

***###FASTRACK***

May 21, 2012



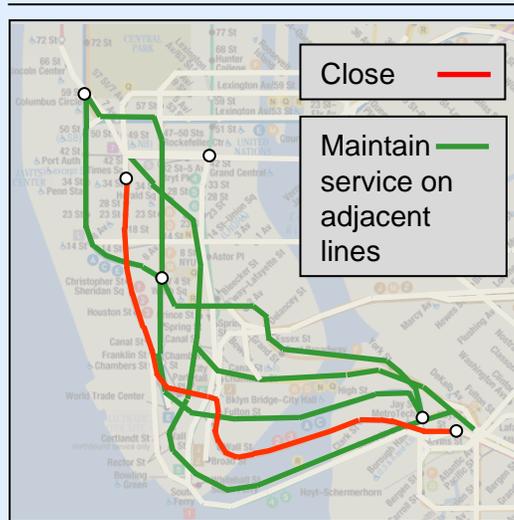
# 2012 FASTRACK LINE SEGMENT CLOSURE

**FasTrack 2012:** For identified lines in the Central Business District (CBD) with significant alternate services, full (all tracks) CBD segment line closure over 4 consecutive weeknights from 10PM to 5AM. Closure is once per quarter per line (4 closures per quarter in the CBD). Full regular service maintained on adjacent CBD lines.

**Applies to four line segments in the Central Business District (CBD):**

- Lexington Ave
- 7<sup>th</sup> Ave
- 6<sup>th</sup> Ave
- 8<sup>th</sup> Ave

**Example: 7<sup>th</sup> Ave line  
FasTrack closure**



# FASTRACK: MAJOR BENEFITS

- Improved employee safety
- Efficiencies from long work windows
- Completion of delayed non-critical repairs
- Work opportunities for multiple departments
- Fewer breakdowns and train delays
  - Generally long-term expectations
  - Short-term benefit realized April 5<sup>th</sup> when flooding at Chambers St. IRT cleared quickly due to prior FasTrack work



# FASTRACK PLANNING AND COORDINATION

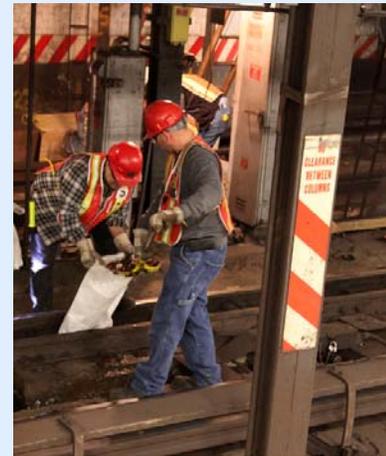
- Regular planning meetings
- Work crews centrally coordinated by “Piggy Back Desk”
- Zone managers facilitate work during shutdown
- Passenger Assistance staffing reviewed on a regular basis
- Possible establishment of an MOW Planning Group



# FASTRACK WORK COMPLETED Q1 2012

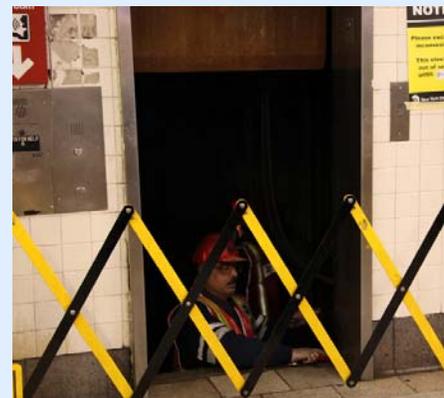
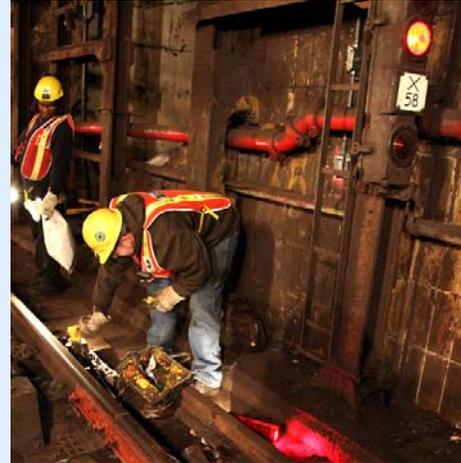
## Highlights of work completed

- **Track**
  - Removed debris ~ 87,720lbs
  - Scraped/cleaned track ~ 80,272 trk-ft
  - Replaced 283 tie blocks
  - Installed 5,248 plates & 6,323 friction pads
  - Installed 152 rails at various locations
- **Third Rail Operations**
  - Cleared 10,828 identified conditions
  - Scraped/cleaned 57,610 trk-ft
- **Power**
  - Inspected 236 manholes
  - Installed 2,778 ft communication cable



# FASTRACK WORK COMPLETED Q1 2012 (cont'd)

- **Signals**  
Performed maintenance & inspections at 133 locations  
Serviced 61 switch machines
- **Infrastructure**  
Sound & Tap 2,122 sq ft of concrete  
Drain Cleaning ~13,225 ft  
Grouted water leaks ~309
- **Elevators & Escalators**  
Completed 210 work order/repairs  
Replaced 23 escalator steps
- **Electronic Maintenance Division**  
Inspected and tested 320 EA/ET's  
Replaced 143 smoke detector heads  
Inspected 114 CCTV locations  
Replaced monitors and cameras
- **MOW Engineering**  
Modified 5 signal locations



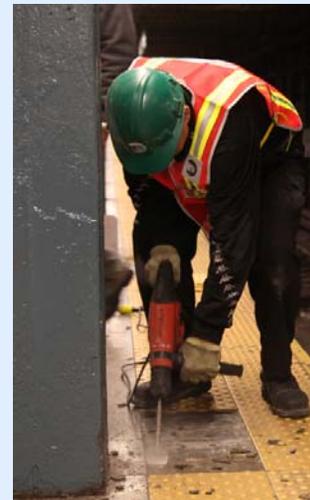
# FASTRACK WORK COMPLETED Q1 2012 (cont'd)

- **Stations**

- Replaced 5,710 lamps in 53 stations
- Replaced 7,733 lamps in 17 tunnels
- Scraped peeling paint ~ 107,675 sq-ft 9 stations
- Painted ~ 73,170 sq-ft 8 stations
- Replaced 187 stair treads at 4 stations
- Heavy duty cleaning at 51 stations
- Repaired 4,063 In-ft of Rubbing Board in 26 stations
- Repaired/cleaned vents & drains

- **Contractors**

- Surveyed platform edges
- Completed punchlist items
- Pulled 800 ft of Fiber Optic System Cable
- Completed Station rehabilitation work
- Installed piping insulation/conduit/cables



# FASTRACK PRODUCTIVITY ESTIMATE

## Estimated Productivity Benefit First Quarter 2012: \$5.1M

### FasTrack - 1st Quarter Summary

Division	Shutdown Cost Actuals (\$)	Under Traffic Cost Est (\$)	Estimated Productivity Value (Savings)/Cost
Maintenance of Way	\$3,767,124	\$8,375,334	(\$4,608,210)
Station Environment	\$1,012,820	\$1,294,238	(\$281,417)
Support	\$660,544	\$734,690	(\$74,146)
Capital	\$292,984	\$420,734	(\$127,750)
<b>Total</b>	<b>\$5,733,472</b>	<b>\$10,824,995</b>	<b>(\$5,091,523)</b>

*This benefit does not equate to near-term budget savings; it is an estimate of the productivity value of the completion of more work tasks under the FasTrack model*

FasTrack Productivity Benefit is net of OT costs incurred at a rate of ~\$350K per FasTrack to maximize the work window:

- Paid Lunch
- Report to work location bonus for some crews
- Customer Support – Station Agents, Platform Conductors and Traffic Checkers

FasTrack model holds potential for future maintenance efficiencies

# EVALUATION: FASTRACK CUSTOMER/RIDERSHIP IMPACT

## Estimated Customer Impact per Nightly Closure: (20 minutes added travel time)

Lexington 4 5 6 – 38,500

7<sup>th</sup> Ave 1 2 3 – 23,000

6<sup>th</sup> Avenue B D F M – 35,000

8<sup>th</sup> Avenue A C E – 39,000

(system-wide weeknight ridership is 249,000)

## Ridership Impact of Lexington Line FasTrack Jan 9-13, 2012 (Est. \$17K Rev Loss)

3.4% overnight ridership drop (net drop of ~4,600 subway riders in CBD)

Bus ridership on parallel routes increased by ~750 riders

## Ridership Impact of 7<sup>th</sup> Avenue FasTrack Feb 13-17, 2012 (Est. \$16K Rev Loss)

2.8% overnight ridership drop (net drop of ~4,000 subway riders in CBD)

Bus ridership on parallel routes increased by ~250 riders

*Ridership data not yet available for final 2 FasTrack closures in first quarter*



# REMAINING 2012 FASTRACK PLANS

## CBD FasTrack Closure Plans

2012 FasTrack Corridors				
	7th Ave	8th Ave	6th Ave	Lex Ave
2nd & 3rd Qtrs	4/9-4/13	4/23-4/27	5/14-5/18	6/11-6/15
	6/25-6/29	7/9-7/13	7/23-7/27	9/3-9/7
4th Qtr	10/15-10/19	10/22-10/26	9/24-9/28	11/5-11/9

Work Qtrs 2 & 3: Inspection, Maintenance, Defect Backlog Reduction, Lamping, Scraping, Painting

Work Qtr 4: Clear all scrap & debris from right-of-way, wash Joralemon, Clark, Cranberry, Rutgers Tubes



# 2013 FASTRACK PLANS

## New Corridors Currently Planned for 2013 – Mainly Outside the CBD

Broadway BMT **N**, **Q**, **R** from LIC to Downtown Brooklyn  
No bus replacement needed

Washington Heights IND **A** from 168-207 St  
Minimal bus coverage required

Concourse IND **D** from 161-205 St  
Minimal bus coverage required

Inner Queens Blvd IND **E**, **F**, **M**, **R** from Roosevelt Ave to Court Square  
Bus coverage required

Lexington Ave Express **4**, **5** from 45<sup>th</sup> St to 100<sup>th</sup> St  
No bus replacement needed

Lexington Ave Local **6** from 45<sup>th</sup> St to 100<sup>th</sup> St  
Bus coverage required

