Meeting Agenda

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 Light Rail Line

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
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

Sewer Relocation in Santa Monica

Pavement Removal near Centinela Ave.

Sewer Encasement near Granville Avenue

Soil Removal near Centinela Avenue

Pre-Construction Activities
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
Expo Light Rail Line

Construction Progress and Timeline

<table>
<thead>
<tr>
<th>Year</th>
<th>Activities</th>
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<tbody>
<tr>
<td>2011</td>
<td>Pre-Construction Activities</td>
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<tr>
<td>2012</td>
<td>Bridge Construction, Utility Relocations, Guideway Excavation, and Soundwalls</td>
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<tr>
<td>2013</td>
<td>Station Construction, Soundwalls, and Track Installation</td>
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<tr>
<td>2014</td>
<td>Roadway Improvements, Station Construction, Electrical System and Train Control</td>
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<td>2015</td>
<td>Train Testing and Landscaping Installation</td>
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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](image1)

![Rail Removal near National Boulevard](image2)
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

- Design Kick-Off
- 60% Design Development
- 85% Design Development
- Final Design

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
Expo Light Rail Line

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
**Expo Light Rail Line**

**Open House Session**

**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

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<th>Table #1</th>
<th>Table #2</th>
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<tr>
<td>Construction and Community Outreach</td>
<td>National/Palms, Expo/Westwood, Expo/Sepulveda, Expo/Bundy Stations</td>
<td>Olympic/26&lt;sup&gt;th&lt;/sup&gt; St., Olympic/17&lt;sup&gt;th&lt;/sup&gt; St., Colorado/4&lt;sup&gt;th&lt;/sup&gt; St. Stations</td>
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<td>Table #4</td>
<td>Table #5</td>
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<tr>
<td>Expo Bikeway</td>
<td>Landscaping</td>
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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