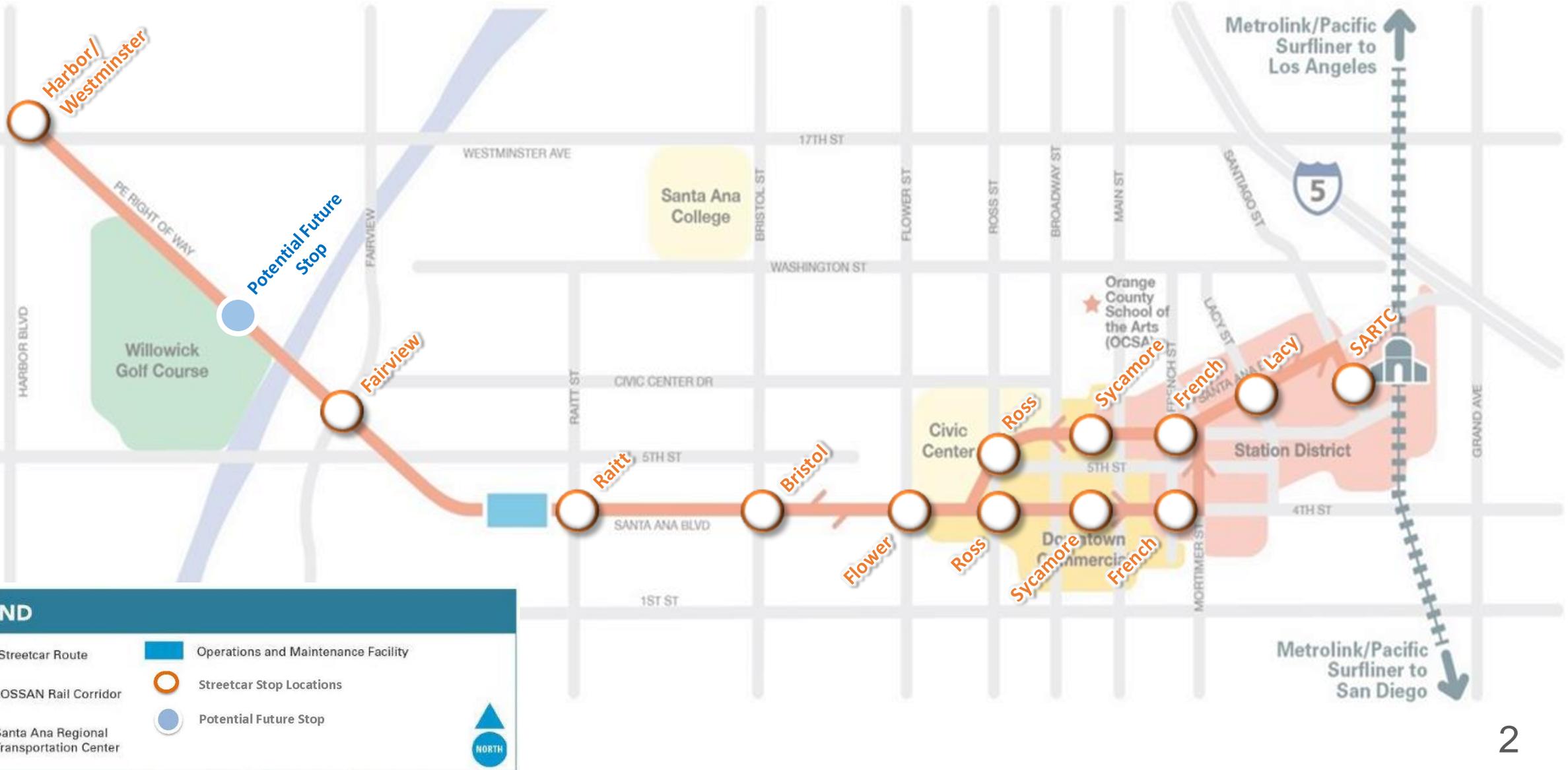


# OC Streetcar Stop Design Criteria

# OC Streetcar Stop Locations



## LEGEND

-  Streetcar Route
-  Operations and Maintenance Facility
-  LOSSAN Rail Corridor
-  Streetcar Stop Locations
-  Potential Future Stop
-  Santa Ana Regional Transportation Center

# Typical Streetcar Stop Amenities



Canopy

Vertical Wind/Sun Screens



Seating and Leaning Rails

Ticket Vending



# Key Objectives

- Safe/Secure/Maintainable
- Optimal Functionality
- Cost Effective
- Accessible
- Development of System-wide Design Continuity
- Community/Stakeholder Consensus

# Streetcar Stop Criteria

Station Elements
<b>Platform</b>
Length: 63 Feet - Streetcar only, no bus loading.
Width: 8 Feet
Curb Height: 14 inch
<b>Accessibility</b>
Design to Americans with Disabilities Act requirements. wheelchair accessible, braille signage, lighting levels, ramps, and railings.
Maximum Passenger Access/Egress
Tactile Warning Strip Entire Length of Platform
<b>Branding</b>
Stops shall be easily identifiable and consistent with the OC Streetcar branding so that the system and stops are clearly recognizable to the public.
<b>Constructability/Maintenance</b>
Stops shall be designed in a manner so that the materials used are easy and cost effective to fabricate, maintain, replace, and deter graffiti and vandalism.
<b>Information Technology</b>
Stops shall provide the technology to accommodate for certain electronic systems such as a variable message sign with on-time arrival information and service and emergency messages, ticket vending machines that are appropriately shaded for ease of use, active video/audio surveillance (e.g., closed circuit television).
Utilities- Size of conduits determined by requirements for power, fiber optics, and telephone.

<b>Lighting</b>
Stop shall provide lighting that includes general platform lighting, lighting of platform access ramps, and lighting inside platform shelters. For on-street stations, lighting is provided by general sidewalk and street lighting, augmented (as required) by dedicated station lighting. For off-street stations, all lighting is dedicated station lighting.
<b>Passenger Amenities</b>
Seating
Leaning Rail
Trash Receptacle
Route information / System Map
Neighborhood Information
Station Marker
Platform Railing
<b>Personalization/Landscaping</b>
Stops design shall accommodate, where cost effective, landscaping and potential elements for identification unique to the stop location. These elements must meet Federal Transit Administration (FTA) requirements which prohibits FTA funding from paying for art and/or non-functional landscaping elements of a transit project. Potential stop personalization elements include concrete paving, tiles or shade panels.
<b>Security</b>
Stops shall be designed to support passenger safety and security through consideration of "Crime Prevention through Environmental Design" principles and strategies.
<b>Sustainability</b>
Stops shall be designed in a sustainable manner where possible and cost effective. For example, drought resistant landscape.
<b>Weather Protection</b>
Stop shall provide a reasonable degree of weather protection for patrons waiting on the platform through canopies.

# Community Outreach

Three-Phase approach for gaining feedback:

- Information gathering
- Design refinement
- Notification of final design

Objectives:

- Increase overall project awareness
- Inform stakeholders of design criteria
- Solicit feedback from stakeholders on community priorities and aesthetic preferences
- Present aesthetic design concepts for stops to stakeholders
- Utilize traditional and online engagement tools
- Incorporate into final design concept



# Next Steps

