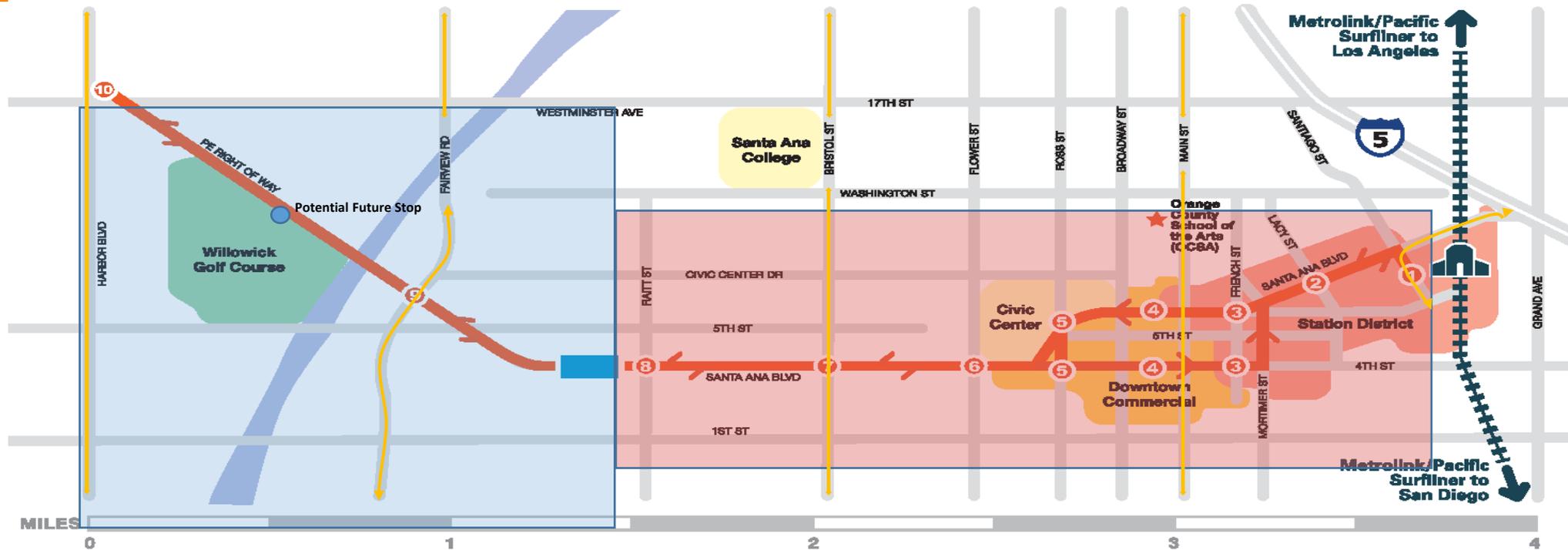


OC Streetcar Project Overview

*Community Advisory Committee
October 19, 2021*

Features



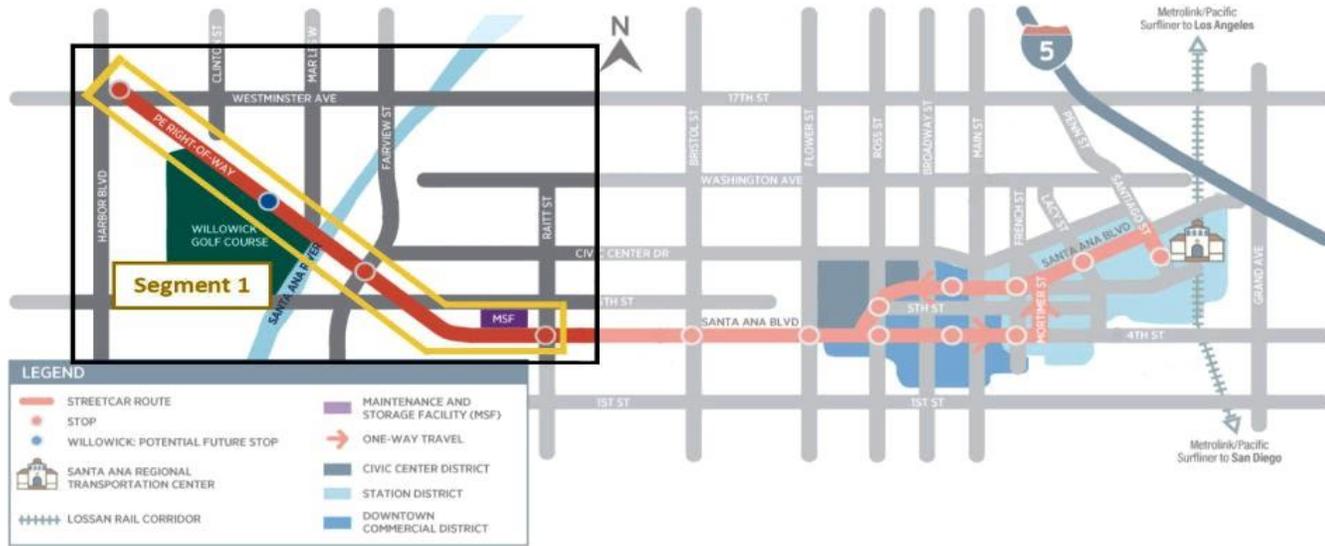
Pacific Electric Right-of-Way (PEROW)

- 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 5th 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
 - 4th 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

Construction—Segment 1



- PEROW
 - Westminster Bridge
 - Santa Ana River Bridge
 - Maintenance and Storage Facility
 - Fairview Street and 5th Street At-Grade Crossings
 - Harbor/Westminster, Fairview Street and Raitt Street Stations

Westminster Bridge



- Median is being reconstructed.
- Minor concrete placement on the bridge deck continue, including installation of plinths, which are raised curbs that the rail will be affixed to.

Santa Ana River Bridge



- Minor concrete placement on the bridge deck continue, including installation of plinths.

Stations



Fairview Street Crossing and Station



Raitt Station

Maintenance and Storage Facility (MSF)



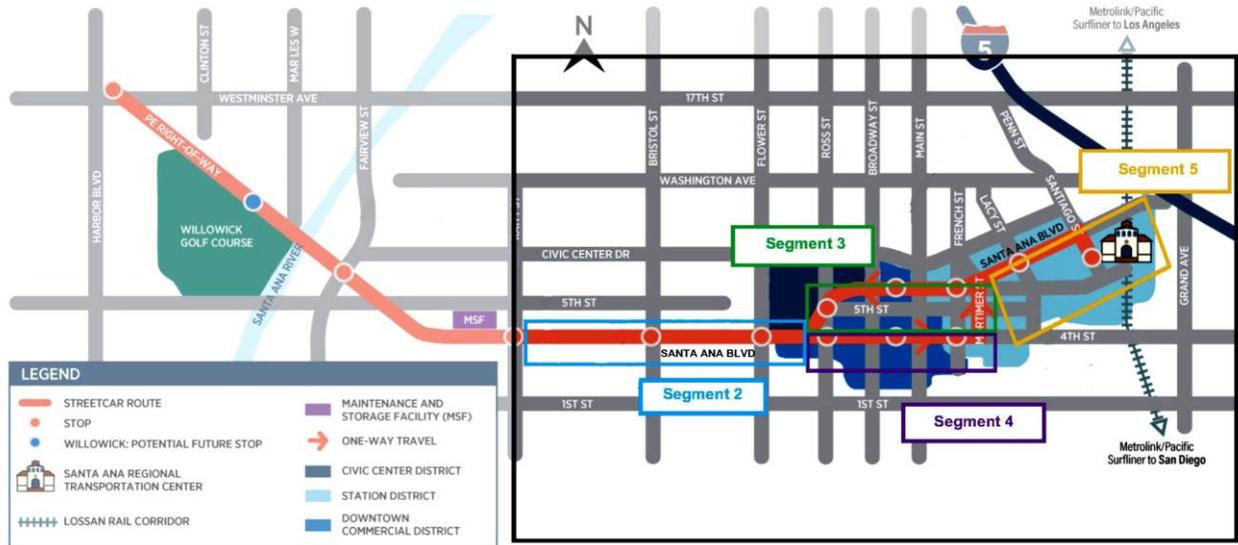
- Wheel truing pit area and east half of the facility was released back to the contractor after archeological recovery efforts resulting from cultural resource discovery in September were completed
- Work on the west half of the MSF building floor slabs, and on the car wash foundation and slab, and new utility services to the facility is ongoing

Maintenance and Storage Facility (MSF)



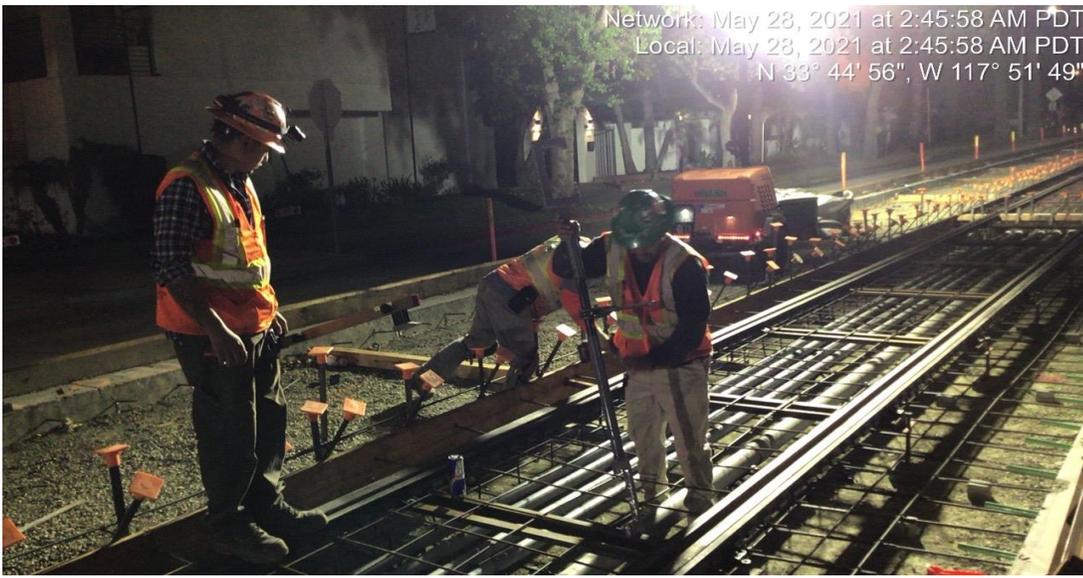
- Work on utilities, installation of storm water infiltration basin.
- Construction started on perimeter block wall.
- Continued work on west half of the MSF building floor slabs, the car wash foundation and slab, and new electrical substation.

Construction—Segments 2 Through 5



- Wet utility relocation and installation is complete
- Installation of OCS, traffic signal, and streetlight pole foundations is ongoing
- Embedded track was installed across Bristol Street in December 2020 and track installation is proceeding west towards Raitt Street in 300-foot segments
- Embedded track excavation work proceeded on Santa Ana Boulevard between Parton Street and Mortimer Street
- Track work to begin in Segment 4 (Downtown) in January 2022

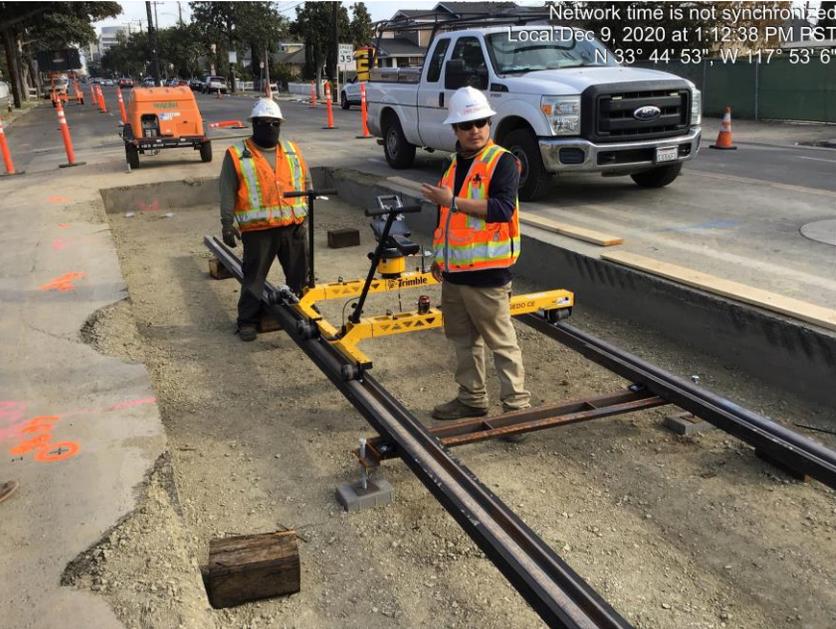
Track Installation



Track and System Installation



Track Installation at Bristol Intersection



Track Installation at Shelton to Flower



Track Installation at Main to Broadway

ACCESS TO HALL OF ADMINISTRATION

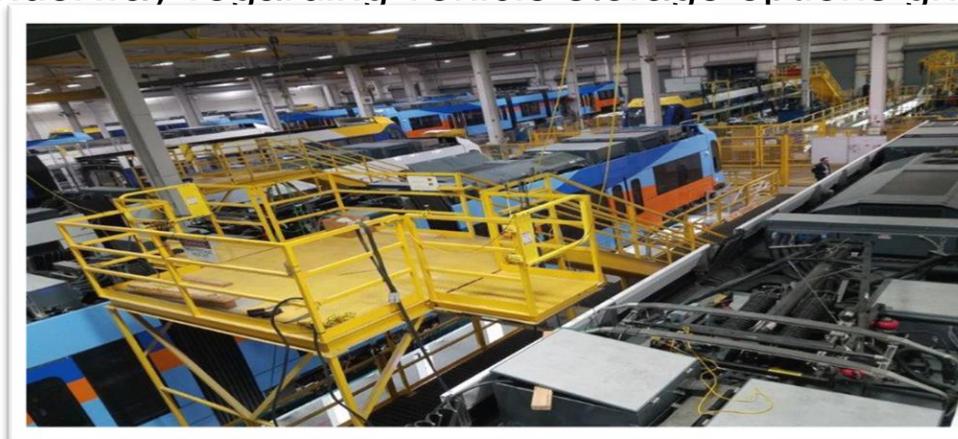


Track Installation at 4th/Mortimer



Siemens S700 Vehicles

- Eight Siemens S700 modern streetcar vehicles are in production in Sacramento, CA
- Key Features: maximum capacity up to 211, max. service speed is 44 mph, 70% low floor vehicle, level boarding, 8 sets of double doors- four sets on each side of vehicle
- Different than light rail in that cars don't operate in tandem. Operationally different in that streetcar stations stops are smaller, shorter distance between stops and typically doesn't operate in a dedicated lane.
- Status: The first seven of the eight S700 Streetcar vehicles are near completion in that the cars have been assembled and are undergoing testing
- Negotiations with Siemens underway regarding vehicle storage options given construction delays



Outreach

- Bi-lingual Door-to-Door Notices
- Eat Shop Play
- Downtown Business Associations



*Face covering required

EAT SHOP PLAY

D TSA Farmers' Market

Every Tuesday night from 3 - 7 PM
3rd St and Bush St, Santa Ana, CA 92701
www.nativeharvestevents.com

OCSTREETCAR
octa.net/eatshopplay



BUSINESS Spotlight

EAT SHOP PLAY

Looking to grab a bite of Mexican food to celebrate National Tortilla Chip Day on 02/24? Check out the local businesses featured below!



Taquerias Guadalajara

Restaurante Las Cazuelas

El Rincon Mexicano

El Mercado Modern Cuisine

OC Streetcar Track Construction

OCSTREETCAR

How will the OC Streetcar track be constructed?
Crews will install the streetcar rail and infrastructure in a series of steps:



01 Excavating and removing asphalt from the street

02 Pulling pre-prepared rail into position

03 Installing base foundation materials

04 Installing electrical systems

05 Laying down the base materials

06 Pouring the track base around the rail

The OC Streetcar features two types of rail:

1. Rail laid on top of ballast (crushed stone) and anchored by rail ties. The OC Streetcar will use this type of rail in the Pacific Electric Right-of-Way between Harbor Boulevard and Westminster Avenue and Raitt Street.
2. Rail embedded in the street. This type of rail will be featured on most of the project route.

What to expect during track construction:

- 24-hour lane closures, parking closures and pedestrian detours
- Construction crews working near your home or business
- Use of heavy machinery to remove asphalt and prepare trench for track bed

This work may be loud. Schedule is subject to change due to inclement weather or unforeseen operational factors.

Thank you for your patience as we build a new transportation option that will benefit residents, commuters and business owners.

OCStreetcar.com | OCStreetcar@octa.net | 1(844) 760-OCSC or 1(844) 746-6272 | Facebook.com/OCStreetcar | @OCStreetcar

LIVING CAREFREE AND CAR-FREE
VIVIENDO DESPREOCUPADO Y LIBRE DE COCHES

The OC Streetcar will benefit residents, commuters and visitors. It will. El tránsito de OC beneficiará residentes, pasajeros y visitantes. ¡Va!

- RESIDENTS / RESIDENTES**
Provide easy and reliable connectivity between neighborhoods, businesses and major destinations. *Proporcionar una conectividad fácil y confiable entre los vecindarios, negocios y destinos principales.*
- LOCAL BUSINESSES / NEGOCIO LOCAL**
Boost business investment and opportunities and create jobs. *Impulsar la inversión y las oportunidades comerciales y crear empleos.*
- COMMUTERS / PASAJEROS**
Give commuters in Southern California a last-mile connection from the Santa Ana Regional Transportation Center to Downtown Santa Ana and Garden Grove. *Ofrecer a los viajeros en el sur de California una conexión de último milla desde el Centro de Transporte Regional de Santa Ana hasta el centro de Santa Ana y Garden Grove.*
- ORANGE COUNTY / CONDADO DE ORANGE**
Allow transit riders and visitors to rely on public transportation for their entire journey throughout Orange County and beyond. *Hacer posible que los usuarios del transporte público y los visitantes puedan confiar en el transporte público durante todo su viaje en todo el Condado de Orange y más allá.*

CONSTRUCTION SAFETY TIPS
CONSEJOS DE SEGURIDAD PARA LAS ZONAS DE CONSTRUCCIÓN

- Be alert around construction.**
Manténgase alerta en las zonas de construcción.
- Allow for extra travel time.**
Planee sus viajes con tiempo adicional.
- Follow traffic signals and message boards.**
Siga los señales de tráfico y los tableros de mensajes.
- Always use designated crosswalks.**
Siempre utilice cruces peatonales designados.
- Limit distractions such as cellphones and headphones.**
Limite las distracciones, como el uso de teléfonos celulares y audífonos.

Coming in 2022
Próximamente en 2022

OCSTREETCAR
MOVING FORWARD | AVANZANDO



Stay Connected / Manténgase Conectado

OCStreetcar.com | OCStreetcar@octa.net | 1(844) 760-OCSC or 1(844) 746-6272

Download the Streetcar App | Descargue la aplicación "Streetcar" en su teléfono. [OCStreetcar](#)

Facebook.com/OCStreetcar | @OCStreetcar

En bất kỳ thời điểm nào và việc xây dựng OC Streetcar (và Đôn Đôn), sự lắng nghe của chúng tôi theo số 1-844-746-6272 hoặc gửi email cho chúng tôi tại OCStreetcar@octa.net.

Community Connectivity

1,455 residential units **50,000+** sq ft commercial space



OC Streetcar Route

OC Streetcar Stop

Santa Ana Regional Transportation Center

Development Projects
Information from Santa Ana – Major Development Activity Report, Updated April 2021

Questions?