

# Green Line Transformation

## Week in Review and Lookahead



Friday, November 6, 2020

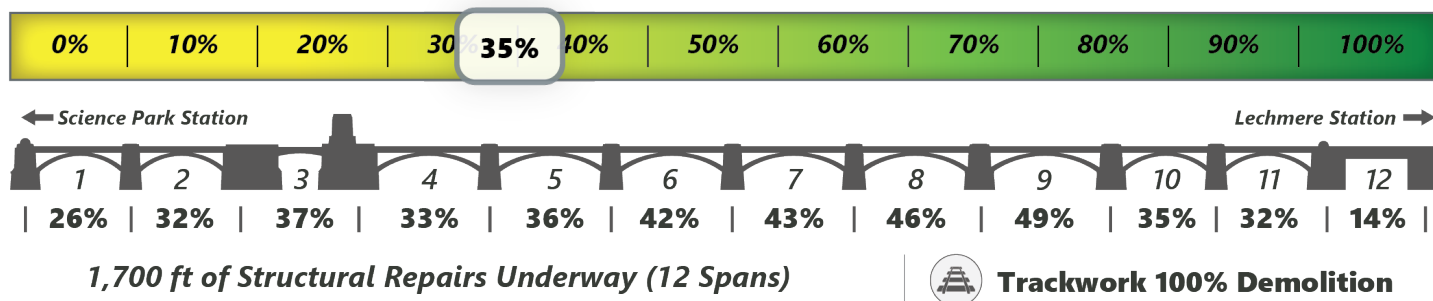
### Week in Review | Advancing Design

The **Symphony Station Accessibility Improvements** project will modernize all entrances to this station to provide fully accessible street level elevators connecting riders to accessible underground inbound and outbound platforms. In addition, this project includes new track and upgraded signals for improved reliability and safety, as well as updated communication systems, lighting and signage. The project is currently in the design phase and will continue to advance in 2021. See what is planned for Symphony Station.



### Construction Underway | Recap

## Lechmere Viaduct Rehabilitation



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

- ✓ **Last Week** | Crews continued pulling and testing fiber cable from North Station and repairing the concrete superstructure with crack injection on Spans 5 through 10. Preparation of Span 3 completed and structural steel repairs are beginning. Structural wrapping continued in order to reinforce arches of Spans 4, 5 & 9 while preserving the historic structure.

## Fenway Portal Flood Protection Project



0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80 | **88%** | 100%



**Floodgates Installed**  
Signal Connections  
& Testing Remaining



**Portal Doors**  
Fabrication Completed  
(Site Preparatory Work 70%)



**Overhead Catenary**  
Modified 100%



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



**+3 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** | October 31 – November 1 (weekend): Crews installed the frame for the new inbound flood door at the portal entrance

\* 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



51% - Chestnut Hill

95% - Reservoir Area

95% - Beaconsfield

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



**17,915 Track Feet**  
of Track Replaced  
(25,000 tf total)



**26,805 Route Feet**  
of Signal System Replaced  
(37,500 rf total)



**7 Units**  
of Special Trackwork  
Replaced (27 units total)



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



**+22 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 (October 31 – November 1) and weeknight early access (November 2 – 5) enabled replacement of 2,000 feet of new rail east of Chestnut Hill area and thermite welding in 12 locations

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