



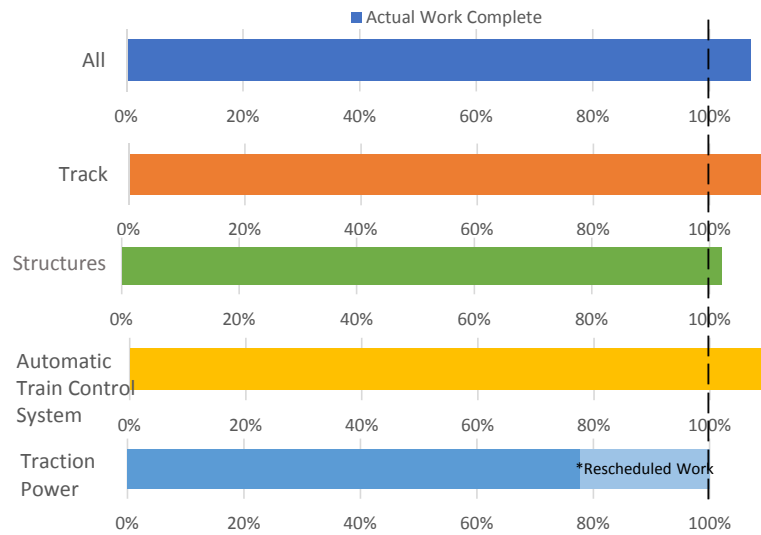
SafeTrack: Surge 1

June 4-16: Ballston to East Falls Church Track 1, Continuous Single Tracking

Final report: Data as of 06/22/16

The focus of Surge 1 is to repair/replace track and other rail infrastructure elements to provide a system that is free from safety defects, improves service reliability by eliminating speed restrictions and improves ride quality.

Overall Progress (% Planned Work Complete)



Surge 1 finished on June 16, 2016, with almost all tasks completed. As a result, this section of track 1 from Ballston to East Falls Church was brought into a state of good repair.

During the surge, priority was given to addressing potential safety 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 over 1,800 cross-ties
- + Renewal of over 540 insulators
- + Renewal of over 3,100 linear feet of spot rail
- + Inspection and repair of 30 power cables and 24 expansion cables

In some cases, work crews were able to accomplish more than originally planned, such as renewing about 500 additional fasteners and inspecting and repairing about 70 additional Intrusion Detection Warning (IDW) systems.

- *Rescheduled work: one task remains for traction power
- +Two junction boxes will be inspected and repaired when crews return to this area during surge 5 at the end of July

*Surge #1 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.





SafeTrack: Surge 1 Detailed Report

6/22/2016

	Key Tasks	<i>unit</i>	Completed During Surge
Track	Crosstie renewal	# crossties	1,856
	Insulator renewal	# insulators	541
	Fastener renewal	# fasteners	2,214
	Spot rail renewal	# linear feet	3,184
		# linear feet cover	
	Third rail maintenance	board	410
	Joint elimination	# joints welded	16
Structures	Track bed cleaning	# linear feet	3,150
	Drain maintenance	# linear feet	4,191
	Leak repair	# leaks	20
	Tunnel light repair/relamp	# units	17
Automatic Train Control (ATC) System	Intrusion Detection Warning (IDW) System Renewal	# IDW systems	208
	Traction Power		
	Power Cables	# cables	30
	Expansion Cables	# cables	24