

# MTA Capital Program

## *2010-2014*



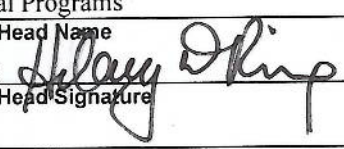
Amendment for Hurricane Sandy Recovery  
As submitted to the MTA Board  
December 2012



Metropolitan Transportation Authority








# Staff Summary

<b>Subject</b> MTA 2010-2014 Capital Plan Amendment
<b>Department</b> MTA Capital Programs
<b>Department Head Name</b> Hilary Ring 
<b>Department Head Signature</b>
<b>Project Manager Name</b> Stephen Berrang, Stephanie DeLisle

<b>Date</b> December 17, 2012
<b>Vendor Name</b>
<b>Contract Number</b>
<b>Contract Manager Name</b>
<b>Table of Contents Ref #</b>

Board Action					
Order	To	Date	Approval	Info	Other
1	Finance	12/17			
2	Board	12/19			

Internal Approvals			
Order	Approval	Order	Approval
5	 Chairman/CEO		
4	 Chief of Staff	1	 Legal
3	 Chief Financial Officer	2	 Chief Operating Officer

## Purpose:

To obtain MTA Board approval to amend the 2010-2014 Capital Plan to add projects totaling \$4.755 billion for the repair and restoration of MTA agency assets damaged as a result of Hurricane Sandy, which struck the region on October 29, 2012. The \$4.755 billion is comprised of \$3.977 billion of recovery projects in the Capital Program Review Board (CPRB)-covered plan for New York City Transit, Long Island Rail Road, Metro-North Railroad, MTA Bus and Capital Construction Company as well as \$778 million of recovery projects in the Bridges and Tunnels capital plan, which is not subject to CPRB approval. MTA Board approval also is requested to authorize the MTA's submission of the CPRB-covered plan amendments to the CPRB to secure approval in accordance with state statute.

## Discussion:

On October 29, 2012, Hurricane Sandy impacted the MTA service area, inflicted substantial damage to MTA infrastructure, and disrupted service across all MTA agencies. In advance of the storm's arrival, MTA agencies pre-emptively suspended service and took various precautions to physically protect their assets by relocating movable assets (i.e., rolling stock) and fortifying stations, support facilities and other fixed assets, especially those in flood-prone areas. Nevertheless, the storm and its tidal surge and high winds caused major damage across the system, including damage to New York City Transit subway stations, under-river tubes, train yards and bus depots, and the Rockaway line; damage to MTA Bus facilities; damage to Metro-North and Long Island Rail Road facilities and rights-of-way; flooding of the Hugh L. Carey Tunnel (formerly the Brooklyn Battery Tunnel) and the Queens Midtown Tunnel and damage to other Bridges and Tunnels facilities; and damage to or delays of various MTA Capital Construction projects.

Since the storm, operating agencies have resumed most passenger services after implementing interim repairs, although certain facilities remain fully or partially closed. Agencies have preliminarily evaluated the scope of further repair or restoration work necessary to return facilities and equipment to pre-storm conditions. Based on initial assessments and surveys, the estimate expense of such work totals \$4.755 billion. Estimates will be further refined as more condition and cost information becomes available.

It is critical that this repair and restoration work move forward. To this end, it is proposed that the Board adopt the annexed amendments to MTA's capital plan for 2010-2014, which incorporates the requisite restoration projects. To ensure that the agencies' core capital programs are not affected by this amendment, the proposed restoration projects are located in a separate part of the overall 2010-2014 Capital Plan designated for security and disaster recovery efforts.



The attached tables show a summary of the proposed 2010-2014 Capital Plan amendment that includes the restoration projects (Attachment A), the distribution of the proposed plan increase by agency (Attachment B), the proposed funding for the recovery projects (Attachment C), and a listing of the projects contained in the proposed plan amendment (Attachment D).

The MTA expects that, ultimately, the proposed restoration work predominately will be funded through insurance proceeds and reimbursements obtained from the federal government (including the Federal Emergency Management Agency) (FEMA). Such funding will be supplemented, to the extent necessary, by external borrowing of up to \$950 million. However, the MTA needs to progress this restoration work in an expedient manner that will precede the expected pace of reimbursements from insurance and the federal government. Therefore, the MTA expects temporarily to fund the transit and commuter work through interim financing, including relying on available non-bond proceeds, and using the proceeds of bond anticipation notes (BANs), with longer term funding needs addressed, to the extent necessary, through issuance of MTA bonds for transit and commuter projects authorized for bond funding. MTA Bridges and Tunnels interim financing will rely on a combination of Necessary Construction Reserve funds and proceeds of a TBTA BAN as well as long-term bond financing to the extent needed.

By adding this work, the overall 2010-2014 Capital Plan increases by \$4.755 billion from the currently approved level of \$24.274 billion (including Bridges and Tunnels) to \$29.029 billion. The portion of the capital plan subject to CPRB review would increase by \$3.977 billion from \$22.195 billion to \$26.172 billion. The Sandy-related changes to the capital plan of Bridges and Tunnels totaling \$778 million are not subject to CPRB review.

The Board is asked to approve the following items:

- Modifications to the 2010-2014 MTA Capital Plan to reflect revisions in capital program funding and the addition of projects to effect permanent repairs to assets damaged by Hurricane Sandy.
- Submission of a capital plan amendment by the MTA to the CPRB for the 2010-2014 Capital Plan in accordance with statutory requirements.

### **Impacts on Funding:**

The proposed amendment increases the CPRB 2010-2014 Capital Plan to \$26.172 billion and relies on new funding sources to fully fund the hurricane recovery projects in the last two years of the plan. The projects contained herein are intended to effectuate the full restoration of service levels and reliability across all modes of the MTA family as well as separately maintaining the core State-of-Good-Repair program and all key capital program benefits. Additional revenue from insurance proceeds and federal reimbursement will be the primary sources of new revenue to support these expenditures, although interim borrowings by MTA and MTA Bridges and Tunnels are expected to be required to cover timing delays in the receipt of insurance and federal reimbursement. MTA bonds will be issued to fund these expenditures only if they are needed and if insurance and federal reimbursement do not fully fund the work. Funds have been allocated in the operating budget to fund initial interest costs for BANs and the debt service for up to \$950 million of MTA bonds. There is not anticipated to be any other additional burden on the operating budget.

### **Alternatives:**

There are no viable alternatives to the proposed action. Delaying repair work could result in further service delays, increased safety risks, and lower reliability. Further, it is not tenable to substitute existing funds supporting ongoing capital projects for these restoration projects.

### **Recommendation:**

That the MTA Board approve the proposed amendment to the 2010-2014 Capital Plan to fund the Hurricane Sandy recovery projects and authorize the proposal to be submitted to the MTA Capital Program Review Board for its consideration and approval (exclusive of the Bridges and Tunnels plan amendments, which do not require CPRB review).

**Attachment A**  
**MTA 2010-2014 Capital Plan Amendment**  
**All Agency Summary**  
**(\$ in millions)**

<b>Plan</b>	<b>Approved Plan</b>	<b>Proposed Plan</b>	<b>Change</b>
<b>Core Capital Plan</b>			
New York City Transit	\$11,649	\$11,649	-
Long Island Rail Road	2,316	2,316	-
Metro-North Railroad	1,544	1,544	-
MTA Bus	297	297	-
MTA Wide Security/Disaster Recovery Program (Core CPRB Agencies)	335	4,312	3,977
MTA Interagency	315	315	-
<b>Core Subtotal</b>	<b>\$16,456</b>	<b>\$20,433</b>	<b>\$3,977</b>
Network Expansion Projects	5,739	5,739	-
<b>Total 2010-2014 CPRB Plan</b>	<b>\$22,195</b>	<b>\$26,172</b>	<b>\$3,977</b>
Bridges and Tunnels	2,079	2,079	-
MTA Wide Security/Disaster Recovery Program (Bridges and Tunnels)	0	778	778
<b>Total 2010-2014 Capital Plan</b>	<b>\$24,274</b>	<b>\$29,029</b>	<b>\$4,755</b>

*Numbers may not total due to rounding*

**Attachment B**  
**MTA 2010-2014 Capital Plan Amendment**  
**Proposed Plan Increase by Agency**  
**(\$ in millions)**

<b>Agency</b>	<b>Proposed Plan</b>
New York City Transit	\$3,449
Long Island Rail Road	267
Metro-North Railroad	188
MTA Bus	25
Bridges and Tunnels	778
Capital Construction Company	48
<b>Total</b>	<b>\$4,755</b>

*Numbers may not total due to rounding*

**Attachment C**  
**MTA 2010-2014 Capital Plan Amendment**  
**Funding Plan for Hurricane Sandy Recovery**  
**(\$ in millions)**

<b>Funding Plan</b>	<b>Approved Plan</b>	<b>Proposed Plan</b>	<b>Change</b>
Federal Formula, Flexible and Misc.	\$5,783	\$5,783	-
Federal High Speed Rail	295	295	-
Federal Security	225	225	-
Federal RRIF Loan	2,200	2,200	-
MTA Bus Federal Formula/Match	167	167	-
City Capital Funds	762	762	-
State Assistance	770	770	-
MTA Bonds	10,503	10,503	-
Other	1,490	1,490	-
<u>Hurricane Sandy Recovery Funds</u>			
• <u>Receipts of proceeds of insurance and federal reimbursement (including interim borrowing by MTA to cover delays in the receipt of such proceeds).</u>	-	<u>3,185</u>	<u>3,185</u>
• <u>MTA Bonds</u>	-	<u>792</u>	<u>792*</u>
<b>Total 2010-2014 CPRB Plan</b>	<b>\$22,195</b>	<b><u>\$26,172</u></b>	<b><u>\$3,977</u></b>
Bridges and Tunnels Bonds	\$2,079	\$2,079	-
<u>B&amp;T Hurricane Sandy Recovery Funds</u>			
• <u>Receipts of proceeds of insurance and federal reimbursement (including interim borrowing by TBTA to cover delays in the receipt of such proceeds).</u>	-	<u>620</u>	<u>620</u>
• <u>B&amp;T Bonds</u>	-	<u>158</u>	<u>158*</u>
<b>Total 2010-2014 Capital Plan</b>	<b>\$24,274</b>	<b><u>\$29,029</u></b>	<b><u>\$4,755</u></b>

*Numbers may not total due to rounding; underlined text denotes amended portion.*

\* Bonding may change to the extent anticipated insurance and federal reimbursements are not received.

**Attachment D**  
**MTA 2010-2014 Capital Plan Amendment**  
**Project Listing**



# Security / Disaster Recovery

## New York City Transit

# SUBWAY CARS

## E - T01

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 SUBWAY CARS: SANDY</b>								
03 Rolling Stock Restoration	SGR	0.0	0.0	0.0	4.0	0.0	0.0	4.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.0</b>
<b>Category Total T01</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$4.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## New York City Transit

# PASSENGER STATIONS

## E - T04

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 STATION REPAIRS: SANDY</b>								
01 South Ferry/Whitehall Restoration	SGR	0.0	0.0	0.0	175.0	175.0	0.0	350.0
02 Rockaway Line Stations	SGR	0.0	0.0	0.0	15.0	0.0	0.0	15.0
04 Major Station Restoration: Various Locations	SGR	0.0	0.0	0.0	32.5	32.5	0.0	65.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$222.5</b>	<b>\$207.5</b>	<b>\$0.0</b>	<b>\$430.0</b>
<b>Category Total T04</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$222.5</b>	<b>\$207.5</b>	<b>\$0.0</b>	<b>\$430.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## New York City Transit

# TRACK

## E - T05

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 TRACK/SWITCH REPAIRS: SANDY</b>								
02 Rockaway Line Restoration	SGR	0.0	0.0	0.0	65.0	65.0	0.0	130.0
05 Track Restoration: Various Locations	SGR	0.0	0.0	0.0	150.0	150.0	0.0	300.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$215.0</b>	<b>\$215.0</b>	<b>\$0.0</b>	<b>\$430.0</b>
<b>Category Total T05</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$215.0</b>	<b>\$215.0</b>	<b>\$0.0</b>	<b>\$430.0</b>

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# Security / Disaster Recovery

## New York City Transit

# LINE EQUIPMENT

## E - T06

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 LINE EQUIPMENT REPAIRS: SANDY</b>								
01 South Ferry/Whitehall Restoration	SGR	0.0	0.0	0.0	10.0	10.0	0.0	20.0
06 Line Equipment Restoration: Various Locations	SGR	0.0	0.0	0.0	63.0	63.0	0.0	126.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$73.0</b>	<b>\$73.0</b>	<b>\$0.0</b>	<b>\$146.0</b>
<b>Category Total T06</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$73.0</b>	<b>\$73.0</b>	<b>\$0.0</b>	<b>\$146.0</b>

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# Security / Disaster Recovery

## New York City Transit

# LINE STRUCTURES

## E - T07

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 LINE STRUCTURE REPAIRS: SANDY</b>								
02 Rockaway Line Restoration	SGR	0.0	0.0	0.0	20.0	0.0	0.0	20.0
06 Line Structure Repairs: Various Locations	SGR	0.0	0.0	0.0	38.0	38.0	0.0	76.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$58.0</b>	<b>\$38.0</b>	<b>\$0.0</b>	<b>\$96.0</b>
<b>Category Total T07</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$58.0</b>	<b>\$38.0</b>	<b>\$0.0</b>	<b>\$96.0</b>

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# Security / Disaster Recovery

## New York City Transit

# SIGNALS & COMMUNICATIONS

## E - T08

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 SIGNAL/COMM REPAIRS: SANDY</b>								
01 South Ferry/Whitehall Restoration	SGR	0.0	0.0	0.0	100.0	100.0	0.0	200.0
02 Rockaway Line Restoration	SGR	0.0	0.0	0.0	230.0	230.0	0.0	460.0
06 Signal/Comm Restoration: Various Locations	SGR	0.0	0.0	0.0	12.5	12.5	0.0	25.0
07 Signals Restoration	SGR	0.0	0.0	0.0	385.0	385.0	0.0	770.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$727.5</b>	<b>\$727.5</b>	<b>\$0.0</b>	<b>\$1,455.0</b>
<b>Category Total T08</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$727.5</b>	<b>\$727.5</b>	<b>\$0.0</b>	<b>\$1,455.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## New York City Transit

# TRACTION POWER

## E - T09

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 TRACTION POWER REPAIRS: SANDY</b>								
01 South Ferry/Whitehall Restoration	SGR	0.0	0.0	0.0	15.0	15.0	0.0	30.0
02 Rockaway Line Restoration	SGR	0.0	0.0	0.0	12.5	12.5	0.0	25.0
06 Traction Power Restoration: Various Locations	SGR	0.0	0.0	0.0	111.5	111.5	0.0	223.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$139.0</b>	<b>\$139.0</b>	<b>\$0.0</b>	<b>\$278.0</b>
<b>Category Total T09</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$139.0</b>	<b>\$139.0</b>	<b>\$0.0</b>	<b>\$278.0</b>

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# Security / Disaster Recovery

## New York City Transit

# SHOPS & YARDS

## E - T10

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 SHOPS &amp; YARDS REPAIRS: SANDY</b>								
08 Facilities Restoration	SGR	0.0	0.0	0.0	260.0	260.0	0.0	520.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$260.0</b>	<b>\$260.0</b>	<b>\$0.0</b>	<b>\$520.0</b>
<b>Category Total T10</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$260.0</b>	<b>\$260.0</b>	<b>\$0.0</b>	<b>\$520.0</b>

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# Security / Disaster Recovery

## New York City Transit

# MISCELLANEOUS/EMERGENCY

## E - T16

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 MISCELLANEOUS REPAIRS: SANDY</b>								
08 Facilities Restoration	SGR	0.0	0.0	0.0	15.0	15.0	0.0	30.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15.0</b>	<b>\$15.0</b>	<b>\$0.0</b>	<b>\$30.0</b>
<b>Category Total T16</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$15.0</b>	<b>\$15.0</b>	<b>\$0.0</b>	<b>\$30.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Staten Island Railway

# STATEN ISLAND RAILWAY

## E - S07

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 SIR: SANDY</b>								
09 Staten Island Railway Restoration	SGR	0.0	0.0	0.0	30.0	30.0	0.0	60.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$30.0</b>	<b>\$30.0</b>	<b>\$0.0</b>	<b>\$60.0</b>
<b>Category Total S07</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$30.0</b>	<b>\$30.0</b>	<b>\$0.0</b>	<b>\$60.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Long Island Rail Road

# LINE STRUCTURES

## E - L04

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 LINE STRUCTURE REPAIRS: SANDY</b>								
01 East River Tunnel & Adjacent Infra. Rest.	SGR	0.0	0.0	0.0	24.0	56.0	0.0	80.0
02 System-wide Assessment/Various Repl.	SGR	0.0	0.0	0.0	5.1	11.9	0.0	17.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$29.1</b>	<b>\$67.9</b>	<b>\$0.0</b>	<b>\$97.0</b>
<b>Category Total L04</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$29.1</b>	<b>\$67.9</b>	<b>\$0.0</b>	<b>\$97.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Long Island Rail Road

# COMMUNICATIONS & SIGNALS

## E - L05

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 COMM/SIGNAL REPAIRS: SANDY</b>								
01 Long Beach Branch - Systems Restoration	SGR	0.0	0.0	0.0	13.5	31.5	0.0	45.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$13.5</b>	<b>\$31.5</b>	<b>\$0.0</b>	<b>\$45.0</b>
<b>Category Total L05</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$13.5</b>	<b>\$31.5</b>	<b>\$0.0</b>	<b>\$45.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Long Island Rail Road

# SHOPS AND YARDS

## E - L06

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 SHOP &amp; YARD REPAIRS: SANDY</b>								
01 Western Rail Yards (West Side/L.I. City)	SGR	0.0	0.0	0.0	10.5	24.5	0.0	35.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.5</b>	<b>\$24.5</b>	<b>\$0.0</b>	<b>\$35.0</b>
<b>Category Total L06</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$10.5</b>	<b>\$24.5</b>	<b>\$0.0</b>	<b>\$35.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Long Island Rail Road

# POWER

## E - L07

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 POWER REPAIRS: SANDY</b>								
01 Substation Replacements	SGR	0.0	0.0	0.0	25.5	59.5	0.0	85.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.5</b>	<b>\$59.5</b>	<b>\$0.0</b>	<b>\$85.0</b>
<b>Category Total L07</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.5</b>	<b>\$59.5</b>	<b>\$0.0</b>	<b>\$85.0</b>

\* Represents values less than \$50,000



# Security / Disaster Recovery

## Long Island Rail Road

# MISCELLANEOUS

## E - L09

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 MISCELLANEOUS REPAIRS: SANDY</b>								
01 Infrastructure/System Upgrades (Various Locs)	SGR	0.0	0.0	0.0	1.5	3.5	0.0	5.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.5</b>	<b>\$3.5</b>	<b>\$0.0</b>	<b>\$5.0</b>
<b>Category Total L09</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.5</b>	<b>\$3.5</b>	<b>\$0.0</b>	<b>\$5.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Metro-North Railroad

# ROLLING STOCK

## E - M01

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 ROLLING STOCK: SANDY</b>								
02 Rolling Stock Restoration	SGR	0.0	0.0	0.0	3.3	0.0	0.0	3.3
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.3</b>
<b>Category Total M01</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.3</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$3.3</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Metro-North Railroad

# TRACK AND STRUCTURES

## E - M03

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 TRACK/STRUCTURE REPAIRS: SANDY</b>								
02 Right of Way Restoration: Various Locations	SGR	0.0	0.0	0.0	5.0	3.0	0.0	8.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5.0</b>	<b>\$3.0</b>	<b>\$0.0</b>	<b>\$8.0</b>
<b>Category Total M03</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$5.0</b>	<b>\$3.0</b>	<b>\$0.0</b>	<b>\$8.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Metro-North Railroad

# COMMUNICATIONS AND SIGNALS

## E - M04

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 COMM/SIGNAL REPAIRS: SANDY</b>								
05 Comm & Signal Infrastructure Restoration	SGR	0.0	0.0	0.0	8.0	57.0	0.0	65.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.0</b>	<b>\$57.0</b>	<b>\$0.0</b>	<b>\$65.0</b>
<b>Category Total M04</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$8.0</b>	<b>\$57.0</b>	<b>\$0.0</b>	<b>\$65.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Metro-North Railroad

# POWER

## E - M05

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 POWER REPAIRS: SANDY</b>								
06 Power Infrastructure Restoration	SGR	0.0	0.0	0.0	7.0	25.0	79.0	111.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7.0</b>	<b>\$25.0</b>	<b>\$79.0</b>	<b>\$111.0</b>
<b>Category Total M05</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$7.0</b>	<b>\$25.0</b>	<b>\$79.0</b>	<b>\$111.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Metro-North Railroad

# MISCELLANEOUS

## E - M08

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 MISCELLANEOUS REPAIRS: SANDY</b>								
01 Haverstraw Ferry Terminal	SGR	0.0	0.0	0.0	1.0	0.0	0.0	1.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.0</b>
<b>Category Total M08</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1.0</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## MTA Bus Company

# BUS COMPANY PROJECTS

## E - U03

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 BUS COMPANY REPAIRS: SANDY</b>								
01 Far Rockaway Depot Rehabilitation	SGR	0.0	0.0	0.0	25.0	0.0	0.0	25.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.0</b>
<b>Category Total U03</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$25.0</b>

\* Represents values less than \$50,000



# Security / Disaster Recovery

## Capital Construction Company

# MISCELLANEOUS

## E - G16

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 MISCELLANEOUS REPAIRS: SANDY</b>								
09 East Side Access Impacts		0.0	0.0	0.0	20.2	0.0	0.0	20.2
10 Second Ave Subway Impacts		0.0	0.0	0.0	3.5	0.0	0.0	3.5
11 Flushing Line Extension Impacts		0.0	0.0	0.0	1.3	0.0	0.0	1.3
12 Fulton Center Impacts		0.0	0.0	0.0	0.8	0.0	0.0	0.8
14 IESS East River Tunnel Impacts		0.0	0.0	0.0	22.0	0.0	0.0	22.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$47.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$47.8</b>
<b>Category Total G16</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$47.8</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$47.8</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Bridges and Tunnels

# STRUCTURES

## E - D01

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 STRUCTURE REPAIRS: SANDY</b>								
01 Emergency Inspections, Assessments and Rest.	SGR	0.0	0.0	0.0	0.3	11.1	0.0	11.4
02 Hugh L. Carey Tunnel Restoration	SGR	0.0	0.0	0.0	31.0	277.0	0.0	308.0
03 Queens Midtown Tunnel Restoration	SGR	0.0	0.0	0.0	23.0	206.0	0.0	229.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$54.3</b>	<b>\$494.1</b>	<b>\$0.0</b>	<b>\$548.4</b>
<b>Category Total D01</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$54.3</b>	<b>\$494.1</b>	<b>\$0.0</b>	<b>\$548.4</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Bridges and Tunnels

# ROADWAYS & DECKS

## E - D02

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 ROADWAY/DECK REPAIRS: SANDY</b>								
02 Hugh L. Carey Tunnel Restoration	SGR	0.0	0.0	0.0	5.0	46.0	0.0	51.0
03 Queens Midtown Tunnel Restoration	SGR	0.0	0.0	0.0	4.2	34.9	0.0	39.1
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9.2</b>	<b>\$80.9</b>	<b>\$0.0</b>	<b>\$90.1</b>
<b>Category Total D02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9.2</b>	<b>\$80.9</b>	<b>\$0.0</b>	<b>\$90.1</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Bridges and Tunnels

# UTILITIES

## E - D04

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 UTILITIES: SANDY</b>								
01 Emergency Inspections, Assessments & Rest.	SGR	0.0	0.0	0.0	0.0	1.0	30.3	31.3
02 Hugh L. Carey Tunnel Restoration	SGR	0.0	0.0	0.0	4.0	35.0	0.0	39.0
03 Queens Midtown Tunnel Restoration	SGR	0.0	0.0	0.0	2.5	26.3	0.0	28.8
04 Replace PBX System, Repair IT and Other Equip.	SGR	0.0	0.0	0.0	2.5	1.5	0.0	4.0
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9.0</b>	<b>\$63.8</b>	<b>\$30.3</b>	<b>\$103.1</b>
<b>Category Total D04</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$9.0</b>	<b>\$63.8</b>	<b>\$30.3</b>	<b>\$103.1</b>

\* Represents values less than \$50,000

# Security / Disaster Recovery

## Bridges and Tunnels

# BUILDINGS & SITES

## E - D05

Commitments  
(\$ in millions)

ELEMENT DESCRIPTION/PROJECT	Needs Code	2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>02 BUILDING SITE REPAIRS: SANDY</b>								
01 Emergency Inspections, Assessments & Rest.	SGR	0.0	0.0	0.0	0.0	2.3	30.0	32.3
02 Hugh L. Carey Tunnel Restoration	SGR	0.0	0.0	0.0	0.5	1.5	0.0	2.0
03 Queens Midtown Tunnel Restoration	SGR	0.0	0.0	0.0	0.4	1.2	0.0	1.6
<b>Element Total 02</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.9</b>	<b>\$5.0</b>	<b>\$30.0</b>	<b>\$35.9</b>
<b>Category Total D05</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.9</b>	<b>\$5.0</b>	<b>\$30.0</b>	<b>\$35.9</b>
<b>TOTAL PROGRAM</b>		<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$1,994.6</b>	<b>\$2,620.7</b>	<b>\$139.3</b>	<b>\$4,754.6</b>

\* Represents values less than \$50,000

## ALL AGENCY SUMMARY

		Commitments (\$ in millions)						
AGENCY		2010	2011	2012	2013	2014	Post 2014	Total All Years
<b>Total</b>	<b>New York City Transit</b>	<b>\$3,525.4</b>	<b>\$1,507.6</b>	<b>\$2,013.9</b>	<b>\$2,415.1</b>	<b>\$2,187.0</b>	<b>\$0.0</b>	<b>\$11,649.0</b>
<b>Total</b>	<b>Long Island Rail Road</b>	<b>\$300.2</b>	<b>\$700.8</b>	<b>\$256.4</b>	<b>\$541.9</b>	<b>\$516.3</b>	<b>\$0.0</b>	<b>\$2,315.6</b>
<b>Total</b>	<b>Metro-North Railroad</b>	<b>\$392.9</b>	<b>\$274.5</b>	<b>\$286.1</b>	<b>\$282.3</b>	<b>\$308.3</b>	<b>\$0.0</b>	<b>\$1,544.1</b>
<b>Total</b>	<b>MTA Bus Company</b>	<b>\$50.9</b>	<b>\$78.4</b>	<b>\$115.4</b>	<b>\$30.4</b>	<b>\$21.9</b>	<b>\$0.0</b>	<b>\$297.0</b>
<b>Total</b>	<b>Security / Disaster Recovery: (Core + Hurricane Sandy)</b>	<b>\$50.0</b>	<b>\$50.0</b>	<b>\$135.0</b>	<b>\$1,971.2</b>	<b>\$2,026.9</b>	<b>\$79.0</b>	<b>\$4,312.1</b>
	Security (Core)	\$50.0	\$50.0	\$135.0	\$50.0	\$50.0	\$0.0	\$335.0
	Disaster Recovery (Hurricane Sandy)	\$0.0	\$0.0	\$0.0	\$1,921.2	\$1,976.9	\$79.0	\$3,977.1
<b>Total</b>	<b>MTA Interagency</b>	<b>\$222.0</b>	<b>\$8.2</b>	<b>\$58.4</b>	<b>\$13.2</b>	<b>\$13.2</b>	<b>\$0.0</b>	<b>\$315.0</b>
<b>Core Subtotal</b>		<b>\$4,541.4</b>	<b>\$2,619.5</b>	<b>\$2,865.1</b>	<b>\$5,254.1</b>	<b>\$5,073.6</b>	<b>\$79.0</b>	<b>\$20,432.7</b>
<b>Total</b>	<b>Capital Construction Company</b>	<b>\$72.0</b>	<b>\$1,909.6</b>	<b>\$2,979.7</b>	<b>\$487.2</b>	<b>\$290.7</b>	<b>\$0.0</b>	<b>\$5,739.2</b>
<b>Total 2010-2014 CPRB Program</b>		<b>\$4,613.4</b>	<b>\$4,529.1</b>	<b>\$5,844.9</b>	<b>\$5,741.3</b>	<b>\$5,364.3</b>	<b>\$79.0</b>	<b>\$26,171.9</b>
<b>Total</b>	<b>Bridges and Tunnels</b>	<b>\$384.4</b>	<b>\$570.0</b>	<b>\$435.0</b>	<b>\$548.4</b>	<b>\$141.4</b>	<b>\$0.0</b>	<b>\$2,079.2</b>
<b>Total</b>	<b>Disaster Recovery: Bridges and Tunnels (Hurricane Sandy)</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$0.0</b>	<b>\$73.4</b>	<b>\$643.8</b>	<b>\$60.3</b>	<b>\$777.5</b>
<b>Total 2010-2014 CAPITAL PROGRAM</b>		<b>\$4,997.7</b>	<b>\$5,099.1</b>	<b>\$6,279.9</b>	<b>\$6,363.0</b>	<b>\$6,149.5</b>	<b>\$139.3</b>	<b>\$29,028.6</b>

\* Represents values less than \$50,000

Numbers may not add due to rounding