

# Orange Line Transformation

## Construction Project Updates



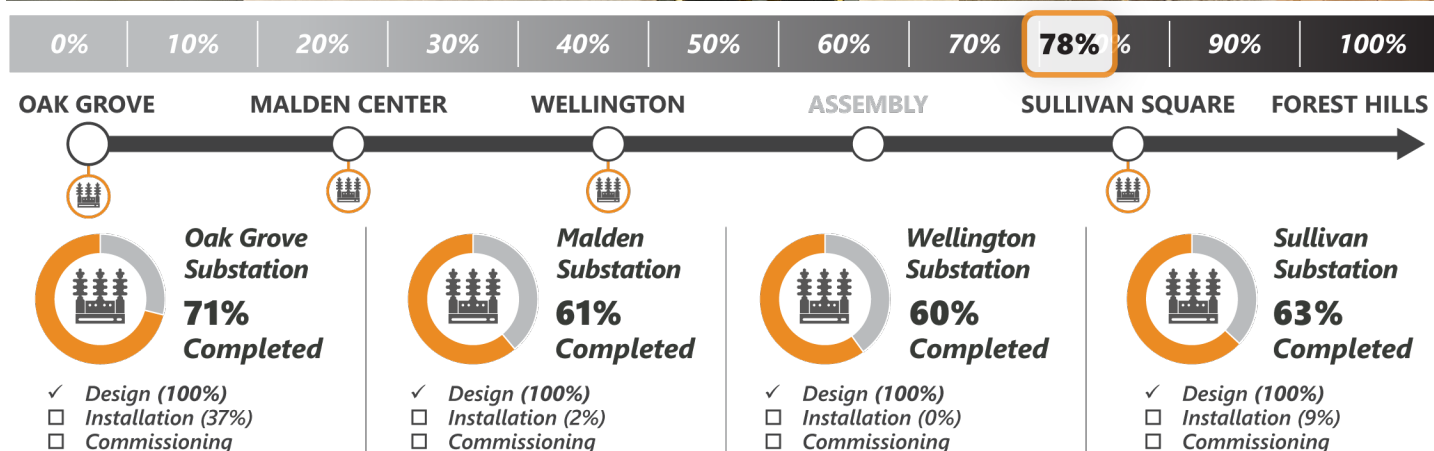
## Week in Review and Lookahead

Friday, April 22, 2022

This Monday was the 126<sup>th</sup> Boston Marathon and the first time since 2019 that the marathon was held on Patriots' Day. **Congratulations to the runners and thank you to all of the hardworking MBTA staff, Transit Police, Boston Police, local government officials, and everyone else who made it all possible!**



## Traction Power Substations



**Traction Power Substations:** Modernize the third rail power supply to reduce the risk of service disruptions; develop a power system capable of supporting additional Orange Line service

- ✓ **This Week** | Crews completed point-to-point testing at Oak Grove. These tests ensure that the substation can remotely communicate key data with the main dispatch center and allows MBTA Power Technicians to monitor change to the substation without being on site
- **Lookahead** | Crews will resume the installation of backup batteries at the Sullivan substation

# Wellington Yard and Maintenance Facility Updates



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

21,895 Feet of Track



**92%**  
Completed

69 Units of Special Track



**85%**  
Completed

Traction Power & Signals



**84%**  
Completed

[Wellington Yard:](#) Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

- ✓ **This Week** | Crews completed installing sections of third rail and underground electrical utilities, both needed to bring 600 volts of DC power to the new Orange Line trains. With the underground utilities completed, crews started to prep the area for track installation
- **Lookahead** | Crews will begin excavating work for the installation of four turnouts. Turnouts are units of specialty track which allow trains to turn from one track to another



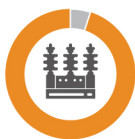
0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **85%** | 90% | 100%

Building Upgrade



**90%**  
Completed

Power Substation



**95%**  
Completed

Train Wash



**82%**  
Completed

Maintenance Bays



**60%**  
Completed

[Wellington Maintenance Facility:](#) Modernize the Vehicle Maintenance Facility to improve vehicle maintenance; reducing customer wait times, provide cleaner cars, and deliver safer operations.

- ✓ **This Week** | Crews continue to install new rail in the train wash. The rail will be welded into one continuous piece that will span the entire length of the train wash
- **Lookahead** | Crews will continue to prepare the maintenance pit tracks for steel reinforcement, which will allow the new heavier trains to use the pit tracks where MBTA Mechanics can work on components under the trains