

Orange Line Transformation

Construction Project Updates



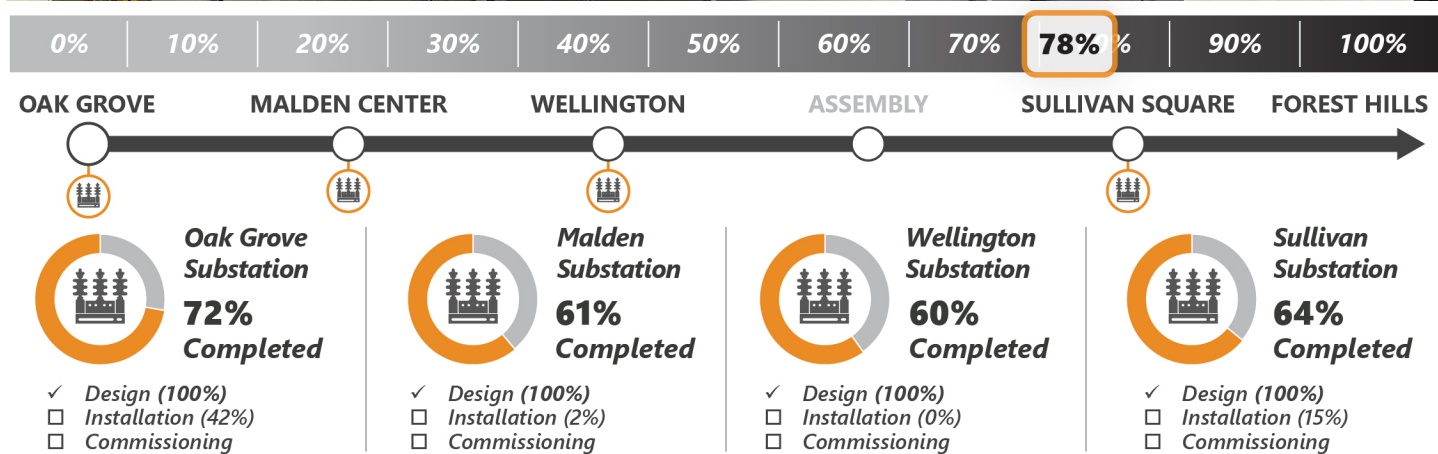
Week in Review and Lookahead

Friday, June 3, 2022

From current and upcoming work on the [Wellington Yard and Maintenance Facility](#), to ongoing work on the [Traction Power Substations](#), the Orange Line Transformation (OLT) Program remains committed to achieving holistic upgrades. Continue reading to learn about our progress



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 continued testing the mobile power substations at Sullivan Station to ensure proper communication with the MBTA Operations Control Center (OCC)
- **Lookahead** | Crews will continue testing of the Sullivan Square mobile power substations. At Oak Grove, the team will continue demolition of the existing substation electrical panels in preparation for new equipment to be installed

Wellington Yard and Maintenance Facility Updates



0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **93%** | 100%

21,895 Feet of Track



92%
Completed

69 Units of Special Track



85%
Completed

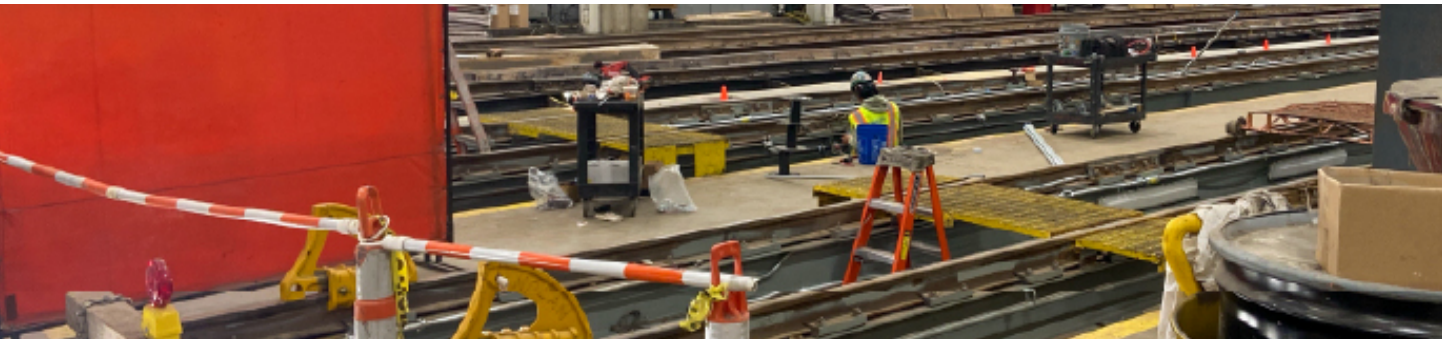
Traction Power & Signals



84%
Completed

Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

- ✓ **This Week** | Crews continued installing new track-beds and electrical utilities at the south side of the maintenance facility. Work included distribution of ballast, wooden ties, and new rails. Crews also poured new exterior concrete floor slabs at the south side of the facility. Electricians installed heat trace wire on the third rail to prevent snow and ice from affecting train movements in the winter. Contractor connected new signal wires inside the Instrument Room
- **Lookahead** | Crews will continue work in the south yard and will be installing new electrical manholes and pulling electrical cables between manholes



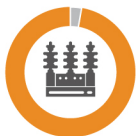
0% | 10% | 20% | 30% | 40% | 50% | 60% | 70% | 80% | **87%** | 100%

Building Upgrade



90%
Completed

Power Substation



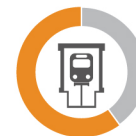
97%
Completed

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 installed new heating and air conditioning systems, and new compressed air systems. Electricians installed wiring for the facility lighting and fire alarm systems. Contractor prepared the existing concrete floors to support a new steel overhead walkway system which will allow workers to access the top of trains for maintenance
- **Lookahead** | Installation of new heating and air conditioning systems and electrical wiring. Crews will start the installation of the overhead steel walkway system to aid with train maintenance, and will begin installing new flooring materials