



West Valley Connector

Victor Lopez, PE
Director of Transit & Rail

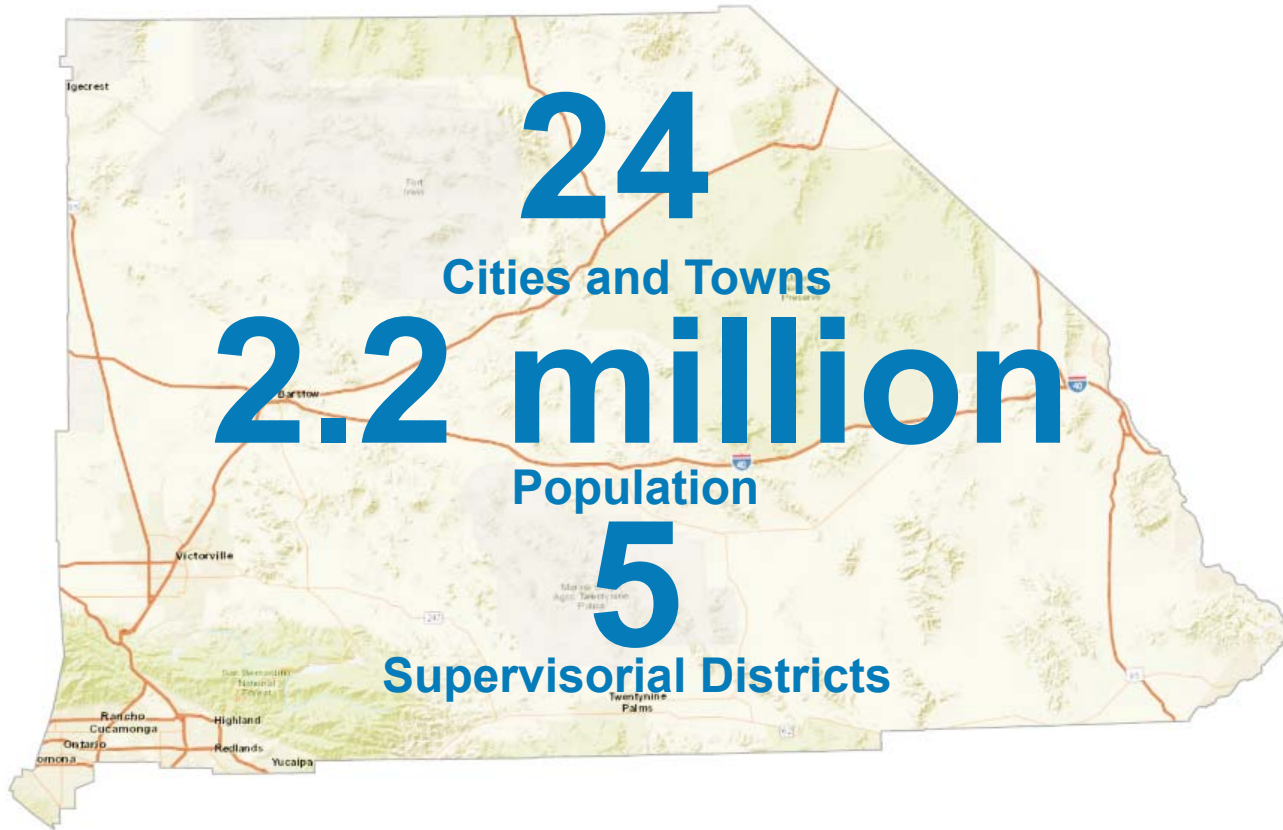
May 23, 2023



cta

san bernardino county
transportation authority





WHO WE ARE

County Transportation Commission

Allocates and programs State and Federal funds for regional transportation projects throughout the county.

County Transportation Authority

Administers the voter-approved half-cent transportation sales tax and provides major transportation improvements within the county.

Congestion Management Agency

Implements the plan for addressing congestion and air quality related to transportation facilities throughout the county.

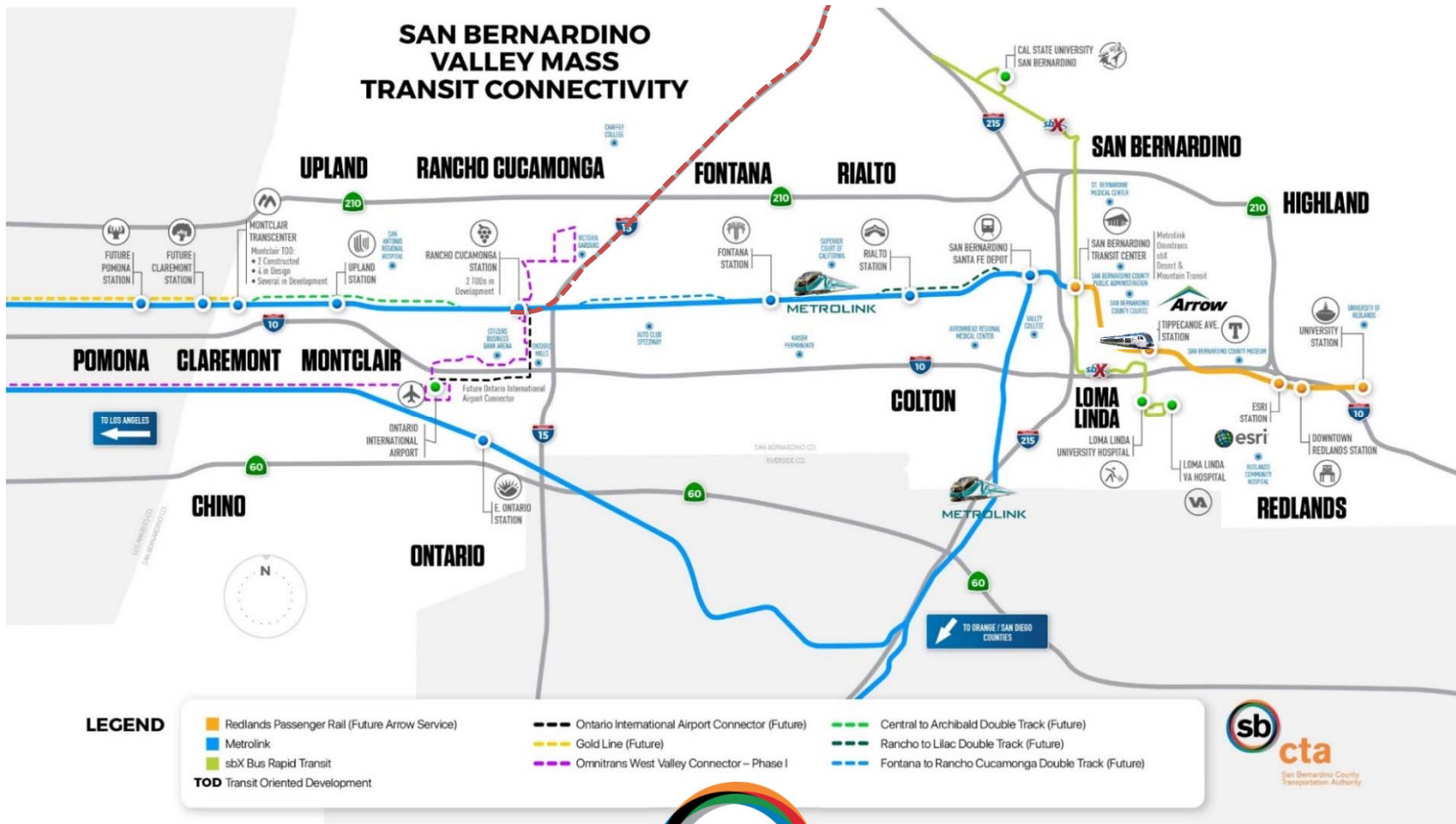
Service Authority for Freeway Emergencies

Manages the system of call boxes on major highways throughout the county.



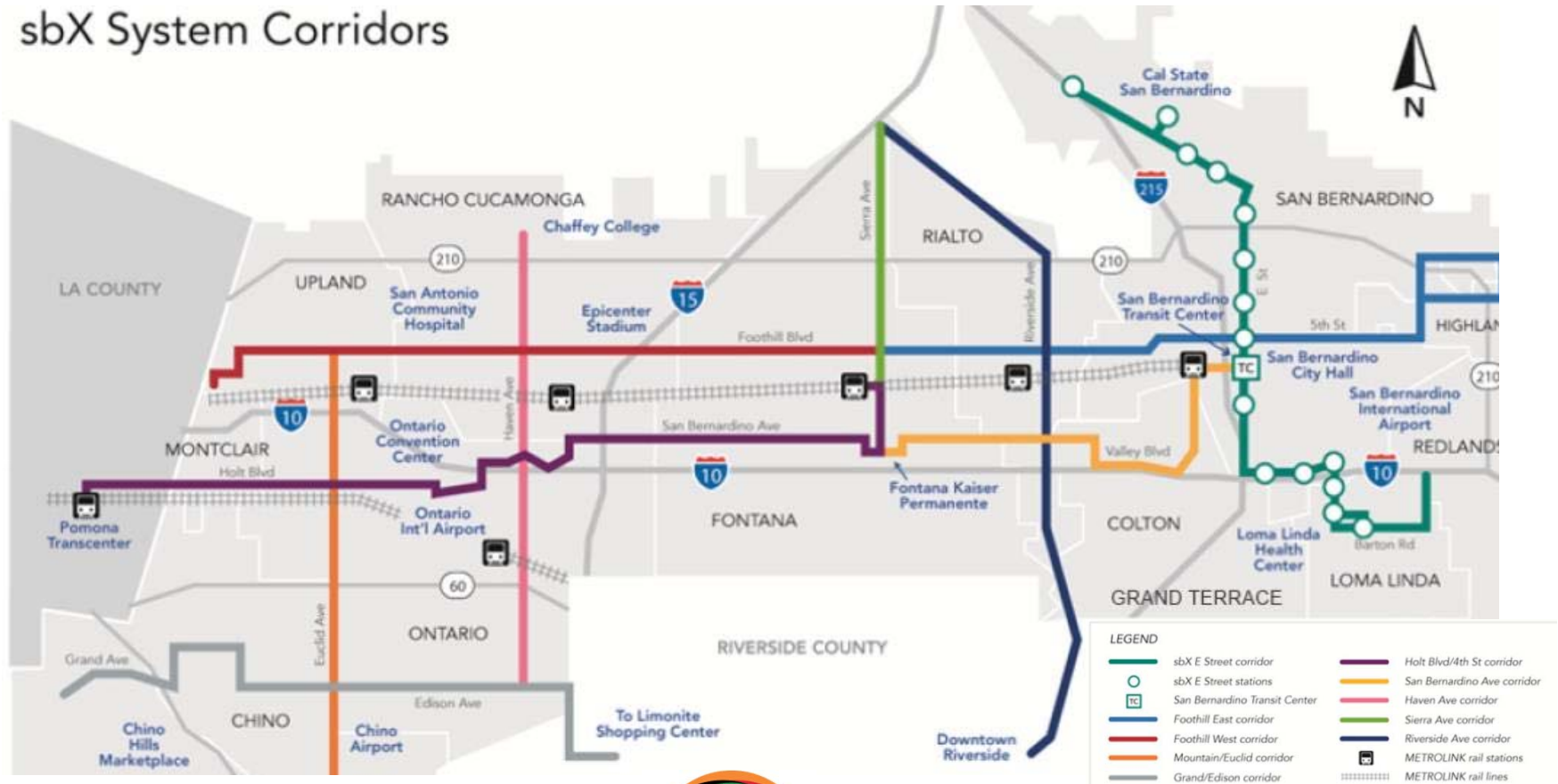
WHO WE ARE

SAN BERNARDINO VALLEY MASS TRANSIT CONNECTIVITY



Countywide Connectivity

sbX System Corridors



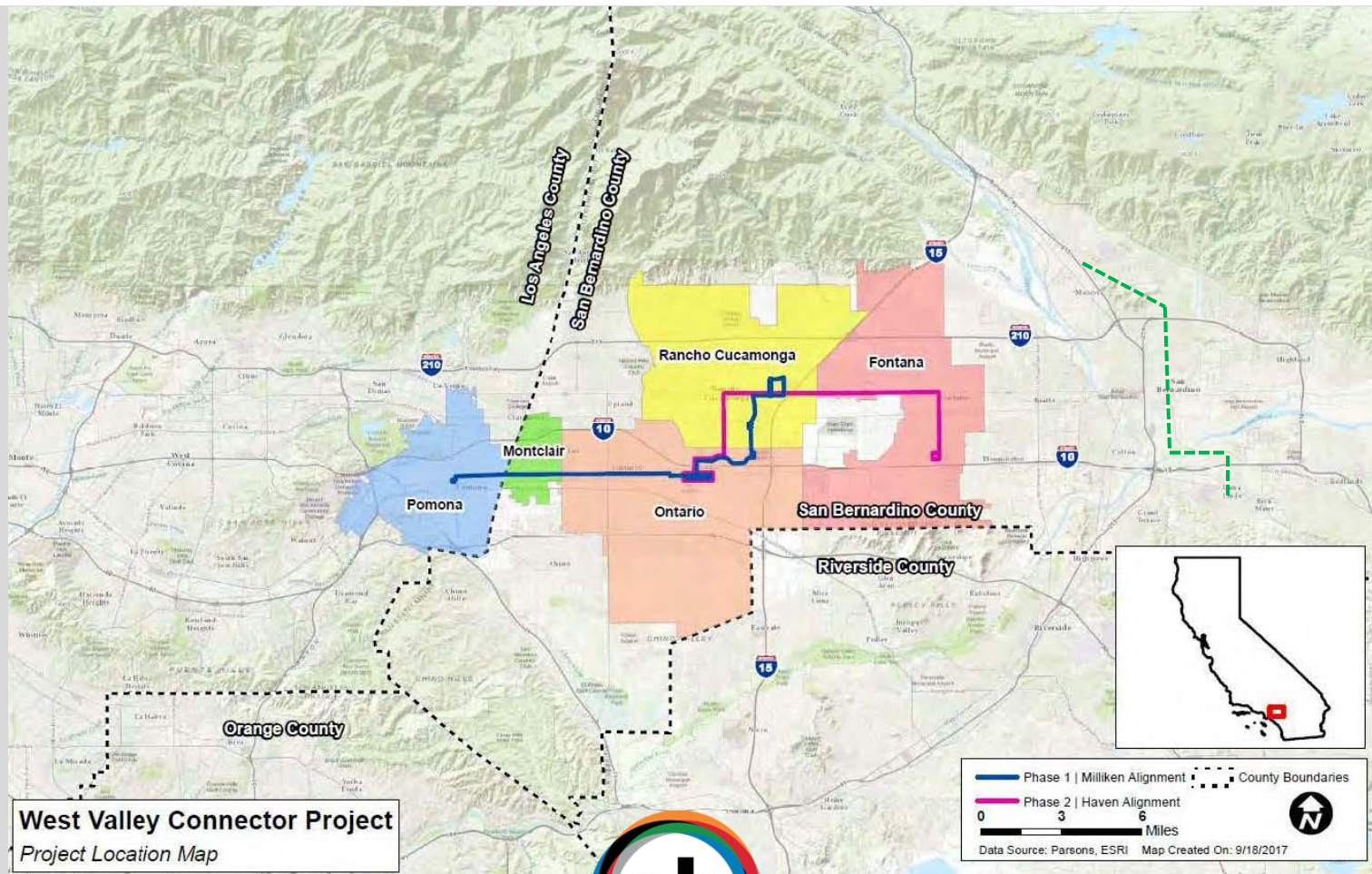
sbX System Corridors

Project Goals:

- Respond to growth in Fontana, Rancho Cucamonga, Ontario, Montclair and Pomona: all key stakeholders
- Improve customer travel time and reliability
- Provide faster, more frequent, and direct transit service
- Provide connections with Metrolink
- Support transit-oriented development



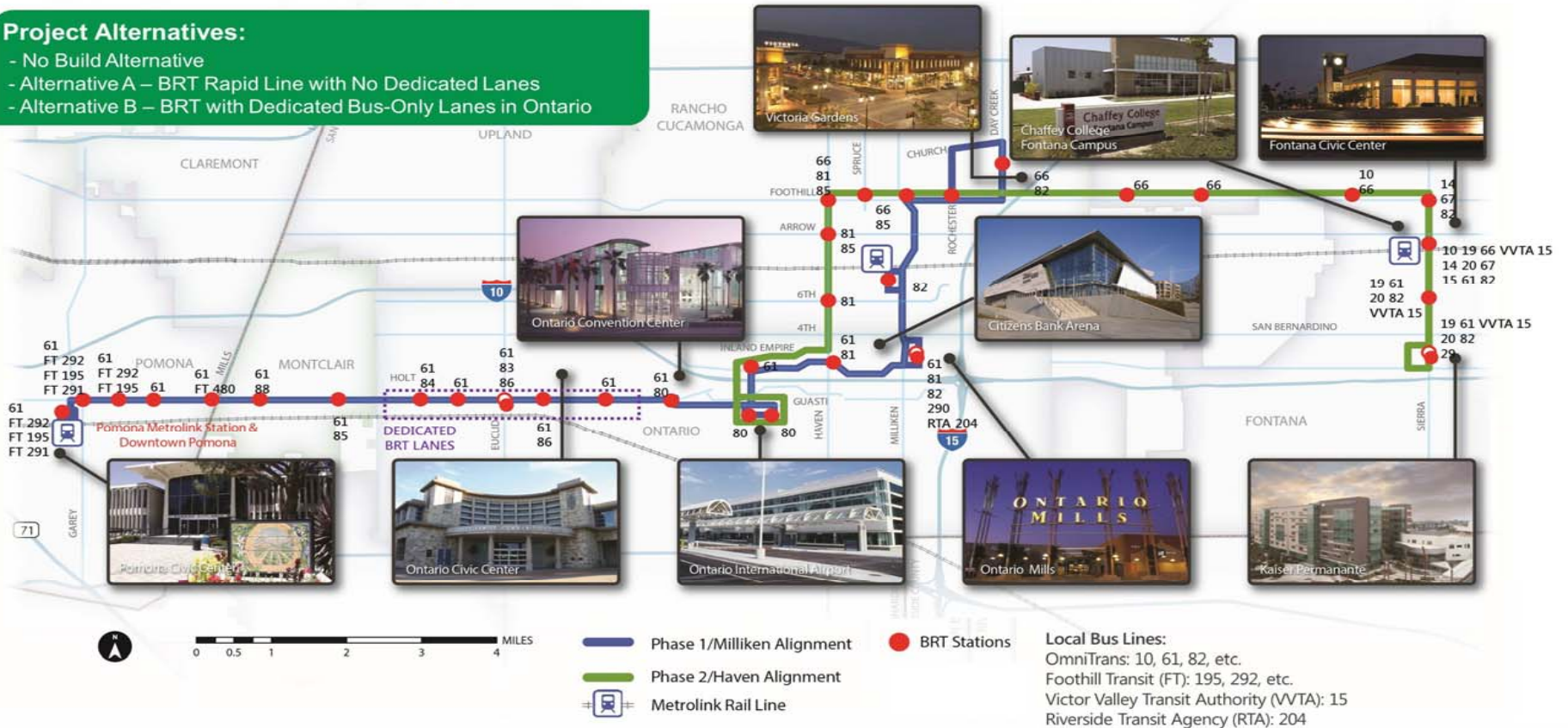
Project Goals



PROJECT LOCATION

Project Alternatives:

- No Build Alternative
- Alternative A – BRT Rapid Line with No Dedicated Lanes
- Alternative B – BRT with Dedicated Bus-Only Lanes in Ontario



PHASED IMPLEMENTATION

Station Features: Based on sbX Kit-of-Parts

Typical sbX Station Elements



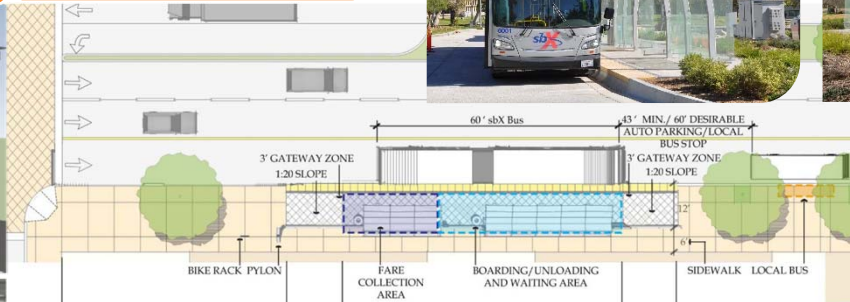
Kit-of-Parts for BRT Stations

- sbX BRANDED DIGITAL KIOSK / DIGITAL KIOSK PYLON
- EMERGENCY PHONE
- BENCH SEATING
- WHEELCHAIR SEATING AREA
- TRASH RECEPTACLES
- BIKE RACKS
- CCTV (security cameras)
- BUS PAD
- SCORED CONCRETE OR CONCRETE TILES
- sbX BRANDED SHELTER
- LIGHTING
- LANDSCAPING AT CENTER STATIONS
- DETECTABLE WARNING SURFACES
- SEPARATE EQUIPMENT PAD
- ADA COMPLIANT

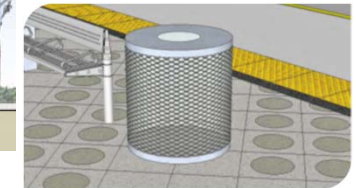
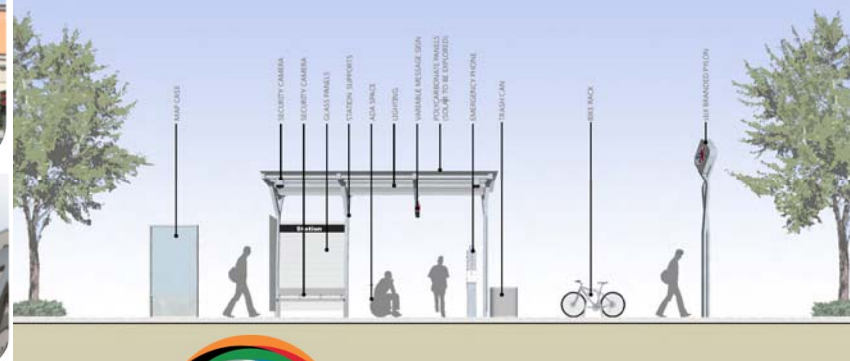
Typical BRT Boarding Shelter



Typical Side-Running Layout for BRT Platform



Typical Elevation for Boarding Shelter based on sbX Kit-of-Parts

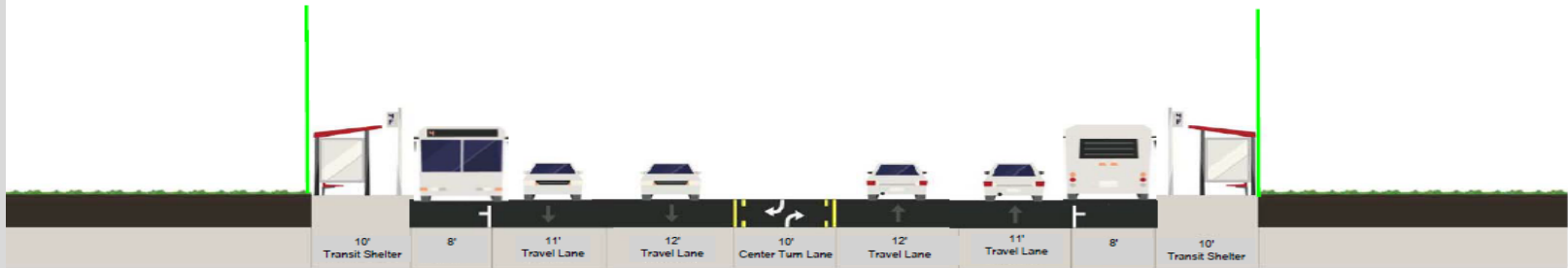


Station Features

LEGEND

— EXISTING ROW*

Existing Cross Section

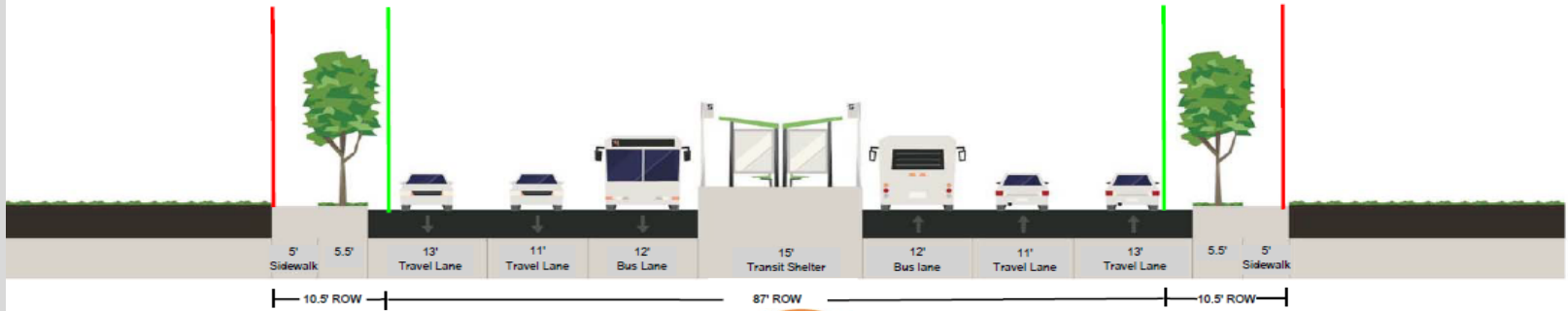


LEGEND

— PROPOSED ROW*

— EXISTING ROW*

Future Typical Cross Section of Dedicated Lanes Segment along Holt Boulevard



Busway Key Features

Foothill Blvd near Citrus Ave



Before

Side-Running BRT Station
(Mixed-Flow)



After



Station-Visual Simulation

Holt Blvd near Grove Ave

Before

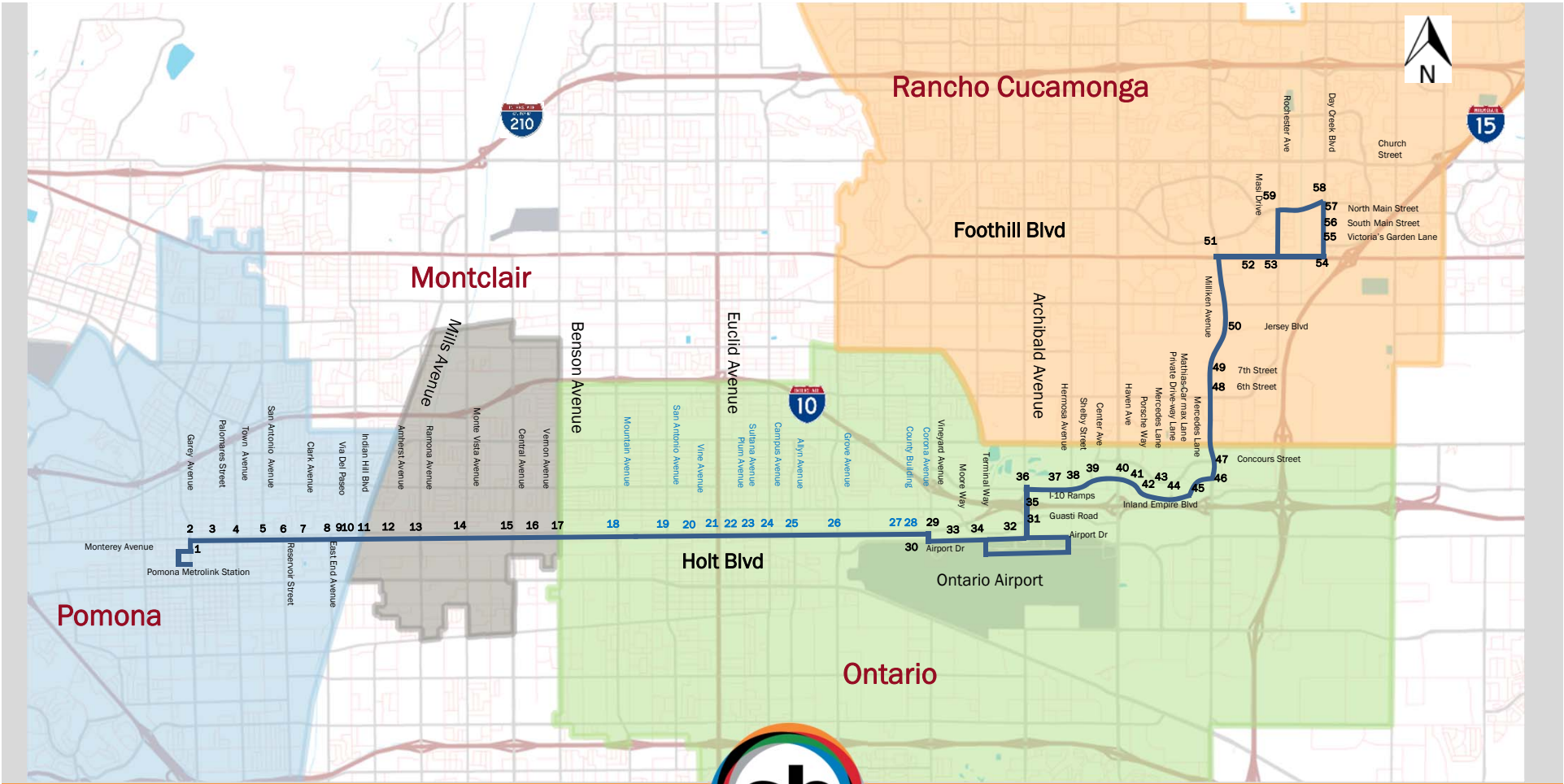


Center-Running BRT Platform
(Dedicated Lanes)

After



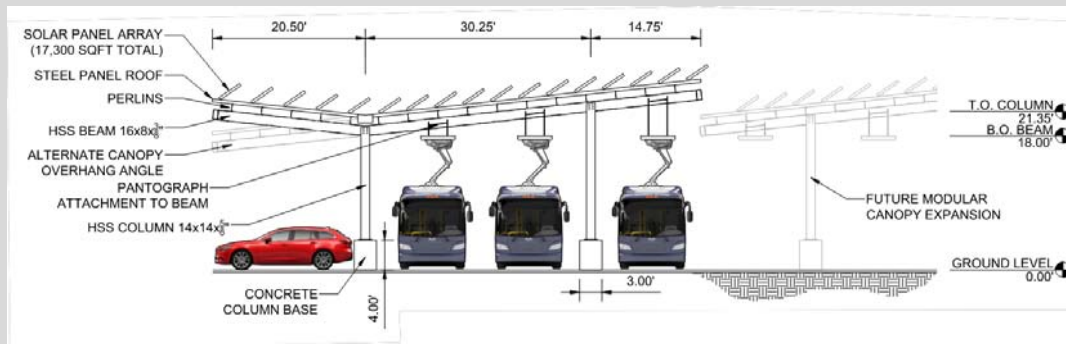
Station-Visual Simulation



Transit Signal Priority

Electric Vehicle (EV) Charging Scope

- 40-ft electric buses will be employed on the West Valley Connector line
- Buses will be charged at the following locations:
 - The West Valley facility will house 18 pantograph chargers from a canopy structure, to be constructed within the existing maintenance facility parking lot.

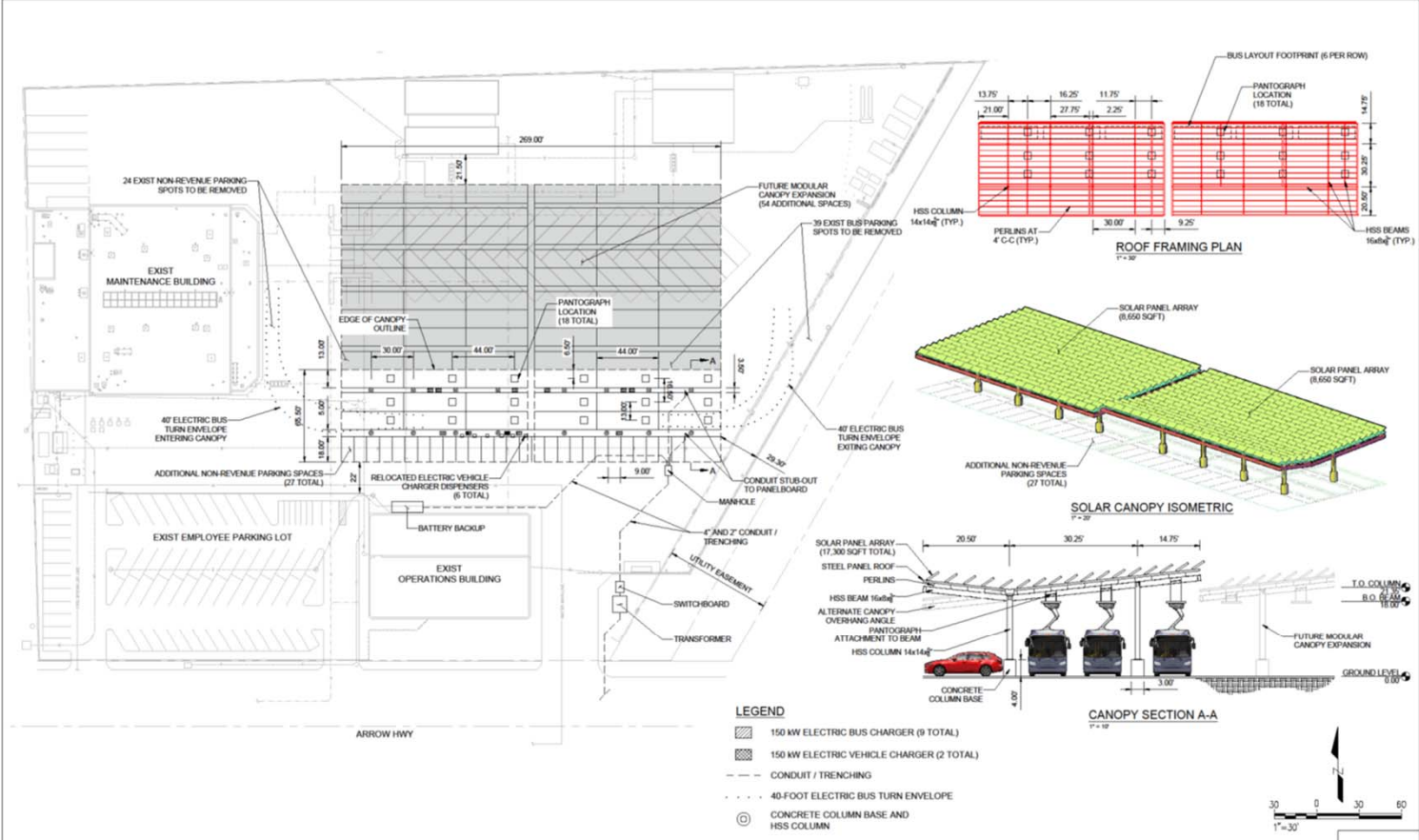


- The Pomona Transit Center will include 2 en-route pantograph chargers, similar to the one depicted below:

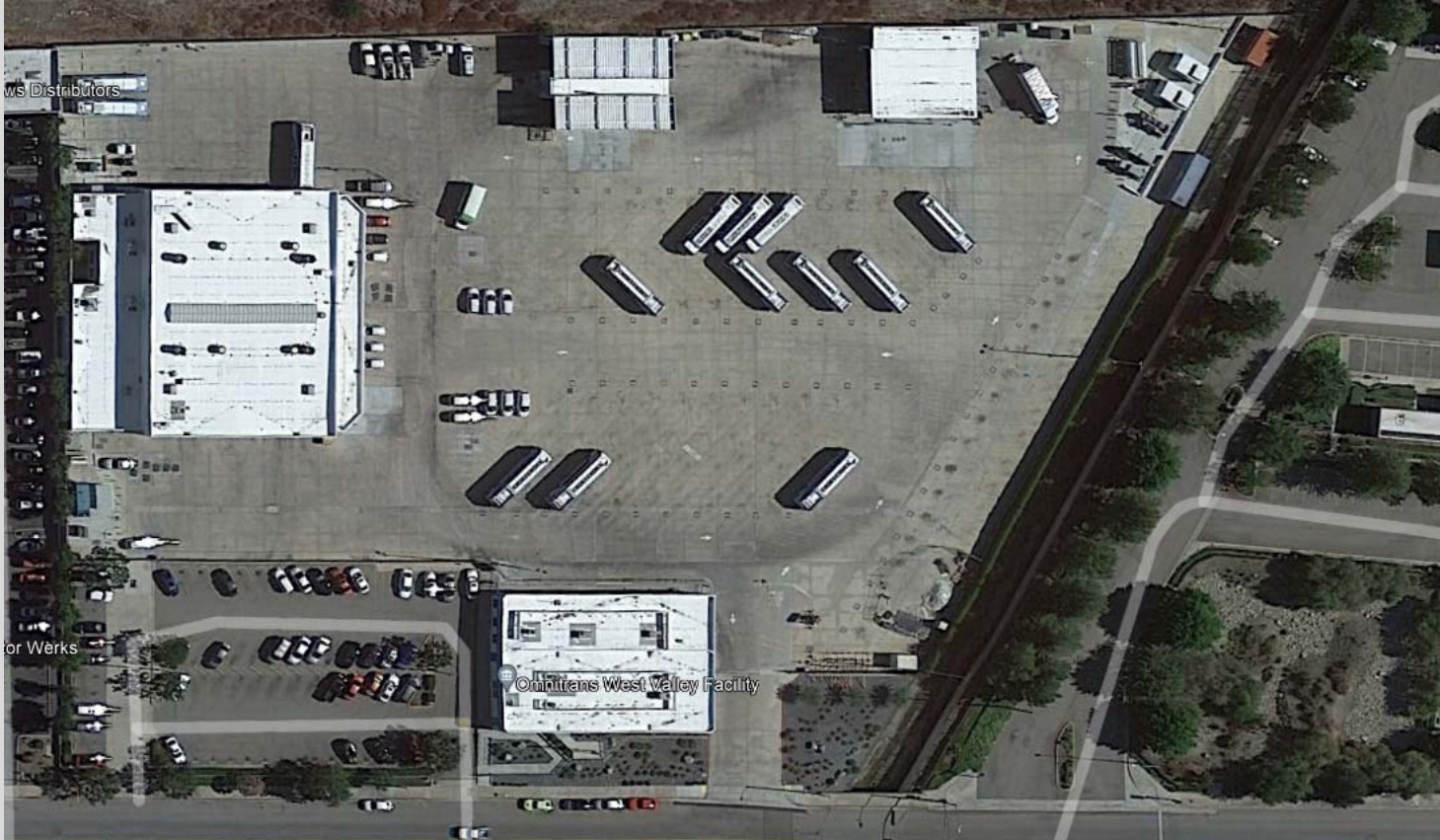


CONCEPT

NOT FOR CONSTRUCTION



	REV	DATE	BY	DESCRIPTION	<p>CITY OF MONTCLAIR</p> <p>ACCEPTED BY: _____ DATE: _____</p>	<p>DESIGNED BY: A. MICHELIA DRAWN BY: A. MICHELIA CHECKED BY: M. SOMTEZ IN CHARGE: G. LUMABAS DATE: 02-11-2021</p>	<p>PARSONS 3200 EAST OLIVAS ROAD, SUITE 200 OAKLAND, CA 94711 PHONE: (909) 218-2600 FAX: (909) 218-3600</p> <p>PREPARED FOR: cta</p> <p> Omnibus</p>	<p>WEST VALLEY VEHICLE MAINTENANCE FACILITY CHARGING CONCEPT 18-ELECTRIC BUS CHARGING CANOPY (SOLAR)</p>	CONTRACT NO. 17-10276.36
									SCALE: 1" = 30' APPROVED FOR THE CITY OF MONTCLAIR DRAWING NO. 18-001 SHEET NO. A OF



Maintenance Facility



Scope- Art Program



Scope- Art Program

- **Total Program: \$320M**
 - **Local (Measure I, STA, LTF)**
 - **State (TIRCP, SCCP, AHSC)**
 - **Federal (FTA ARP, FTA CIG, FTA CMAQ)**



Funding

- **Corridor Invitation for Bids (IFB) – May 2023**
- **Mainline Construction Notice to Proceed (NTP) – September 2023**
- **Construction Substantial Completion– January 2026**

- **Maintenance Facility IFB (Omnitrans)– August 2023**
- **Contractor Start MSF Upgrades NTP –December 2023**
- **West Valley Maintenance Facility & Vehicles Upgrade Complete- June 2025**





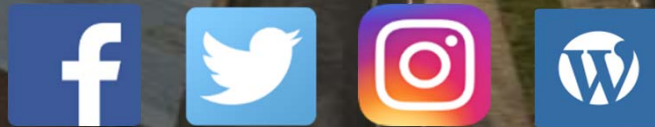
Federal Transit Administration



Project Team

Plan. Build. Move.

www.goSBCTA.com
909.884.8276



@goSBCTA

