



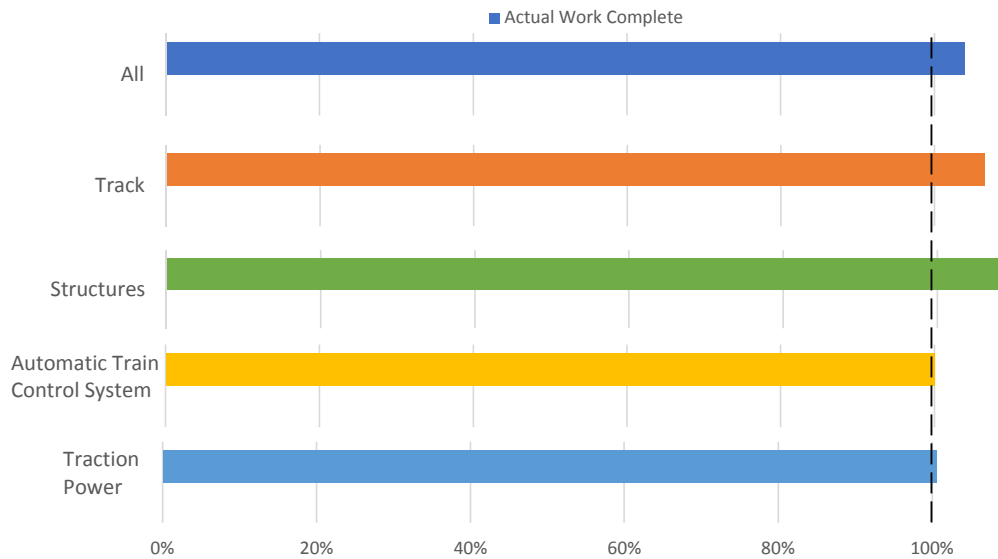
# SafeTrack: Surge 2

June 18 - July 3: Eastern Market to Minnesota Ave & Benning Road, Line Segment Shutdown

Final Report  
Data as of 07/05/16

The focus of Surge 2 is to repair/replace four major switches that allow trains to move from one track to another at the D&G junction, where the Orange, Blue and Silver lines split after Stadium-Armory Station. In addition, crews renewed most of the other rail infrastructure in this area, including crossties, rail, fasteners, signals, and power cables.

## Overall Progress (% Planned Work Complete)



### Notes:

\*Surge #2 results are preliminary and subject to quality control processes which will remain continuous throughout the duration of SafeTrack. Any remediation work that is identified will be accomplished during normal maintenance times, without impacting passenger service.

Actual work complete represents the average % complete across all tasks.

Surge 2 finished on July 3, 2016 with all critical tasks completed. As a result, this key junction between Eastern Market and Minnesota Avenue and Benning Road was brought into a state of good repair.

During the surge, priority was given to addressing potential defects and repairing or replacing critical rail infrastructure that affects train speeds and ride quality. Additional regular and preventive maintenance activities were fit in as time permitted. These maintenance activities are and will continue to be conducted on a regular basis during non-revenue hours to keep the infrastructure in a state of good repair.

Critical tasks accomplished during the surge include:

- + Replacement of 4 major switches
- + Replacement of over 500 crossties
- + Renewal of over 230 insulators
- + Elimination of over 20 joints
- + Renewal of over 2,000 linear feet of grout pads
- + Renewal of 12 signals
- + Inspection and repair of over 180 power cables





# SafeTrack: Surge 2 Detailed Report

Final Report: 7/5/2016

	Task	unit	Completed During Surge
<b>Track</b>	Crosstie renewal	# crossties	533
	Insulator renewal	# insulators	235
	Switch renewal	# switches	4
	Fastener renewal	# fasteners	2,116
	Stud renewal	# studs	2,754
	Third rail maintenance	# linear feet cover board	642
	Third Rail Expansion Joint elimination	# joints welded	10
	Stringer Rail renewal	# linear feet	1,745
	Joint elimination	# joints welded	22
<b>Structures</b>	Grout Pad renewal	# linear feet grout pad	2,005
	Track bed cleaning	# linear feet	3,160
	Drain maintenance	# linear feet	7,148
	Leak mitigation	# leaks	69
<b>Automatic Train Control System</b>	Signal replacement/refurbishment	# signals	12
<b>Traction Power System</b>	Emergency Trip Station Repair	# units	13
	Tunnel light repair/relamp	# units	140
	Power Cable repair/replacement	# cables	183