Project Development Process

5 Main Stages of Project Development

- Alternatives Analysis
  - Completed 2003
- Environmental (EIS/EIR)
  - Where We Are Now
- Engineering
- Construction
  - Anticipated 2014-2017
- Transit Service

Future Phases
Project Timeline

- **1999:** Creation of the Metro Gold Line Foothill Extension Construction Authority
- **2003:** Initiation of Foothill Extension from Pasadena to Montclair Alternatives Analysis (AA) and Board Selection of Locally Preferred Alternative (LPA)
- **2004:** Circulation of Pasadena to Montclair Draft Environmental Impact Report/Environmental Impact Statement
- **2005:** Board selection of revised LPA
- **2007:** Board decision not to pursue federal funds for Pasadena to Azusa Extension; completion of Final Environmental Impact Report (FEIR)
- **2008:** Measure R approved, partial funding for Azusa to Montclair Extension
- **2009:** Reactivation of Azusa to Montclair Extension Environmental Clearance
- **2010-11:** ‘Fresh’ Environmental Impact Statement/Environmental Impact Review Process for Azusa to Montclair Extension
Environmental Impact Statement (EIS)/Environmental Impact Report (EIR) Process

EIS/EIR Process

**Draft EIS/EIR**
- Scoping Meetings
- Prepare Draft EIS/EIR
- Circulate Draft EIS/EIR & Public Hearings

**Final EIS/EIR**
- Public Input
- Select Locally Preferred Alternative (LPA)
- FTA & Authority Board Approve Start of Final EIS/EIR
- Prepare Final EIS/EIR
- Record of Decision / Notice of Determination

**EIS/EIR Purpose**
- Establish the Purpose and Need of the project
- Describe alternatives
- Study potential environmental benefits/impacts of alternatives
- Evaluate measures to avoid, minimize and mitigate impacts

January 2011   Mid-2011   Fall 2011   Early 2012
### Environmental Topics

#### Environmental Topics to be Reviewed in the Environmental Impact Statement/Environmental Impact Report

<table>
<thead>
<tr>
<th>Category</th>
<th>Subcategories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Traffic &amp; Circulation</td>
<td>Energy</td>
</tr>
<tr>
<td>Land Use &amp; Development</td>
<td>Historical, Archaeological &amp; Paleontological Resources</td>
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<tr>
<td>Real Estate &amp; Acquisitions</td>
<td>Parklands &amp; Community Facilities</td>
</tr>
<tr>
<td>Communities &amp; Neighborhoods</td>
<td>Economic Development &amp; Fiscal</td>
</tr>
<tr>
<td>Visual &amp; Aesthetics</td>
<td>Safety &amp; Security</td>
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<tr>
<td>Air Quality</td>
<td>Construction Impacts</td>
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<tr>
<td>Noise &amp; Vibration</td>
<td>Growth Inducing Impacts</td>
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<tr>
<td>Ecosystems &amp; Biological Resources</td>
<td>Environmental Justice</td>
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<tr>
<td>Geotechnical / Subsurface / Seismic / Hazardous Materials</td>
<td>Climate Change</td>
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<tr>
<td>Water Resources</td>
<td>Cumulative Impacts</td>
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</table>
## Purpose and Need

<table>
<thead>
<tr>
<th>Purpose</th>
<th>Need</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Improve transit accessibility to major activity centers along the Gold Line</td>
<td>• I-210 cannot accommodate current and forecasted peak-hour travel demand</td>
</tr>
<tr>
<td>• Introduce more reliable transit service that shortens travel times</td>
<td>• Bus and commuter rail service is limited in the corridor</td>
</tr>
<tr>
<td>• Provide an alternative mode for commuters currently using I-210</td>
<td>• The corridor’s arterial network is congested</td>
</tr>
<tr>
<td>• Enhance connections to Metrolink, and regional and local buses</td>
<td>• Area population and employment are forecasted to increase, worsening traffic</td>
</tr>
<tr>
<td>• Encourage mode shifts to transit, reducing air pollution and greenhouse gas emissions</td>
<td></td>
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</tbody>
</table>
Grade Crossings

26 total at-grade crossings between Azusa and Montclair (18 exist currently)
3 grade separations at Lone Hill Boulevard (Glendora), Towne Avenue (Pomona), and Monte Vista Avenue (Montclair)
Detailed grade crossing analysis to be performed during the Draft EIS/EIR
**“No Build” Alternative**

- Represents the Study Area in 2035, if the Project is not built
- Includes all existing highway and transit route facilities, and the committed highway and transit projects specified in:
  - Southern California Association of Governments (SCAG) 2008 Regional Transportation Plan (RTP)
  - Metro 2009 Long Range Transportation Plan (LRTP)
- Includes the Pasadena – Azusa Extension, currently under construction (completion anticipated late 2014)

**“TSM” Alternative**

- Includes:
  - Intersection improvements
  - Signal synchronization
  - Rapid bus line that resembles service of the Build Alternatives
Build Alternative

Proposed Metro Gold Line Foothill Extension — Azusa to Montclair

- Extends Metro Gold Line 12.6 miles from Azusa to Montclair
- Operates on two light rail tracks next to freight track along the existing Metro-owned right-of-way, also currently used by Metrolink
- Serves up to six new stations in Glendora, San Dimas, La Verne, Pomona, Claremont, and Montclair
Transportation Systems Management (TSM) & Build Alternative Technologies

**TSM - Rapid Bus**
- Powered by diesel, hybrid/electric, CNG, or fuel cell
- Capacity of 60-65 passengers per vehicle
- Requires minimal infrastructure, and can operate on existing roadways
- Operational strategies include transit signal priority (TSP) and signal synchronization
- Examples: Foothill Transit Silver Streak (bus), Metro Rapid (bus)

**Build - Light Rail Transit (LRT) Vehicle**
- Electrically powered by overhead wires
- Vehicles can be linked together to accommodate up to 500 passengers per 3-car train
- Requires traction power substations every mile along tracks
- Example: Metro Gold Line between East Los Angeles and Pasadena
### Ways to Provide Comments

<table>
<thead>
<tr>
<th>Tonight</th>
<th>After Tonight</th>
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<tbody>
<tr>
<td>• Ask a Question during Q&amp;A</td>
<td>• Comment by Mail:</td>
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<tr>
<td>• Complete Comment Card</td>
<td>Lisa Levy Buch</td>
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<td>• Speak to a Court Reporter</td>
<td>Director of Public Affairs</td>
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<td>Metro Gold Line Foothill Extension</td>
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<tr>
<td></td>
<td>Construction Authority</td>
</tr>
<tr>
<td></td>
<td>406 E. Huntington Drive, Suite 202</td>
</tr>
<tr>
<td></td>
<td>Monrovia, CA 91016</td>
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<td></td>
<td>• Comment by Email:</td>
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<tr>
<td></td>
<td><a href="mailto:llevybuch@foothillextension.org">llevybuch@foothillextension.org</a></td>
</tr>
<tr>
<td></td>
<td>Comments must be postmarked on or before February 2, 2011</td>
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