

Orange Line Transformation

Construction Project Updates



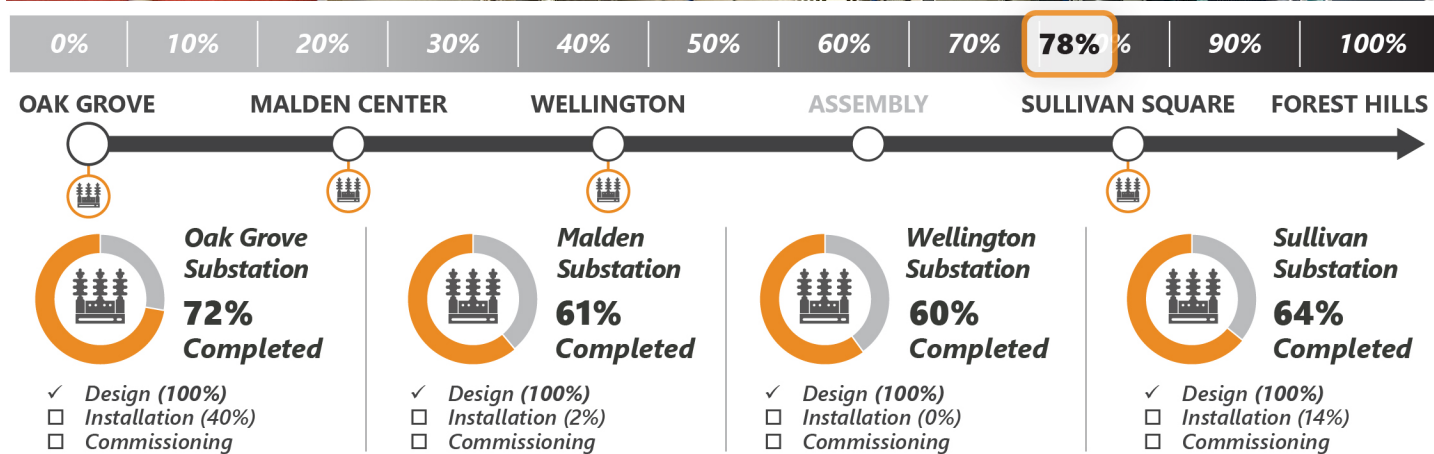
Week in Review and Lookahead

Friday, May 6, 2022

Under the Orange Line Transformation (OLT) Program, progress continues to be made on [upgrades to the Wellington Yard and Maintenance Facility](#) and Traction Power Substations. Read more below



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** | MBTA Power and National Grid validated point-to-point testing performed at Oak Grove. Crews began moving out of Oak Grove mobile substations in preparation for cutover
- **Lookahead** | Crews will continue to transition to Sullivan in preparation for testing the mobile substation to ensure that the MBTA Power Department can better remotely diagnose the power system at Sullivan

Wellington Yard and Maintenance Facility Updates



0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **92%** | 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Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.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 initiated laying track leading to the Maintenance Facility doors. Contractor continued installing underground electrical utilities needed to bring 600 volts of power to energize the Orange Line trains
- **Lookahead** | Crews will prepare sub-structure for the new rail and ballast that will be installed in the first section of the south yard



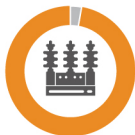
0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **86%** | 90% | 100%

Building Upgrade



90%
Completed

Power Substation



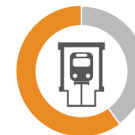
97%
Completed

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 finished installing steel plates under the new rail in the train wash. These plates are used to ensure the track is level. Installation of conduit and new lighting in the maintenance bays continued
- **Lookahead** | Crews will begin lining the existing drain in the train wash where water is captured and recycled. Contractor will begin preparing new steel structures for painting in the maintenance bays