# **Orange Line Transformation**

**Construction Project Updates** 



## Week in Review and Lookahead Friday, February 24, 2023

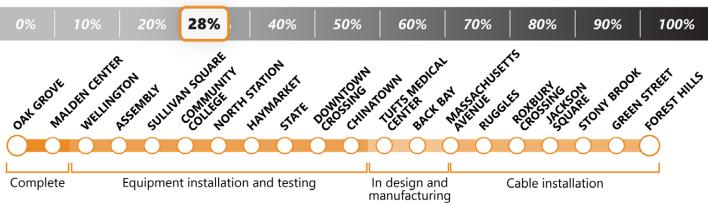
This weekend, February 25 - 26, work will continue on the demolition of the Government Center Garage. **Orange Line trains will bypass Haymarket in both directions.** Capital Transformation crews will continue rail fastener replacement on the Orange Line



#### Signal Upgrades







■ Design ■ Testing and Cutover ■ Installation ■ Complete

Orange Line Signals: Increase capacity by reducing headways with modernized signals

- ✓ **This Week** | At Wellington south, crews continued with the installation of new signal racks, wires, and cables. At Wellington north, point-to-point testing was conducted during the day and track circuit testing was done at night
- Lookahead | Crews will continue testing and installing racks, wires, and cables

### Wellington Yard and Maintenance Facility Updates





21,895 Feet of Track



99% Completed 69 Units of Special Track



99% Completed **Traction Power & Signals** 



**95%** Completed

Wellington Yard: Upgrade Wellington Yard to increase service capacity, replace outdated infrastructure, and enhance safety.

- ✓ **This Week** | Crews continued with cleanup activities, prepared for the high mast light pole installation planned for the March 4<sup>th</sup> one-day weekend yard diversion, worked on electrical panel cutover at tower W, demolished the switch gear in the electrical substation, soak tested new electrical equipment, and continued installation of the Central Instrument House (CIH) stairs
- **Lookahead** | Crews will continue working on punch list items, high mast light poles, electrical panel cutovers in coordination with yard master, and CIH stair installation

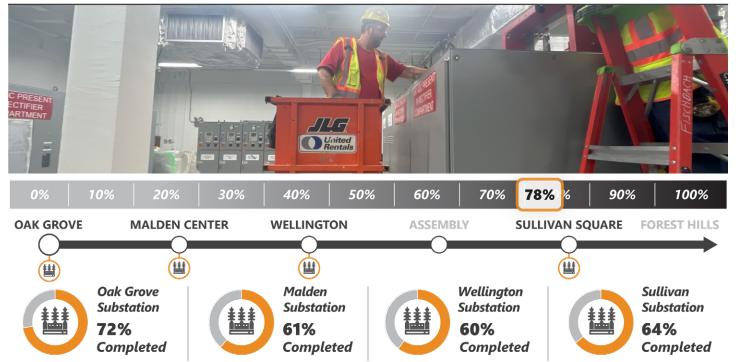


<u>Wellington Maintenance Facility:</u> Modernize the Vehicle Maintenance Facility to improve vehicle maintenance; reducing customer wait times, provide cleaner cars, and deliver safer operations.

- ✓ **This Week** | Crews worked on grouting rail at track 18, electricians tested the fire alarm system and conducted burn testing at the elevator, and painters touched up various locations within the car house
- **Lookahead** | Crews will continue working at track 18, electricians will continue working on the fire alarm system, and painters will continue touching up miscellaneous locations

#### **Traction Power Substations**





<u>Traction Power Substations:</u> 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 | At Oak Grove, crews worked to line up and install the DC switch and rectifier. At Sullivan, IP addresses were reprogrammed
- **Lookahead** | Equipment will be bolted down and tested

### Rail Fastener Replacement



- This Week | Capital Transformation leveraged last weekend's Orange Line diversion and completed the installation of all rail fasteners along the Tufts Curve Northbound track
- Lookahead | Crews will mobilize to begin installation work along the Southbound track. Crews will also perform punch list items along the Northbound track throughout the week