South Bay Metro Light Rail Extension
Summer/Fall 2017 Project Briefings
Meeting Agenda

- Project History
- Project Development
- Schedule
- Feedback
Project History

Before 2002
Freight Corridor

2008
Alternatives Analysis
Measure R
$272M

2010
Begin Environmental Study
Measure J
Project put on Hold

2016
Measure M
$619M
Ground-breaking: 2026
Shovel-ready project

2017
Supplemental AA
Regional Context

Existing
- Metro Green Line
- Metro Expo Line
- Metro Blue Line
- Harbor Subdivision

Metro Projects
- Metro Crenshaw/LAX Transit Corridor (Under Construction)
- Metro Crenshaw/LAX Operating on Existing Metro Green Line
- South Bay Metro Green Line Extension
- AMC 96th St Transit Station (Design in Progress)

Other Projects
- LAX Automated People Mover (Study by LAWA) (P3 Procurement)
- NFL Stadium (Under Construction)
- Redondo Beach South Bay Regional Intermodal Transit Center (Planned)
- Torrance Transit Park and Ride Regional Terminal (Under Construction)
Metro’s AMC 96th Street Transit Station
LAWA’s LAX Landside Access Modernization Program (LAMP)
AMC 96th Street Transit Station
Project Development

- 2010 Environmental Study included:
  - 4.6 mile at-grade rail extension
  - Overcrossing at Manhattan/Inglewood
  - Up to 4 new stations
  - Operate next to existing freight track

- 2017 Supplemental AA study:
  - Solicit stakeholder feedback
  - Update existing conditions
  - Analyze new/refined alternatives

Draft EIR/EIS Project Map. Source: STV, 2014
Past Community Input

Draft EIR/EIS in 2010/2011: 11 Meetings, 620 Attendees & 533 Comments

Noise & Vibration

Neighborhood Impacts*

Traffic & Parking

Safety

Light Rail

TSM

Property Values

Grade Separations

Emergency Access

Underground

Connect to Destinations

Ease Traffic

Hawthorne Alignment

* Through the SAA, Metro has revised design to minimize impacts to Westwood Building Materials
Route Alternatives

Based on initial city staff input, two main route alternatives under consideration:

- **Alternative R:** Within **Railroad ROW** with over or undercrossing at Manhattan/Inglewood

- **Alternative H:** Along **Hawthorne Blvd** with options to:
  - Link back to railroad ROW via Artesia Blvd
  - Link back to railroad ROW at 190th St
Expo Line

Expo/USC Station

Multi-use path adjacent to LRT

Multi-use path and soundwalls
Gold Line: South Pasadena
Gold Line

Transit Plaza - South Pasadena Station
Del Mar Station

Metro’s Art Program
South Pasadena - Mission St.
Highland Park Gold Line
South Pasadena Gold Line Station

LRT approaching intersection

Gold Line: Highland Park

Along Marmion Way

Pedestrians adjacent to LRT

Along Marmion Way
Station Options

Based on route options & initial city staff input, potential station options in each city:

- **Lawndale:**
  - Inglewood/Manhattan Beach area
  - Hawthorne/166th area

- **Redondo Beach:**
  - Redondo Beach Transit Center (proposed)
  - Hawthorne/177th area or Hawthorne/190th area

- **Torrance:** Torrance Transit Center
Grade Separations

- Metro Grade Crossing Safety Policy for LRT guides grade separation decisions:
  - Auto traffic volumes
  - Train operations
  - Existing conditions and design constraints in area

- Potential grade separation analysis:
  - I-405 area
  - Artesia Blvd area
  - Hawthorne/190th area
  - Prairie/Madrona Ave
  - Del Amo Blvd area
Measure M Guidelines

- 3% contribution
- Half-mile station areas
# Issues & Opportunities

<table>
<thead>
<tr>
<th>Issues</th>
<th>Opportunities</th>
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<tbody>
<tr>
<td>Measure M includes mainly at-grade</td>
<td>$891M of Committed Measures R/M Funding</td>
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<tr>
<td>Construction Timeframe: 2026 Groundbreaking</td>
<td>On List of Shovel-Ready Projects</td>
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<td>3% Local Match</td>
<td>Planned Redondo Beach &amp; Torrance Transit Centers</td>
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<td>Alignment through City of Lawndale</td>
<td>Opportunities for multi-use path; connections to Active Transportation</td>
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<td>South Bay Galleria Improvement Project</td>
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<td>Renewed Outreach Opportunities</td>
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Meetings

- South Bay COG – Transportation Committee
- South Bay COG – Infrastructure Working Group
- Torrance Chamber of Commerce – Government Relations Committee
- South Bay Service Council
- North Redondo Beach Business Association
- South Bay Bicycle Coalition
- Redondo Beach Chamber of Commerce
- South Bay Association of Chambers of Commerce
- South Bay Association of Realtors
Schedule

- **Summer 2017**: Stakeholder engagement
- **Fall 2017**: Evaluate refined alternatives, present initial results and gain stakeholder feedback
- **Winter 2018**: Metro Board approval of Supplemental Alternatives Analysis