

Green Line Transformation

Week in Review and Lookahead



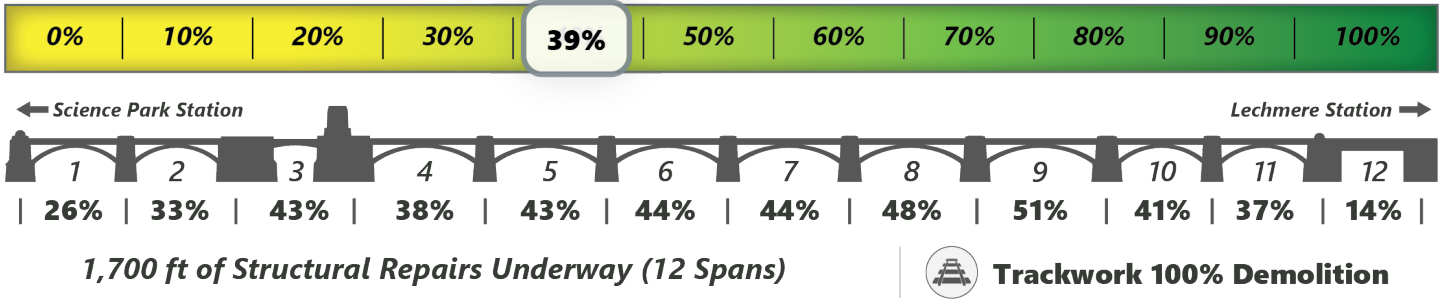
Friday, November 13, 2020

Week in Review | *Historic Rehabilitation of Lechmere Viaduct*

Rehabilitation of the Lechmere Viaduct presents challenges that are unique to this historic, concrete arched structure spanning the Charles River to connect Boston and East Cambridge for more than 100 years. Strengthening and repairing the Viaduct in preparation for the Green Line Extension to become operational will allow more frequent trains to better serve riders for decades to come. Take a look at our progress and see what's to come.



Construction Underway | *Recap*



Strengthen and preserve the 110-year-old viaduct for heavier loads and increased train frequency

- ✓ **Last Week** | Structural carbon fiber wrapping on arches continued for Spans 4-6 & 8-9. Demolition on Span 3-4 & 11, concrete cleaning on Spans 4-8 and crack injection on Spans 4-7

Fenway Portal Flood Protection Project



0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **92%** | 100%



Floodgates Installed
Signal Connections
& Testing Remaining



Portal Doors
Fabrication Completed
(Door panels were installed 95%)



Overhead Catenary
Modified 100%



1 Week of Early Access*
Monday - Thursday 9:00pm - 5:00am



+2 More Weekends**
Saturday 3:00am - Monday 5:00am

Addition of floodgates and large steel doors to the Fenway tunnel entrance to prevent future flooding

- ✓ **Last Weekend** | Weekend (November 7 – 8) and early access weeknights (November 9 – 12): Installation of new inbound and outbound flood door panels

* Schedule subject to change with weather conditions and in accordance with public health directives

**Final weekend diversion will have early access starting on Friday at 9:00pm

D Branch Track & Signal Replacement



0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | 90% | 100%



18,850 Track Feet
of Track Replaced
(25,000 tf total)



27,000 Route Feet
of Signal System Replaced
(37,500 rf total)



7 Units
of Special Trackwork
Replaced (27 units total)



22 Weeks Early Access*
Weeknights 9:00pm - 5:00am



+21 Weekends*
Saturday 12:00am - Monday 5:00am

Upgrade 25,000 feet of track and 7 route miles of signal cable (Beaconsfield to Riverside)

- ✓ **Last Week** | Weekend work continued (November 7 – 8) with Chestnut Hill track replacement, installation of catenary wires, and signal work

*Schedule subject to change with weather conditions and in accordance with public health directives