



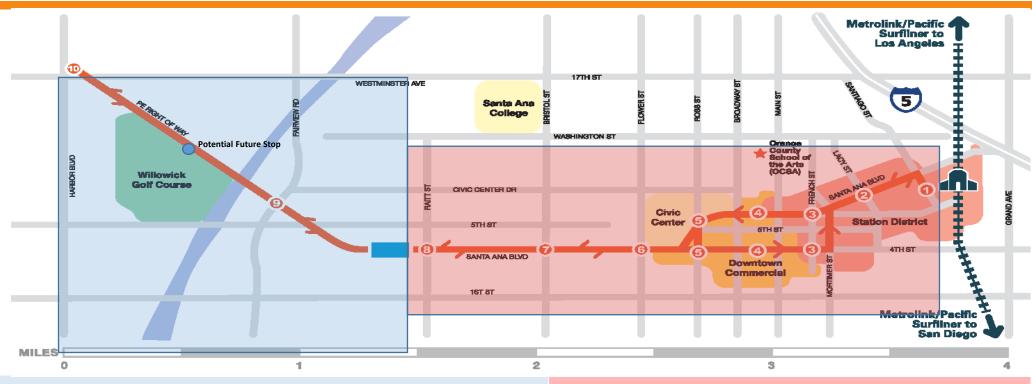








#### OC Streetcar Features



#### Pacific Electric Right-of-Way (PEROW)

- Dedicated right-of-way owned by the Orange County Transportation Authority (OCTA)
- Double-Track, Ties, and Ballast
- Two Bridges: Westminster Avenue and Santa Ana River
- Two Gated Crossings: Fairview Street and 5<sup>th</sup> Street
- Maintenance facility for eight cars west of Raitt Street
- Center Platforms
- Two-Wire Overhead Catenary System (OCS)

#### STREET RUNNING

- Traffic Signal Priority
- One-Way Couplet Downtown
  - 4<sup>th</sup> Street Eastbound, Santa Ana Boulevard Westbound

- Embedded Track (Block Rail)
- Side Platforms (except Santa Ana Regional Transportation Center)
- Protected bike lane on Santa Ana Boulevard
- One-Wire OCS with underground feeder

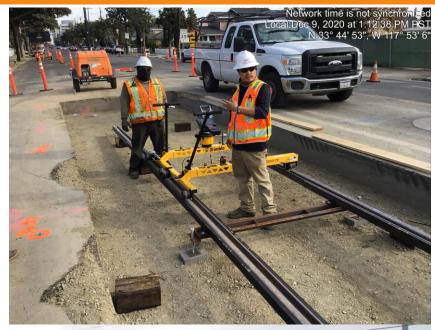
## Westminster Bridge





- Falsework was stripped from the cast-in-place Westminster Avenue Bridge.
- Retaining walls supporting the bridge were completed.
- Median is being reconstructed.

## Track Installation at Bristol Intersection









### **Upcoming Construction Milestones**

- Continued installation of:
  - In-street embedded track and PEROW ballasted track
  - OCS and traffic signal pole foundations
- Continued construction of MSF slabs and walls
- Construction of station stop platforms
- Delivery of traction power sub-stations

### Vehicles

- The first four of the eight S-700 Streetcar vehicles are near completion in that the cars have been assembled, trucks assemblies installed, interior equipping of the seats, flooring, doors and electrical systems. The four vehicles are currently undergoing static and dynamic testing to verify component and system functionality.
- The remaining four vehicles, cars five to eight, are in various stages of production, including interior equipping, final assembly, and sub-floor installation.
- Final design review of remaining vehicle components, including the energy absorbing bumper, emergency battery drive, and flange lube system.
- Ongoing coordination with Conduent and Siemens Mobility, Inc., on computer-aided dispatch and automated vehicle location design specifications.







# Vehicles











#### Outreach

- Santa Ana Business Associations
- Rail Pull Milestone
- Virtual Open House
- Eat Shop Play











take-out/dining options while you enjoy the