



OC Streetcar Project Quarterly Update

Construction – Segment 1



- Pacific Electric Right-of-Way (PEROW)
 - Substantial completion of the Santa Ana River and Westminster bridges with the placement of rails
 - Installation of train crossing signal and gate system
- Maintenance and Storage Facility
 - Construction continues including installation of the remaining yard tracks
 - Substantial completion of the exterior walls and roof, conduit and piping, girder painting, shop tracks, heating, ventilation, air conditioning, and parking lot paving

Segment 1 Progress



Double Cross-Over and Train Signal at Harbor Station

Segment 1 Progress (Cont.)



Fairview Train Crossing Signal and Gate System

Maintenance and Storage Facility



Train Signal Along
Ballast Tracks



Ballast Placement and Overhead Contact System (OCS)
Poles at Yard Rails

Maintenance and Storage Facility (Cont.)



Roofing Material and Mechanical Equipment

Maintenance and Storage Facility (Cont.)



Interior Masonry Wall Painting



Installation of Duct Insulation

Maintenance and Storage Facility (Cont.)

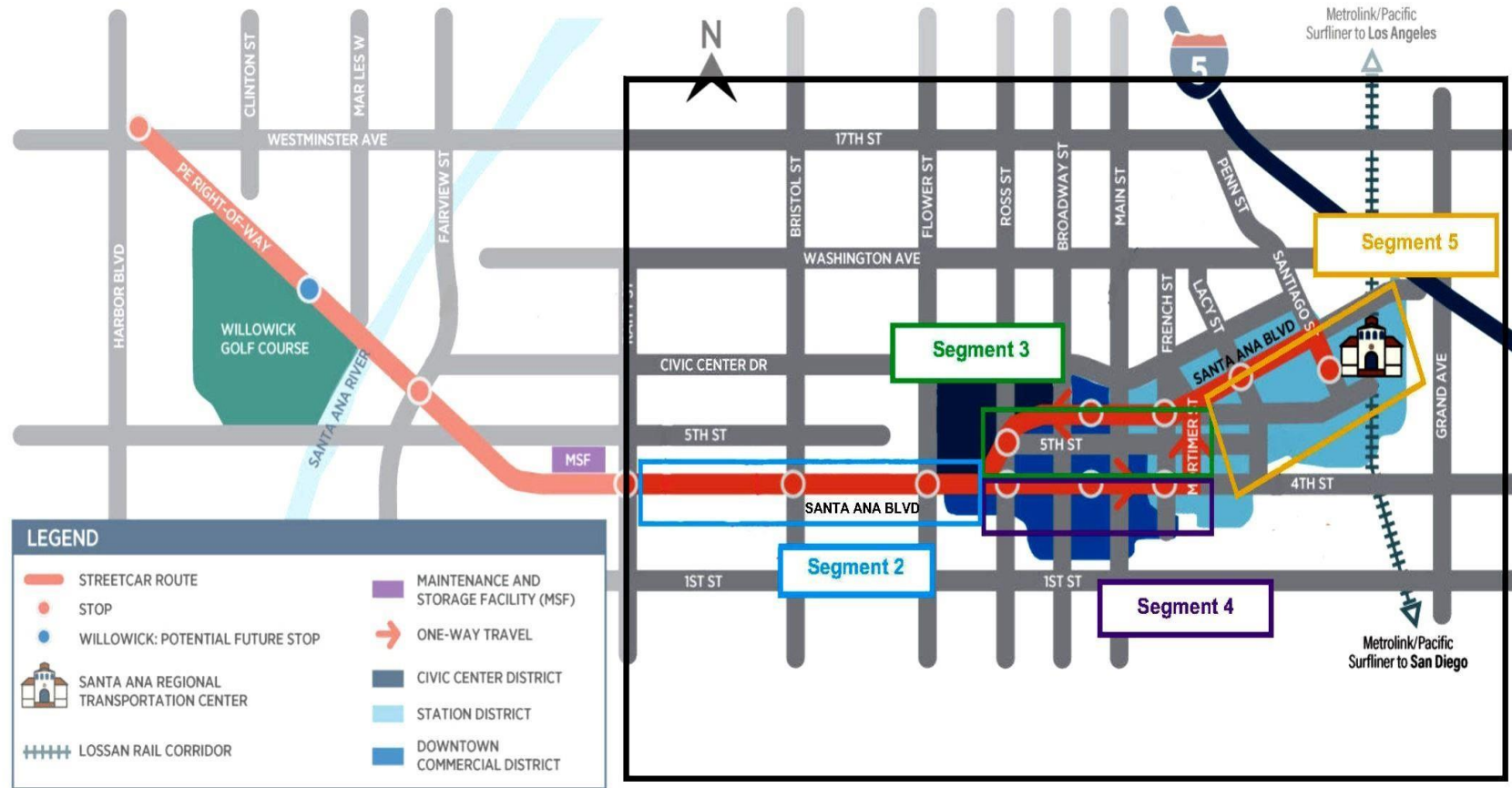


Preparation for Bi-fold Doors



Installation of Exterior Cladding and Windows

Construction – Segments 2 through 5



- Key Completions in Segments 2, 3, 4, and 5

Progress on Segment 2



OCS Wiring

Progress on Segment 2 (Cont.)



Traffic Signal Pole Installation

Progress on Segments 3 and 4



Traffic Signal Pole Installation



New Traffic Signal Controller Cabinet

Progress on Segment 5



Curve Track - Santa Ana Boulevard/Santiago Street Intersection

Progress on Segment 5 (Cont.)



Santa Ana Regional Transportation Center Station and Diamond Cross-Over Tracks

Progress on Station Platforms



Ongoing Station Platform Work at All Segments

Upcoming Construction Activities

- Segment 1 – Complete track construction and fence installation along the PEROW. Continue OCS hardware installation in preparation for OCS wiring. Continue train crossing signal and gate system at Fairview Street and Fifth Street.
- Maintenance and Storage Facility – Continue site and building work to ensure significant completion for vehicle storage. Continue installation of new equipment in the building.
- Segments 2, 3 and 4 – Continue OCS hardware installation in preparation for OCS wiring.
- Segment 5 – Complete track construction and reopen Santiago Street intersection.
- Continue station platforms at various locations.
- Complete traction power substation installation and energization at the four locations.

Vehicles

- Vehicle Production Status
 - One car is substantially complete and the remaining seven cars are approximately 80 percent complete
 - Siemens shipped Car 5 and it safely arrived in Orlando, Florida, where it will be presented at the American Public Transportation Association Expo Conference in October 2023
 - All vehicles are anticipated to be complete by Spring 2024
- Negotiations are ongoing for the extension of storage for vehicles, spare parts, special tools, and test equipment to ensure safe keeping until the MSF is ready to accept and test the vehicles.
- Staff continues to coordinate the complex pre-shipment planning for vehicle delivery.
- Staff anticipates returning to the Board of Directors for any contract amendments required for Siemens Industries, Inc., due to delay and extension of the vehicle/equipment storage and associated warranties.



Pre-Revenue Operations

- Operations and Maintenance Contractor - Herzog Transit Services, Inc. (Herzog)
 - Herzog's operations manager and maintenance manager are on-site at OCTA headquarters beginning late September 2023
 - The Railroad Roadway Protection Plan and Public Transportation Agency Safety Plan (PTASP) drafts have been reviewed by Herzog and OCTA. A draft of both documents was shared with the California Public Utilities Commission (CPUC) for an informal review in September 2023
- Rail Activation Committee (RAC)
 - The Systems Integration Test Working Group has drafted test procedures and were distributed for review and comment
 - The Emergency Response Plan Working Group is collaborating with local first responders, including Orange County Fire Authority, Santa Ana Police Department, Santa Ana and Garden Grove Public Works, and Transit Police Services (OC Sheriff) on a draft Emergency Response Plan
- CPUC Support
 - CPUC continues to be actively involved in OC Streetcar committees including the RAC, Safety and Security Review Committee and Fire Life Safety and Security Committee

Public Outreach Program

- ❑ Bi-lingual bi-weekly newsletters
- ❑ Bi-lingual door-to-door construction notices
- ❑ Field meetings
- ❑ Neighborhood and civic organization presentations
- ❑ Fourth Street merchant meetings
- ❑ Information tables at community events, such as Artwalk, Fiestas Patrias and Back-to-School nights
- ❑ Eat Shop Play social media ads, walking map and bi-weekly newsletter
- ❑ Parking structure banners
- ❑ Electronic billboards
- ❑ Interior and exterior bus ads
- ❑ Safety messaging
- ❑ Tours

