



Expo Line Community Meeting
Phase 2 Construction and Design Update
July 2012

Phase 2 Design Update Meeting

- Meeting Purpose and Format
- Construction Update
- Overview of Design Progress
- Next Steps
- Open House Session



Meeting Purpose and Format

The purpose of tonight's meeting is to:

- Provide an update on construction activity
- Share information on design progress
- Receive input and feedback from the community

The format will include a short presentation followed by an interactive Open House session to facilitate dialogue and community input.

Please be sure to visit all the stations and:

- Collect information
- Ask questions
- Share your ideas



Expo Line from Downtown Los Angeles to Santa Monica:

- 15.2 mile corridor
- 19 Stations, 2 Shared with Blue Line
- 64,000 Daily Riders by 2030
- Estimated Travel Time: 46 minutes
- Estimated Cost: \$2.4 billion
- Constructed in Two Phases:
 - Phase 1 - Downtown to Culver City
 - Phase 2 - Culver City to Santa Monica



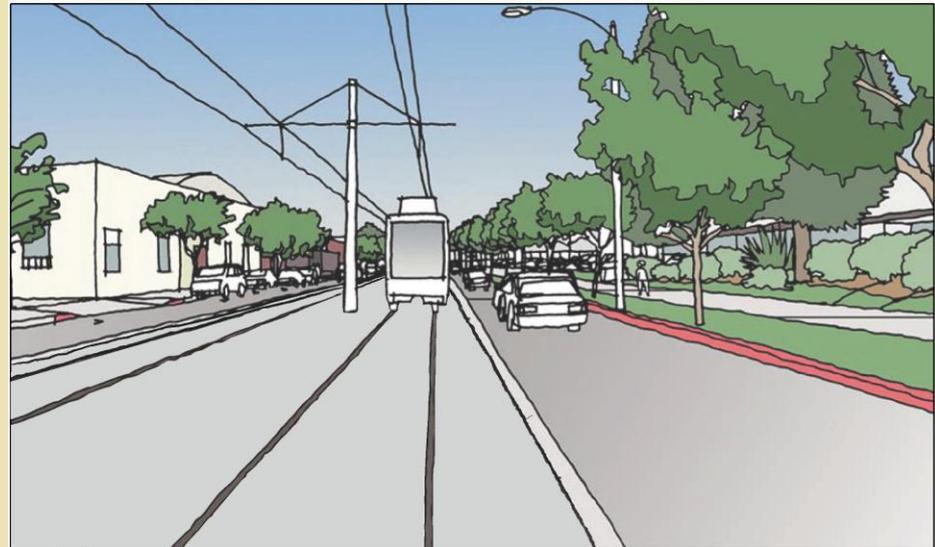
Expo Light Rail Line

Project Alignment Map



Phase 2 Update

- February 2010: Expo Board certified FEIR
- May – November 2010: Preliminary Engineering
- March 2011: Design-Build contract awarded to Skanska/Rados, Joint Venture
- Final design is underway
- Major construction is anticipated to start August 2012



Expo Light Rail Line

Pre-Construction Activities



Sewer Relocation in Santa Monica



Sewer Encasement near Granville Avenue

Pavement Removal near Centinela Ave.



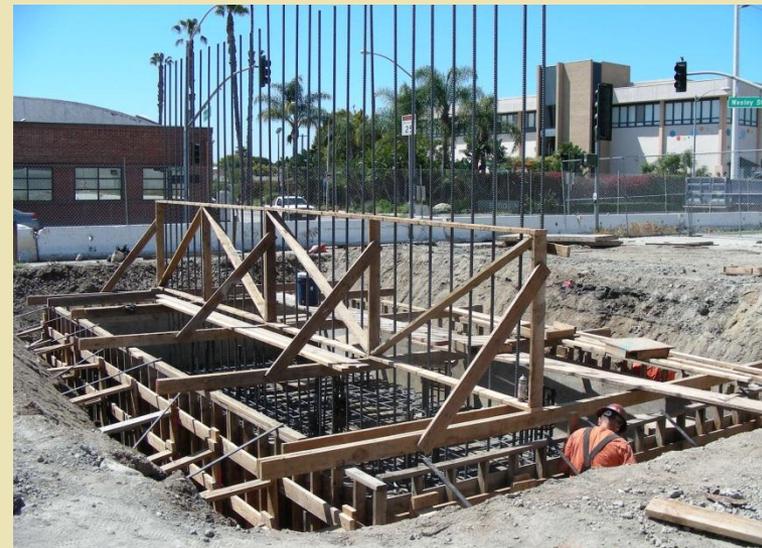
Soil Removal near Centinela Avenue



Upcoming Construction Activities – July to December 2012

City of Los Angeles:

- Track removal, clearing and grubbing
- Guide way grading, duct bank installation, OCS Pole foundations
- Retaining Wall installation between Bagley Avenue and Motor Avenue
- Sound Wall construction
- Installation of Closed Circuit Television (CCTV) cameras at intersections
- Construction of the Expo/Sepulveda parking structure
- Sewer and Water Line relocations along Pico Boulevard
- Start construction of Centinela, Sepulveda, National, Motor, Pico, Sawtelle, and Bundy bridges
- Mechanically stabilized embankments (MSE) from Bagley to National, Sepulveda to Sawtelle, and Bundy to Centinela
- Underdrain installation



Upcoming Construction Activities – July to December 2012

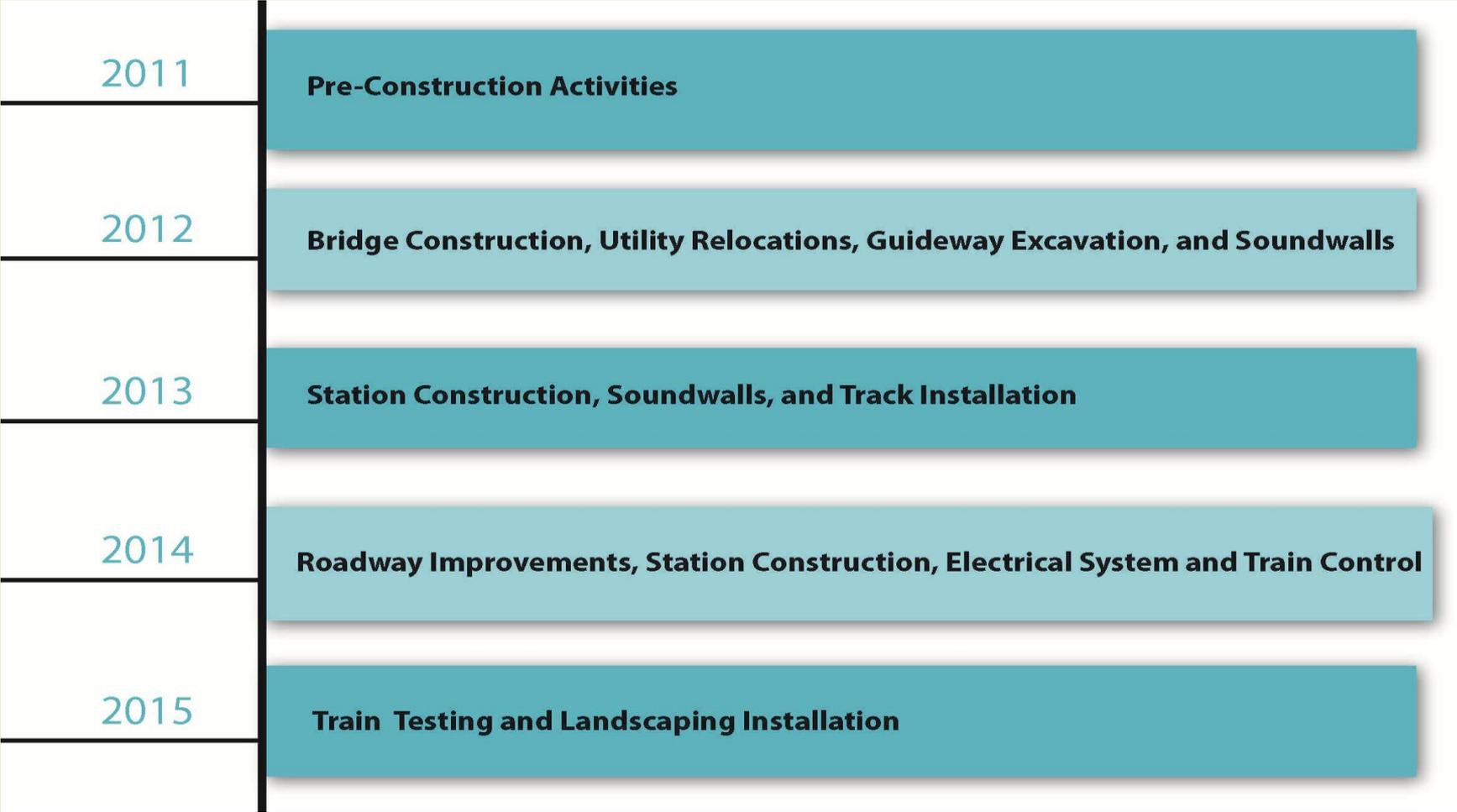
City of Santa Monica:

- Track removal, clearing and grubbing
- Guide way grading, duct bank installation, OCS Pole foundations
- Soundwall construction
- Mechanically stabilized embankments (MSE) for Olympic/Cloverfield Bridge and Centinela Bridge
- Colorado Avenue parking removal and replacement
- Water Line relocations
- Underdrain installation
- Utility relocation along Colorado Avenue
- Building Demolition



False Work

Construction Progress and Timeline



Construction Mitigation Plans

- **Noise Mitigation** –
 - Conduct existing ambient noise surveys
 - Implement site specific noise control plans
 - Manage noise generating activities
 - Implement mitigation measures if noise produced by construction activity exceeds allowable limits (i.e. sound blankets, disabling back-up alarms)
 - Respond to noise complaints or concerns

- **Dust Control** – Watering trucks will be used regularly to mitigate dust

- **Stormwater Protection** – Filter fabric/controls will be installed around drain inlets to prevent runoff



Construction Mitigation Plans (cont.)

- **Advance Notification** – Detours and lane closures are approved by the affected City and noticed in advance of work activity
- **Temporary Construction Fencing** – Installation of construction fencing that will securely delineate the construction work areas



Construction Fencing



Rail Removal near National Boulevard

Construction Noticing

- Distribute construction notices to project adjacent communities prior to the start of new construction and field work activities:



- Post on project website *BuildExpo.org*
- Post on project social media sites *Facebook* and *Twitter*
- Email to database of stakeholders and elected officials
- Distribute door-to-door to all residents and businesses within a ¼ mile radius of the construction work zone
- Provide to key project stakeholders as appropriate (i.e. schools, homeowners associations, etc.) for further dissemination

- A 24-hour hotline is available for all construction inquiries and emergencies:
(213) 922-EXPO (3976)

- Team will respond to all construction inquiries as soon as possible and no later than 48 hours
- All emergencies will be addressed immediately

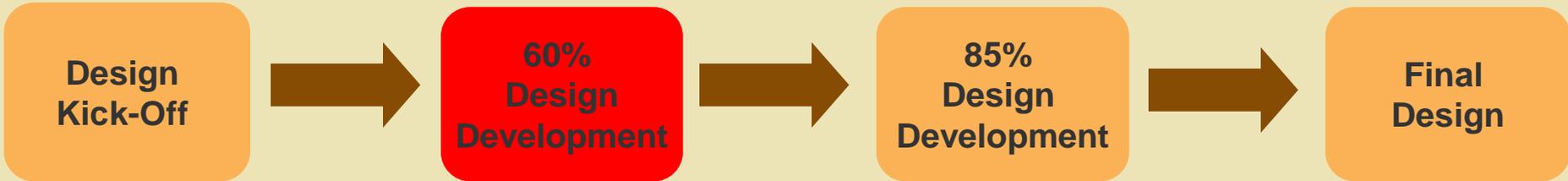
Keeping the Community Informed

- Hold construction update meetings throughout the corridor
- Attend regularly scheduled meetings for neighborhood councils, homeowners associations, block clubs, business associations and school groups to provide project updates
- Provide project briefings for stakeholder groups as requested
- Staff informational tables at community events to distribute project information and reach out to stakeholders

Community Relations Contacts

- ❖ **Torri Hill**
Expo Community Relations Manager - Santa Monica
(310) 500-1485 or torri.hill@skanska.com
- ❖ **Jim Kennedy**
SRJV Community Relations Manager - Los Angeles
(310) 500-1487 or jim.kennedy2@skanska.com

Overview of Final Design Process and Timeline



Regular updates to community and stakeholder groups on design progress and neighborhood specific issues

Input Received at Design Kick-Off Meetings

- Station elements and amenities
 - Provide ample, secure bike facilities
 - Address neighborhood specific issues ie: parking, pedestrian access, etc.
- Landscaping
 - Encourage the use of native, drought tolerant plants
 - Use low-maintenance landscaping and smart irrigation
- Noise Mitigation
 - Concerns about noise mitigation during construction and operations
- Construction Impacts
 - Advance notification of construction activities and traffic impacts
 - Sensitivity to residential neighborhoods and school facilities

Design Input

- Community Input
 - Held stakeholder briefings to discuss area/neighborhood specific issues
 - Provided project updates to homeowner and business groups along the alignment
 - Held business outreach meetings with property owners and tenants to discuss specific design issues

- Urban Design Committee Input
 - 14 member committee appointed by the Expo Board
 - Members represent communities and stakeholders along the alignment
 - UDC has been meeting regularly since June 2011 to provide input into station elements and station area improvements for Phase 2
 - Provided input on:
 - 300' Radius Station Improvements
 - Sepulveda Parking Structure
 - Landscaping
 - Benches and Station Furniture

Design Input

- Third Party Input
 - Working closely with cities of Los Angeles and Santa Monica staff and other public agencies to incorporate comments during the design process
- City of LA Planning Station Area Grant for all of stations in the City of LA
 - Will work closely with City of Los Angeles Planning Department to provide comments or suggestions on ideas for the grant

Design Modifications in Response to Feedback

- National/Palms Station
 - Eliminated structural column to create more space for pedestrian plaza
 - Added architectural curve treatment to aerial structure and columns to resemble typical aerial structure
 - Relocated Ticket Vending Machines to a more accessible location for patrons

- Expo/Westwood Station
 - Moved bike path to the north side of the Right-of-Way between Overland Ave and Westwood Blvd
 - Shortened the Kiss-N-Ride by 72 feet in response to community input
 - Coordinating with City of LA on future use of City of LA Right-of-Way

- Expo/Sepulveda Station
 - Exploring additional pedestrian lighting along Sepulveda Blvd
 - Exploring improvements to pedestrian access from Sawtelle Blvd

- Expo/Bundy Station
 - Exploring additional pedestrian lighting and signage at the station

Design Modifications in Response to Feedback

- Olympic/26th St Station
 - Advancing City of Santa Monica funded betterments
 - Adding second entrance from the eastern end of the platform
 - Changing from center platform to side platforms

- Colorado/17th St Station
 - Advancing City of Santa Monica funded betterments
 - Adding second entrance from the western end of the platform

- Colorado/4th St Station
 - Working with City of Santa Monica on final design of the terminus

Next Steps in the Design Process

- Continue design development process
- Continue to work with Urban Design Committee to receive input on certain design elements
- Provide regular updates to stakeholder groups throughout the process
- Work with neighborhood councils, homeowners associations and business groups to finalize the design

Format for Open House Session

The room is divided into informational tables where you can:

- View progress renderings of the Phase 2 stations
- Meet with project staff that can address your questions/concerns on issues such as station design, noise impacts, traffic and circulation, and safety
- Provide your feedback

Table #1	Table #2	Table #3
Construction and Community Outreach	National/Palms, Expo/Westwood, Expo/Sepulveda, Expo/Bundy Stations	Olympic/26 th St., Olympic/17 th St., Colorado/4 th St. Stations
Table #4		Table #5
Expo Bikeway	Landscaping	



How to Reach Us

Project Website: www.BuildExpo.org

Sign-up on our homepage to be added to the project database and receive notices via email.

Project Hotline: 213-922-EXPO (3976)

Email: info@buildexpo.org



Social Media:



www.Facebook.com/ExpoLine



www.Twitter.com/ExpoLine