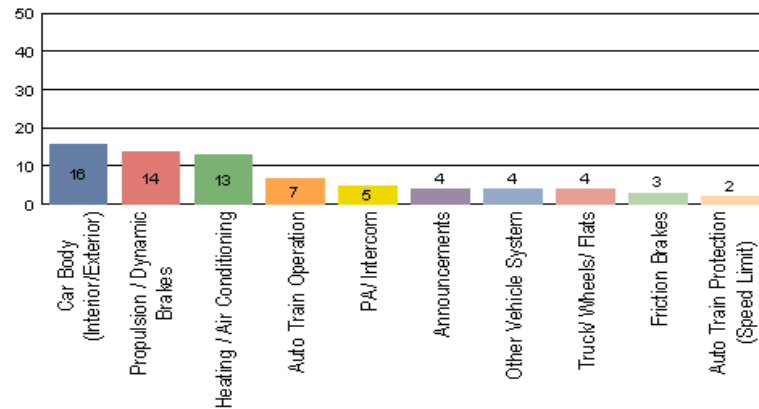
Count of the Top 10 Incident Locations



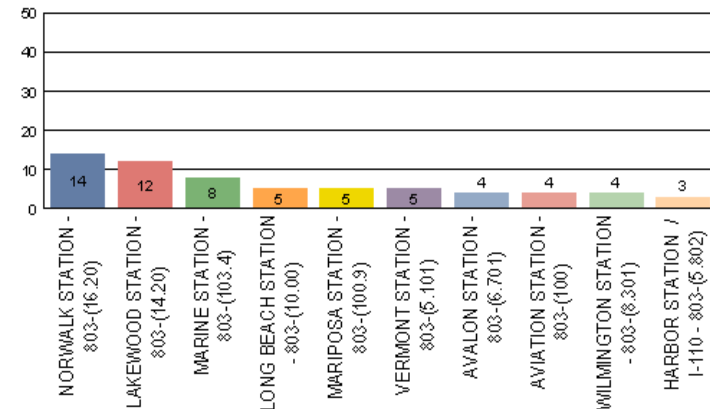
Incident Problems & Locations – Green & Gold Lines

Green Line - June 2008

Count of the Top 10 Incident Problems

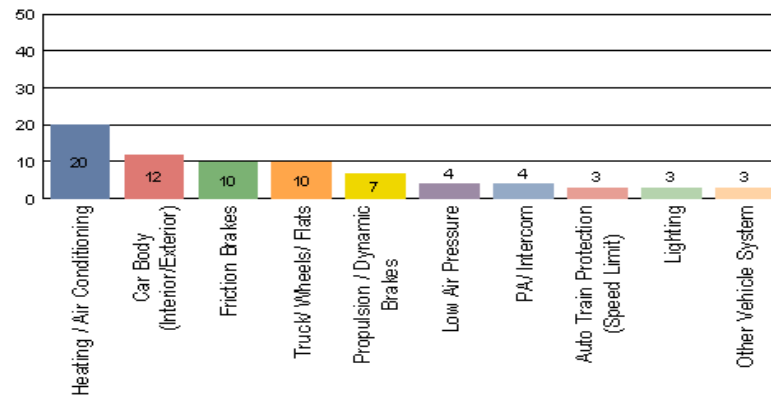


Count of the Top 10 Incident Locations

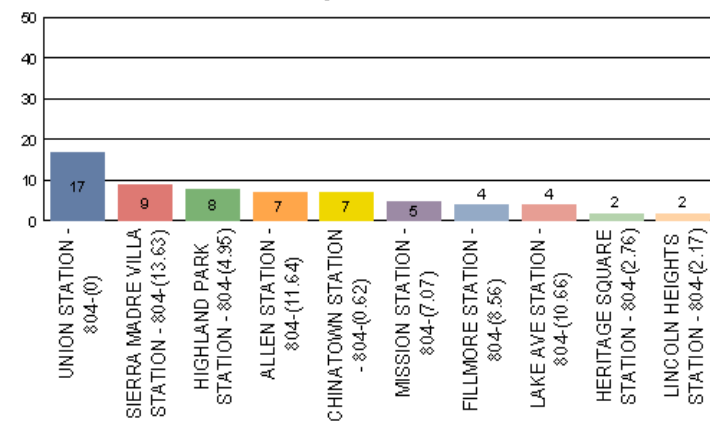


Gold Line - June 2008

Count of the Top 10 Incident Problems



Count of the Top 10 Incident Locations



Preventative Maintenance Compliance

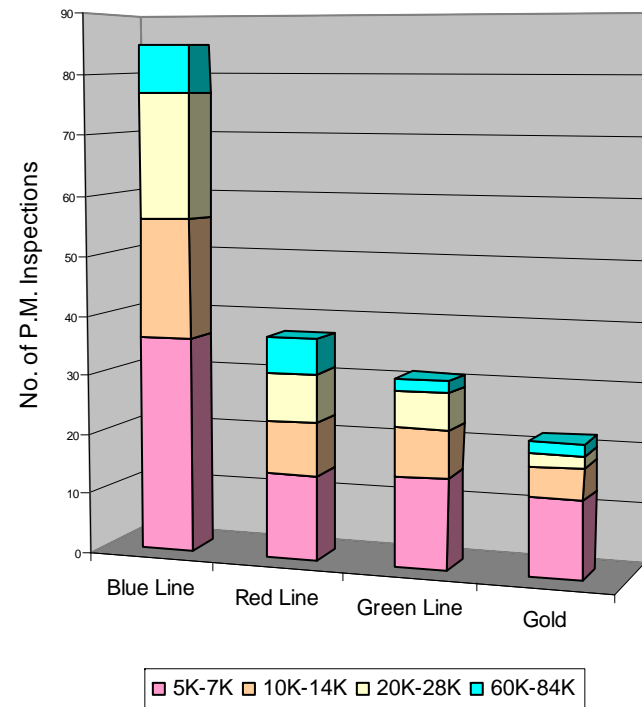
June 2008

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
Blue Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	99%
Red Line	100%	100%	100%	100%	100%	99%	100%	100%	100%	100%	100%	80%
Green Line	100%	100%	100%	100%	100%	100%	95%	100%	100%	100%	100%	100%
Gold Line	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%	100%

June 2008 Preventative Maintenance Inspections

No. of P.M. Inspections	5K	10K	20K	60K	Totals
Blue Line	36	20	21	8	85

No. of P.M. Inspections	7K	14K	28K	84K	Totals
Red Line	28	18	16	12	74
Green Line	15	8	6	2	31
Gold Line	13	5	2	3	23



Vandalism & Graffiti Report

June 2008

	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Year To Date
Blue Line	\$41,364	\$41,364	\$54,873	\$68,406	\$78,067	\$84,209	\$69,383	\$67,624	\$27,270	\$33,717	\$22,258	\$30,483	\$619K
Red Line	\$11,906	\$11,906	\$11,645	\$9,355	\$15,156	\$13,231	\$16,100	\$17,874	\$18,388	\$17,477	\$15,881	\$15,127	\$174K
Green Line	\$32,716	\$33,547	\$44,227	\$33,832	\$37,022	\$37,495	\$31,632	\$28,564	\$41,259	\$36,670	\$45,594	\$43,424	\$446K
Gold Line	\$4,840	\$5,992	\$4,980	\$4,980	\$6,416	\$11,638	\$2,030	\$4,715	\$13,544	\$14,864	\$17,174	\$19,888	\$108K
Totals	\$90,826	\$92,809	\$115,725	\$113,442	\$136,661	\$146,573	\$119,145	\$118,777	\$100,461	\$102,728	\$100,907	\$108,922	\$1.3M

June 2008 Vandalism & Graffiti

Windows replaced: 115 @ \$14,573

Vandal Shields replaced: 408 @ \$11,837

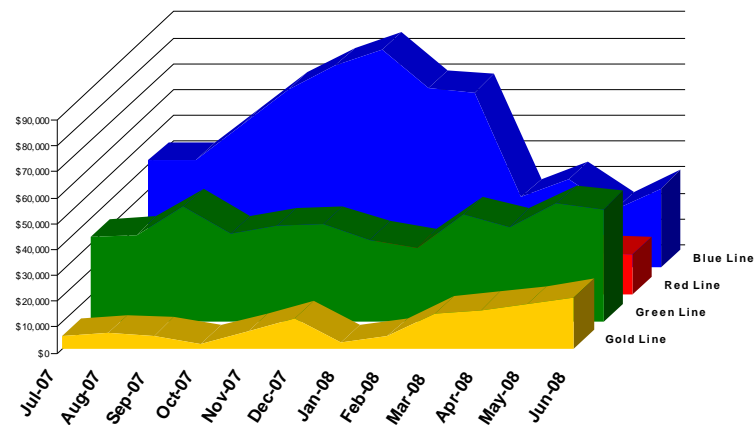
Seats cleaned: 6,166

Seats replaced: 103 @ \$5,996

Ext./Int. repairs: \$24,915

Labor = \$51,601

Total for June 2008: \$108,922

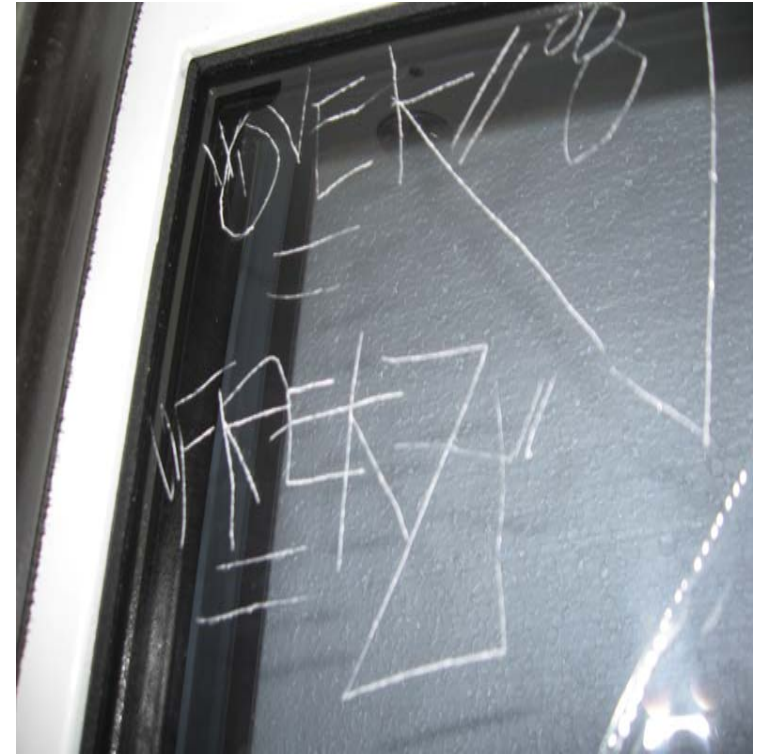


Vandalism & Graffiti Pictures

June, 2008



Gold Line



Vandalism & Graffiti Pictures

June, 2008



Red Line



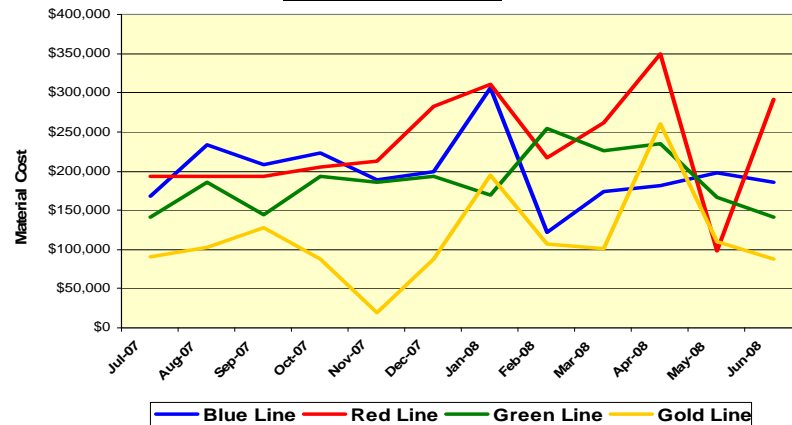
Green Line

Material and Labor Costs

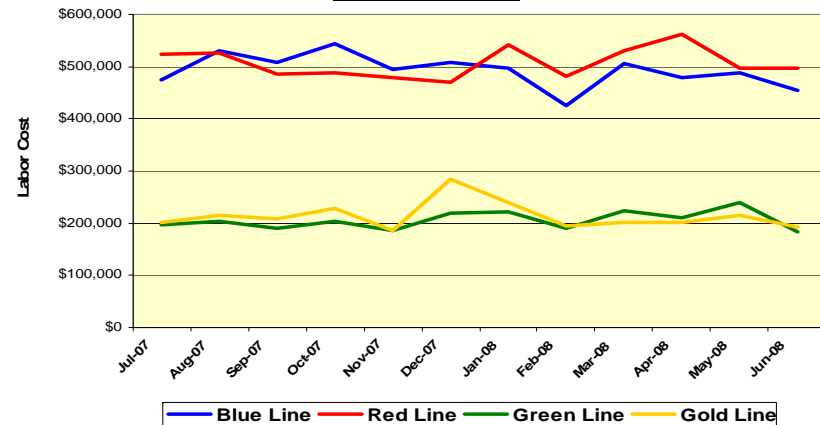
June 2008

Material Costs	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
Blue Line	\$177K	\$209K	\$176K	\$224K	\$189K	\$200K	\$307K	\$123K	\$174K	\$181K	\$197K	\$185K
Red Line	\$180K	\$147K	\$209K	\$205K	\$212K	\$283K	\$311K	\$217K	\$261K	\$349K	\$ 99K	\$292K
Green Line	\$143K	\$181K	\$139K	\$193K	\$185K	\$132K	\$169K	\$254K	\$225K	\$235K	\$166K	\$142K
Gold Line	\$91K	\$100K	\$119K	\$88K	\$19K	\$154K	\$195K	\$107K	\$101K	\$260K	\$110K	\$ 88K
Totals	\$591K	\$638K	\$643K	\$710K	\$559K	\$768K	\$982K	\$701K	\$761K	\$1,052K	\$572K	\$607K

Material Costs



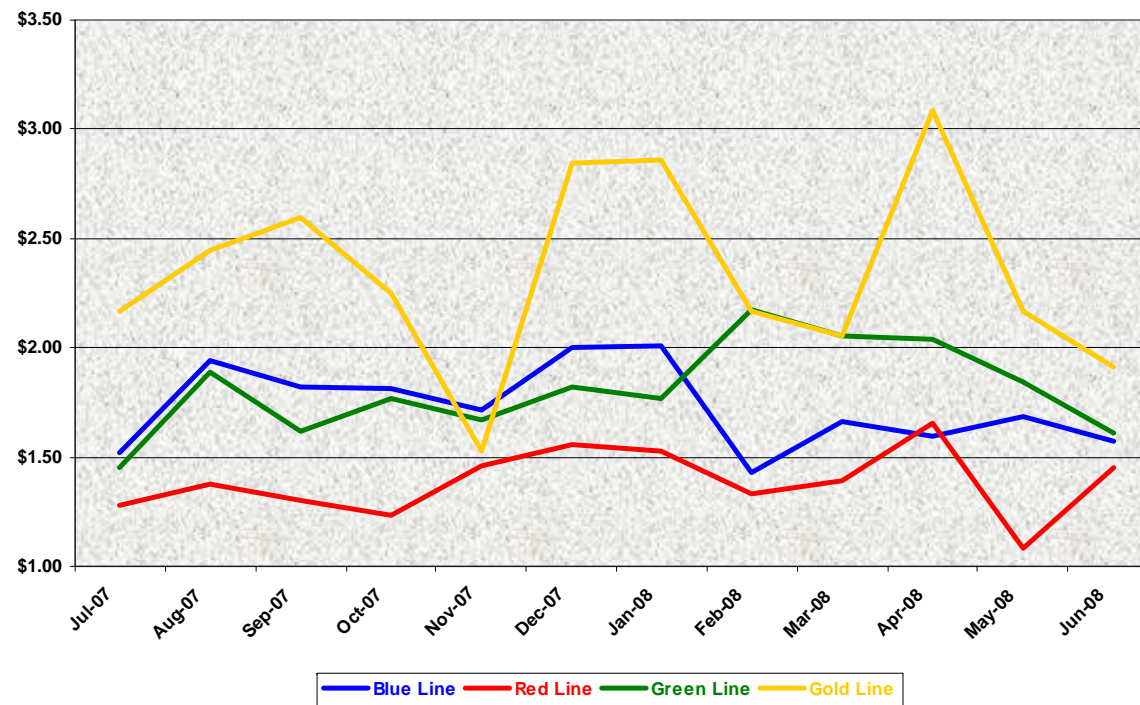
Labor Costs



Labor Costs	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08
Blue Line	\$476K	\$532K	\$508K	\$545K	\$496K	\$508K	\$498K	\$426K	\$505K	\$479K	\$487K	\$454K
Red Line	\$523K	\$527K	\$485K	\$489K	\$479K	\$471K	\$542K	\$481K	\$530K	\$563K	\$498K	\$496K
Green Line	\$196K	\$204K	\$190K	\$204K	\$185K	\$220K	\$223K	\$190K	\$225K	\$211K	\$239K	\$184K
Gold Line	\$202K	\$214K	\$208K	\$229K	\$186K	\$235K	\$240K	\$196K	\$222K	\$202K	\$216K	\$192K
Totals	\$1,397K	\$1,477K	\$1,392K	\$1,466K	\$1,346K	\$1,484K	\$1,503K	\$1,293K	\$1,482K	\$1,454K	\$1,440K	\$1,336K

Cost Per Mile June 2008

Cost per mile:	Jul-07	Aug-07	Sep-07	Oct-07	Nov-07	Dec-07	Jan-08	Feb-08	Mar-08	Apr-08	May-08	Jun-08	Average
Blue Line	\$1.52	\$1.94	\$1.82	\$1.82	\$1.72	\$2.00	\$1.78	\$1.43	\$1.67	\$1.60	\$1.69	\$1.58	\$1.73
Red Line	\$1.28	\$1.38	\$1.30	\$1.23	\$1.28	\$1.56	\$1.52	\$1.33	\$1.39	\$1.65	\$1.08	\$1.45	\$1.39
Green Line	\$1.45	\$1.89	\$1.62	\$1.77	\$1.53	\$1.82	\$1.76	\$2.17	\$2.05	\$2.04	\$1.84	\$1.61	\$1.81
Gold Line	\$2.16	\$2.45	\$2.60	\$2.25	\$1.52	\$2.84	\$2.86	\$2.16	\$2.75	\$3.09	\$2.17	\$1.91	\$2.34



No facility costs are included

Capital Projects June 2008

Division Number/ Location	Project Number/Name	Description	LOP Budget	Amount Spent	Amount Remaining	Scheduled Completion Date	New Projected Completion Date	Comments/Reason
Division 11 Blue Line	204009 - Improvements	Main Shop & Car Wash Extension	\$ 17,385,500	\$16,862,893	\$532,607	01/31/08	Open	Traction Power engineering delivered design to B. Rydell 6/20/08. Traction Power will purchase material and do the work.
Division 21 Gold Line	20417 - Improvements	Historic Aqueduct	\$ 4,500,000	\$1,698,318	\$2,801,682	05/23/08	09/30/08	Awaiting National Historic Registry response. Wilbur Babb is coordinating. Should close out about 9/15/08. No change
Division 22 Green Line	204037 - Improvements Ph 2	Wheel True Pit & Machine. Crossover Train Control	\$ 4,895,000	\$3,371,818	\$1,523,182	03/07/08	01/07/09	WTM Pit will closeout after WTM installation. WTM installation complete. Need acceptance test & training. Crossover Train Control ready for closeout. Systra delivered as-built drawings mid-June.
Division 20 Red Line	20407 - Car Wash & Cleaning Platform	Car Wash & Cleaning Platform	\$ 15,400,000	\$12,639,561	\$2,760,439	03/03/08	05/17/10	Procurement placed ads for bidders in mid-May. Awaiting bidder responses NLT July 11. Progress meeting on 7/03/08.
Division 21 Gold Line	204503 - Improvements Phase 2	Body Shop	\$ 5,000,000	\$566,858	\$4,433,142	03/31/08	09/25/09	MTA Construction has taken over this project. Girish Roy is the new Project Manager.
Division 20 Red Line	204054 - Additional Hoists	Additional two double-pair vehicle hoists	\$ 4,250,000	\$2,394,537	\$1,855,463	06/30/08	05/12/09	Contractor has resubmitted their contract documents. Change notice has been negotiated to excavate pits (\$40K). 20-week extension granted by MTA.
Division 22 Green Line	204059 - Spray Paint Booth	Small Spray Paint Booth	\$ 150,000	\$93,912	\$56,088	05/16/08	10/08/09	Tom Zhao has sent drawings to CA Tom Holguin for review. Readiness Review meeting scheduled for late next week.

Note: Actual May 2008 data. Due to year-end, June Financials not yet available.

Rail Fleet Services Instruction

June 2008

Description	Status	Start	End	Course Hours	Student Count	Training Hours
Blue Line Training (Nippon Sharyo 865/2020 LRV):						
P-CARD Training for Card Holders and AOS	Complete	6/24/2008	6/24/2008	2	1	2
Total Blue Line Training (Hours):						2
Red Line Training (Breda A650 HRV):						
Fire Safety (Video)	Complete	6/29/2008	6/29/2008	2	1	2
Confined Space Entry (Video)	Complete	6/29/2008	6/29/2008	2	1	2
Back Safety (Video)	Complete	6/28/2008	6/28/2008	2	4	8
P-Card Training for Card Holders and AOS	Complete	6/24/2008	6/24/2008	2	1	2
MOP EAP as a Supervisory Tool	Complete	6/5/2008	6/5/2008	1.5	1	1.5
CAL-OSHA Forklift Certification TTT (Train-the-Trainer)	Complete	6/24/2008	6/24/2008	8	1	8
Drug-and-Alcohol-Free Work Environment Policy	Complete	6/4/2008	6/4/2008	4	2	8
Bloodborne Pathogens (Video)	Complete	6/26/2008	6/26/2008	2	7	14
Bloodborne Pathogens	Complete	6/10/2008	6/25/2008	2	14	28
Total Red Line Training (Hours):						73.5
Green Line Training (Siemens 2000 LRV):						
Cal-OSHA Forklift Certification TTT (Train-The-Trainer)	Complete	6/24/2008	6/24/2008	8	1	8
Frontline Safety Training	Complete	6/30/2008	6/30/2008	3	1	3
Total Green Line Training (Hours):						11
Gold Line Training (Siemens 2000 LRV):						
RFS AnsaldoBreda 2550 PTU training	Complete	6/23/2008	6/25/2008	24	8	192
MOP Managing Leaves of Absence	Complete	6/18/2008	6/18/2008	3	1	3
Total Gold Line Training (Hours):						195
Total Rail Fleet Services Instruction for the month of June 2008 (Hours):						281.5

Other Projects being worked on by Instructors:

Review AnsaldoBreda 2550 Maintenance Manuals - Doug Witke
 Acceptance of Green Line Wheel True Machine - Frank Pirillo
 Red Line Automated Announcements - Russell Homan

Core Vehicle Training Completed:

	BLUE	RED	GREEN	GOLD
Percentage of core vehicle training complete:	99.2%	97.6%	83.5%	62.3%
AnsaldoBreda 2550 Training Completed:	3.0%	N/A	1.6%	15.1%
Average Specialist Rail Experience Level in Years:	9.5	7.9	6.9	6.6

