

# Westside Subway Extension

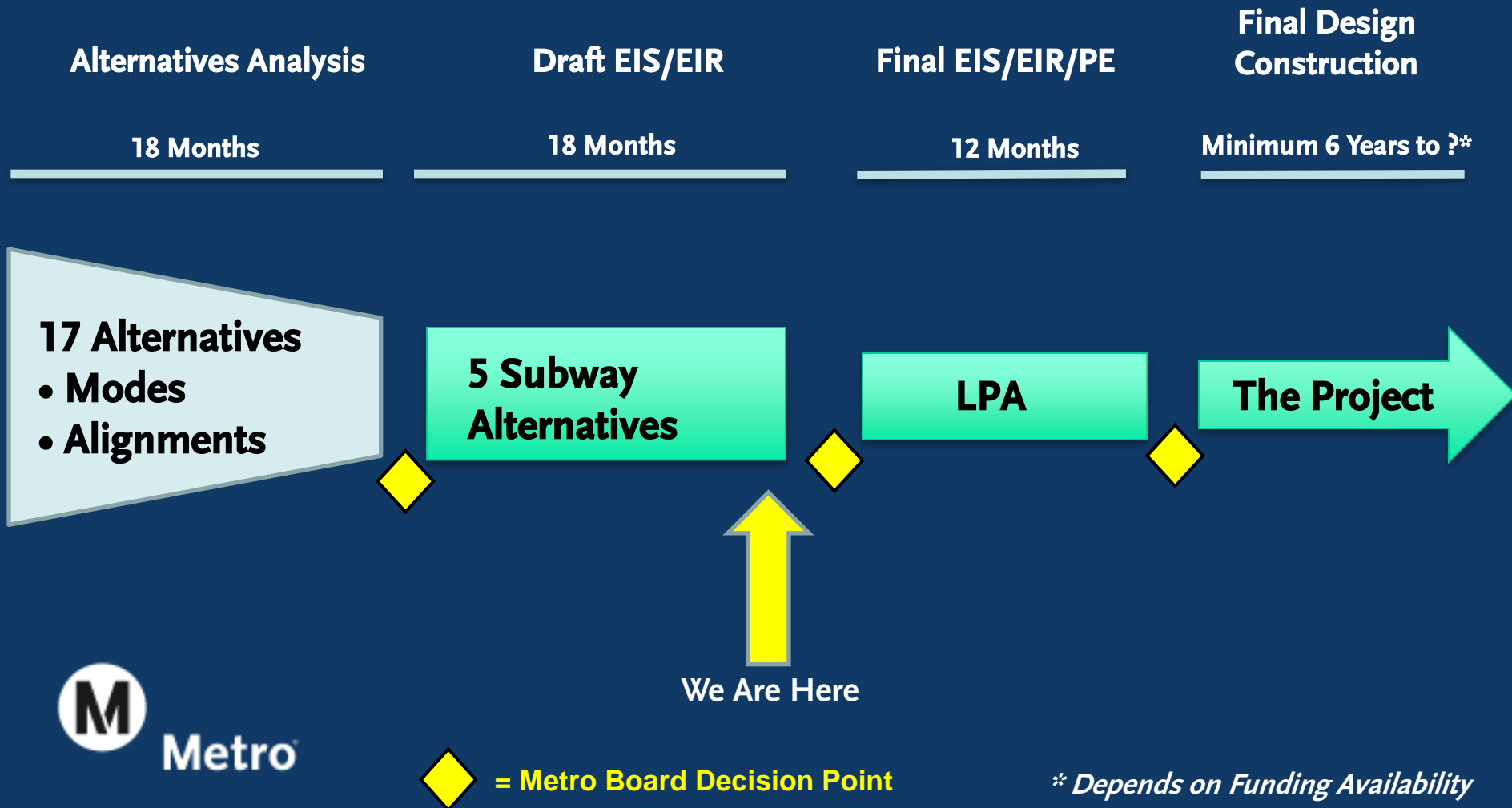
Update to Westside/Central Governance Council

October 13, 2010



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# Where We are in the Process



# Draft EIS/EIR Release & Public Review

- September 3: Draft EIS/EIR released for 45-day public review
- September 20-29: Five public hearings
  - LACMA West\*
  - Westwood United Methodist Church
  - West Hollywood Plummer Park
  - Beverly Hills Roxbury Park\*
  - Santa Monica Main Library(\* Also provided by live web-cast)
  - Over 550 people attended
  - Over 100 speakers
- Comments also being submitted by mail & electronically



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# What Happens Next

- **October 18, 2010: Close of Public Comment**
- **Metro staff develops recommendations & summarizes public comments**
- **October 28, 2010: Metro Board Consideration**
  - **Staff LPA recommendations**
  - **Adopt Locally Preferred Alternative (LPA)**
  - **Narrow options for further analysis in Final EIS/EIR**
  - **Authorize preparation of Final EIS/EIR, PE & continued outreach**
  - **Seek FTA approval to enter New Starts Preliminary Engineering**
  - **Consider any additional recommendations**



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# Alternatives Under Study in Draft EIS/EIR

## No Build

### Transportation Systems Management (TSM) Alternative

### Subway Alternatives Within Adopted LRTP/Measure R Funding

- Alt. 1: Westwood/UCLA Extension
- Alt. 2: Westwood/VA Hospital Extension

### Subway Alternatives Beyond Adopted LRTP/Measure Funding

- Alt. 3: Santa Monica Extension
- Alt. 4: Westwood/West Hollywood Extension
- Alt. 5: Santa Monica/West Hollywood Extension

**LRTP: Long Range Transportation  
Plan for Los Angeles County**



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# Areas of Environmental Analysis

- Transit Travel Time
- Traffic
- Parking
- Bicycle & Pedestrian
- Land Use/Socioeconomics
  - Regional Land Use & Development
  - Land Use Plans
  - Division of Established Community
  - Displacements
  - Environmental Justice
  - Economic & Fiscal
- Visual Quality
- Air Quality
- Climate Change
- Noise
- Vibration
- Energy
- Geologic Hazards
  - Seismic
  - Liquefaction
  - Subsidence
  - Subsurface Gases
- Hazardous Waste & Materials
- Ecosystems/Biological Resources
- Water Resources
- Safety & Security
- Parklands & Community Services
- Historic, Archeological, Paleontological
- Growth Inducing
- Cumulative Impacts



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# Construction:

## Areas with Impacts Requiring Mitigation

- Traffic
- Parking
- Bicycle & Pedestrian
- Land Use/Socioeconomics
  - Division of Established Community
  - Economic & Fiscal
- Visual Quality
- Air Quality
- Noise & Vibration
- Geologic Hazards
  - Subsidence
  - Subsurface Gases
- Ecosystems/Biological Resources
- Parklands & Community Services
- Historic, Archeological, Paleontological
- Cumulative Impacts

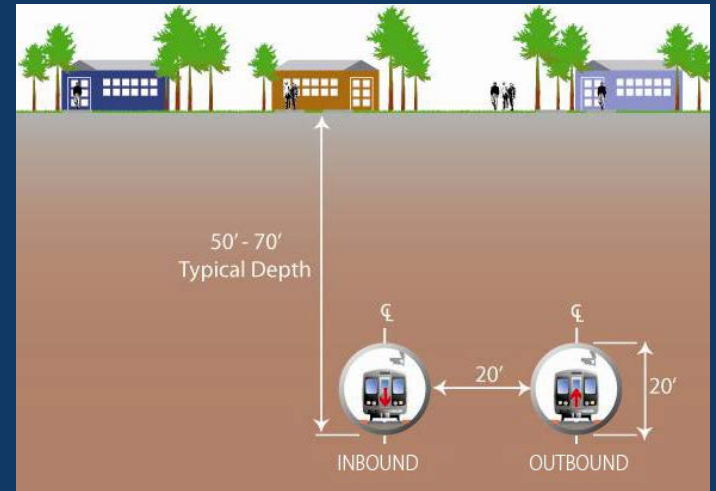
Refer to Draft EIS/EIR for locations & other details of impacts including potential mitigation measures



# Operations:

## Areas with Impacts Requiring Mitigation

- Traffic
- Parking
- Land Use/Socioeconomics
  - Displacements
- Visual Quality
- Vibration
- Historic, Archeological, Paleontological
- Geologic Hazards
  - Seismic
  - Liquefaction
  - Subsurface Gases
- Safety & Security





# Strategies to Address Key Potential Impacts

- **Design**
  - Employ latest structural standards to address geological & seismic issues
  - Tunnel depths reduce or eliminate surface noise & vibration
  - Utilize noise-dampening rail fasteners
- **Construction**
  - Deep-bore tunnels reduce surface noise & vibration
  - Pressure-balanced tunnel boring machines reduce subsidence
  - Enhanced tunnel liners & ventilation in gassy ground
  - Develop detailed utility relocation plan with ongoing utility coordination
- **Operations**
  - Ongoing safety monitoring & plans
  - Other

# Benefits of the Westside Subway Extension

## Study area today:

- Highly congested corridor
- Further decline in bus/auto travel speeds anticipated
- Major job centers
- Other key regional destinations
- No room for major surface capacity enhancements

## Project would provide:

- Fast, reliable & high-capacity transit alternative

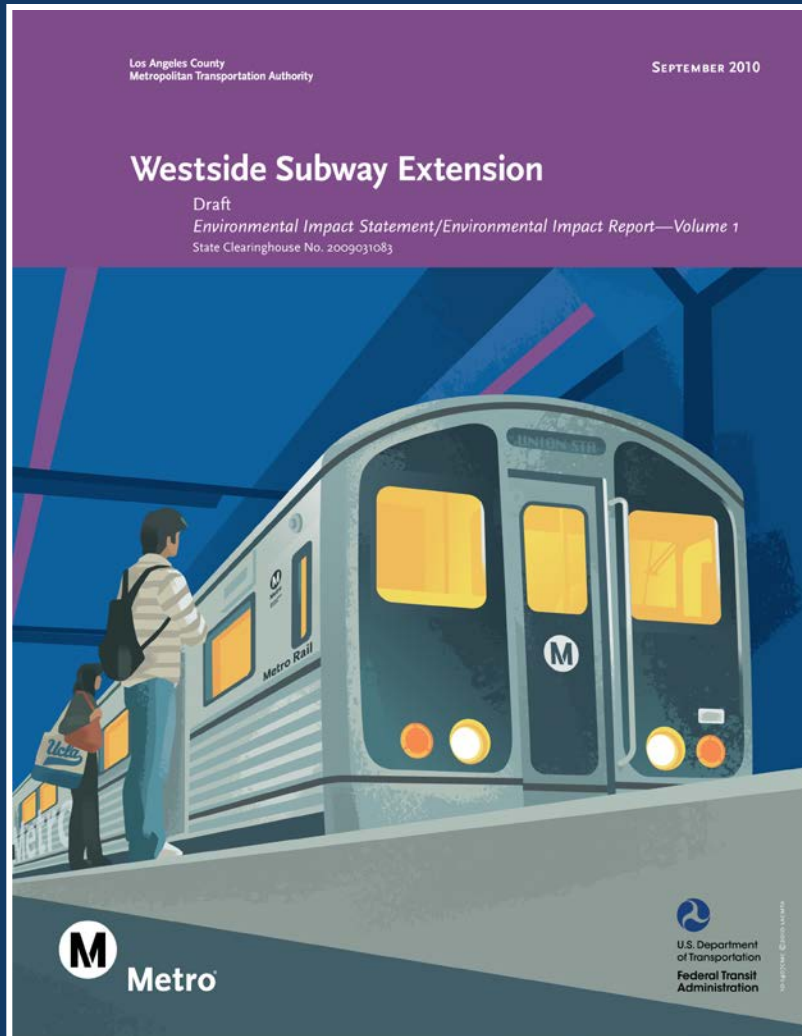


Transit Travel Time to Westwood/UCLA

From	Today*	With Project (Alt 2)
<b>San Gabriel Valley</b>		
-Covina	99	72
-Pasadena	82	51
<b>Downtown/Mid-City</b>		
-Pershing Square	54	24
-Koreatown	36	14
<b>San Fernando Valley</b>		
-North Hollywood	61	41
-Northridge	98	72
<b>South LA</b>		
-Florence	76	41
-Crenshaw/Green Line	85	62
<b>Gateway Cities</b>		
-Long Beach	114	78
<b>East LA</b>	76	36

\*Based on current Metro Schedules

# Using the Draft EIS/EIR to Recommend the Locally Preferred Alternative



**Staff recommendation  
for the LPA**

- Best alternative utilizing federal criteria & considering local input
- Decisions about 5 alternatives & multiple station/alignment options

# Key Decisions About the LPA

1. What is the best performing alternative within funding constraints?
2. How far west should the subway extend? Westwood/UCLA or Westwood/VA?
3. Should there be a station at Wilshire/Crenshaw?
4. Selecting among multiple station location options at:
  - Wilshire/Fairfax
  - Wilshire/La Cienega
  - Century City
  - Westwood/UCLA
  - Westwood/VA
5. Selecting among multiple alignment options between:
  - Wilshire/Rodeo & Century City Stations
  - Century City & Westwood/UCLA Stations

# What We'd Especially Like to Hear From You

- Comments on Draft EIS/EIR impacts or mitigation measures
- Additional questions you would like answered in Final EIS/EIR
- Comments on the LPA
  - Alternative choice
  - Station options
  - Alignment options
  - Other
- Suggestions beyond the LPA



**Comments Must be Received by  
October 18, 2010**

