

Metro's Highway Program: Rails and Roads

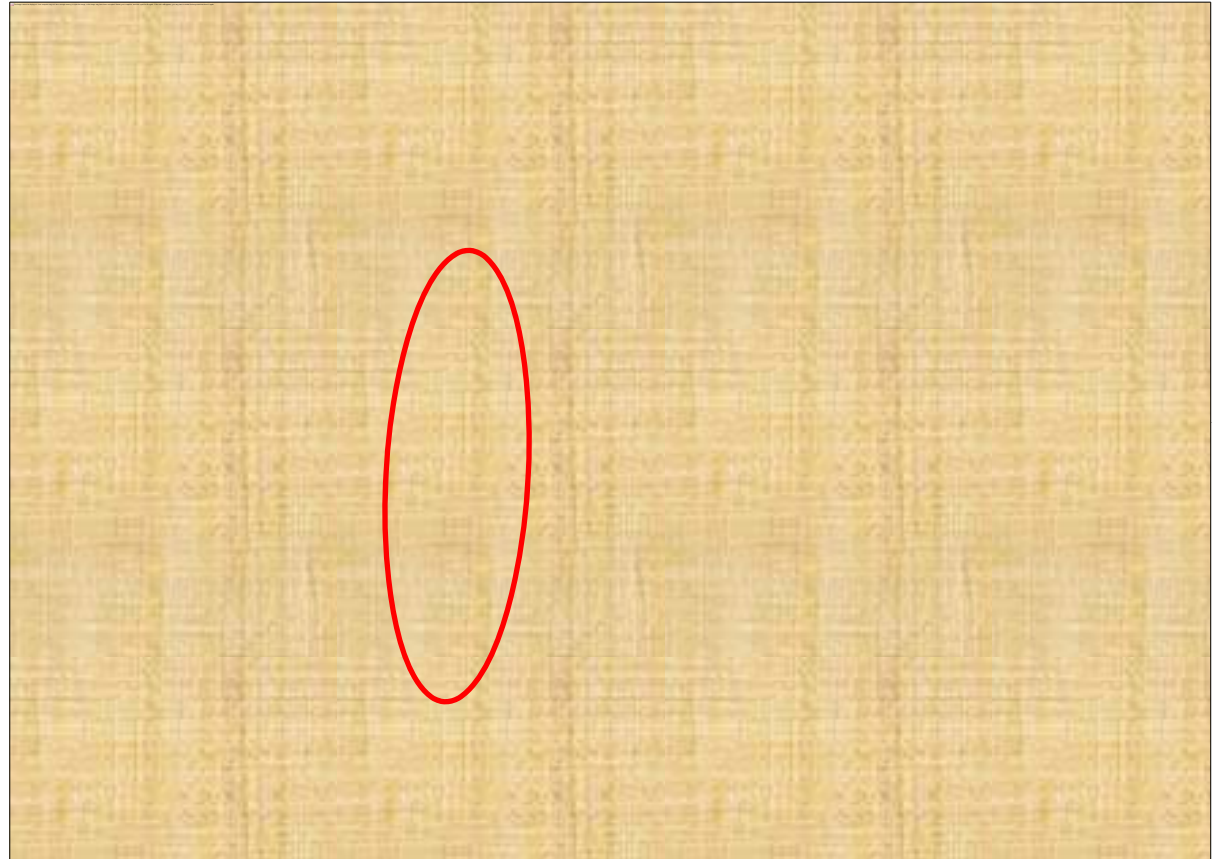
Transit Coalition Meeting
September 25, 2013



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Executive Director, Highway
Program

State Route 710 North

- Extension of existing Long Beach Freeway from I-10 to I-210
 - BRT
 - LRT
 - Freeway Tunnel
 - No build
- Draft EIR/EIS complete Spring 2014
- Measure R: \$780 Million
- Cost : \$3 to 5B



- 4.5 mi. Gap between SR-134 terminus in Pasadena & SR-710 terminus in Alhambra
- Initial study area over 100 Square Mile²

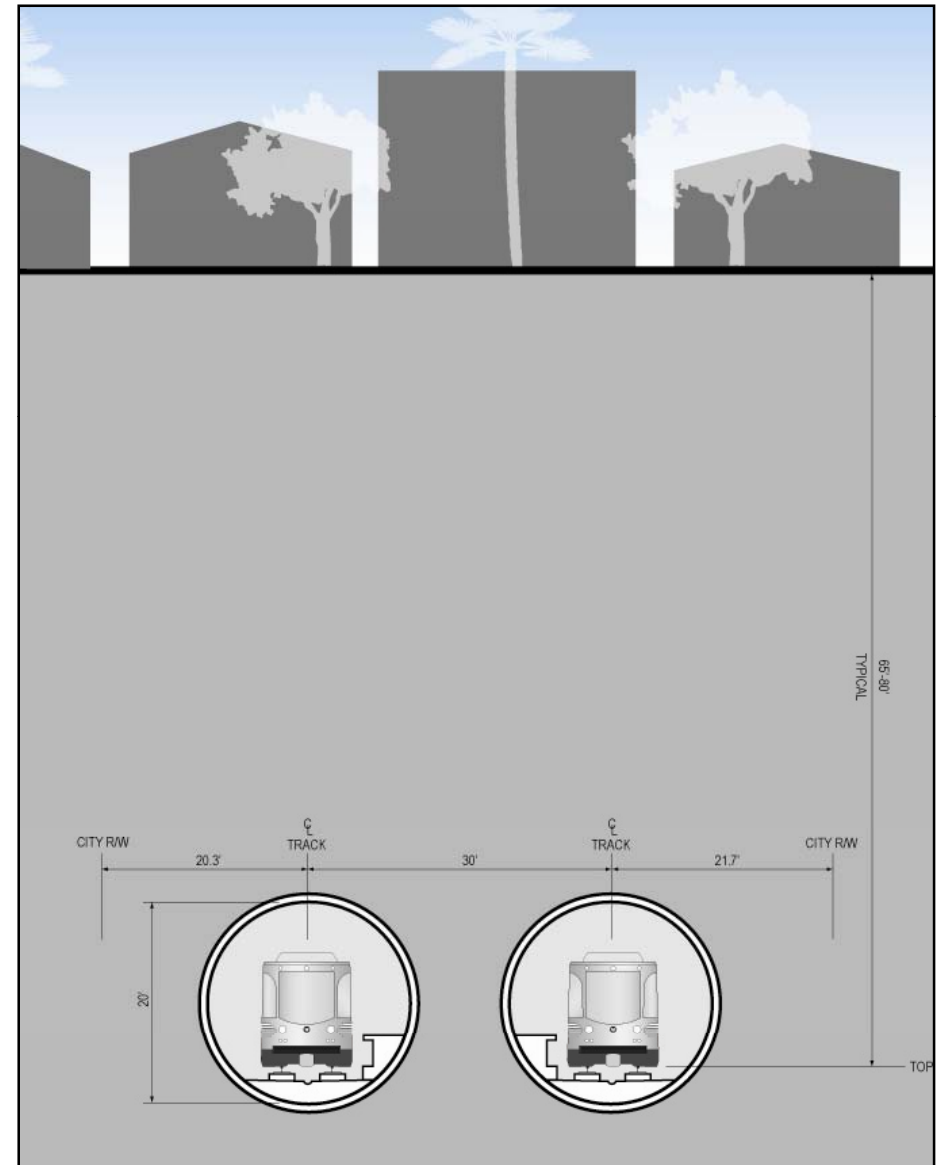
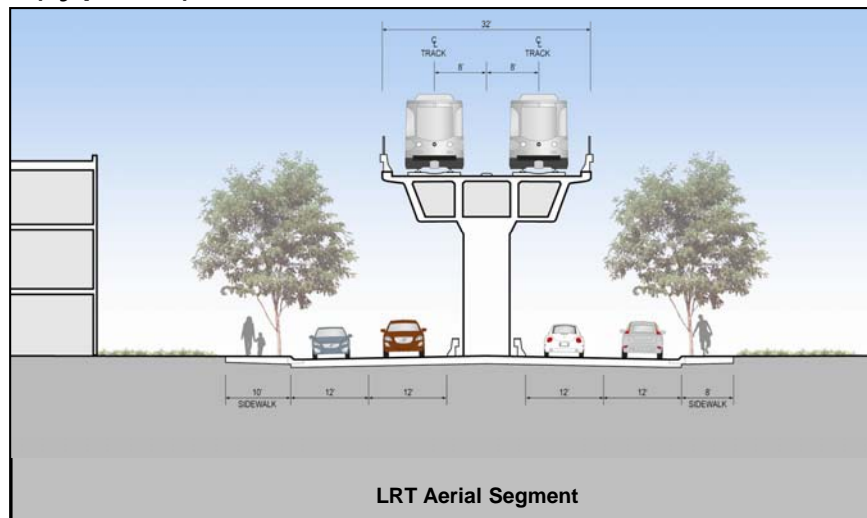
Light Rail Transit (LRT) Initial Design Concepts

Aerial Segment

- more than 3 miles long
- 25-30 feet over roadway
- 40-50 feet over roadway on hillside

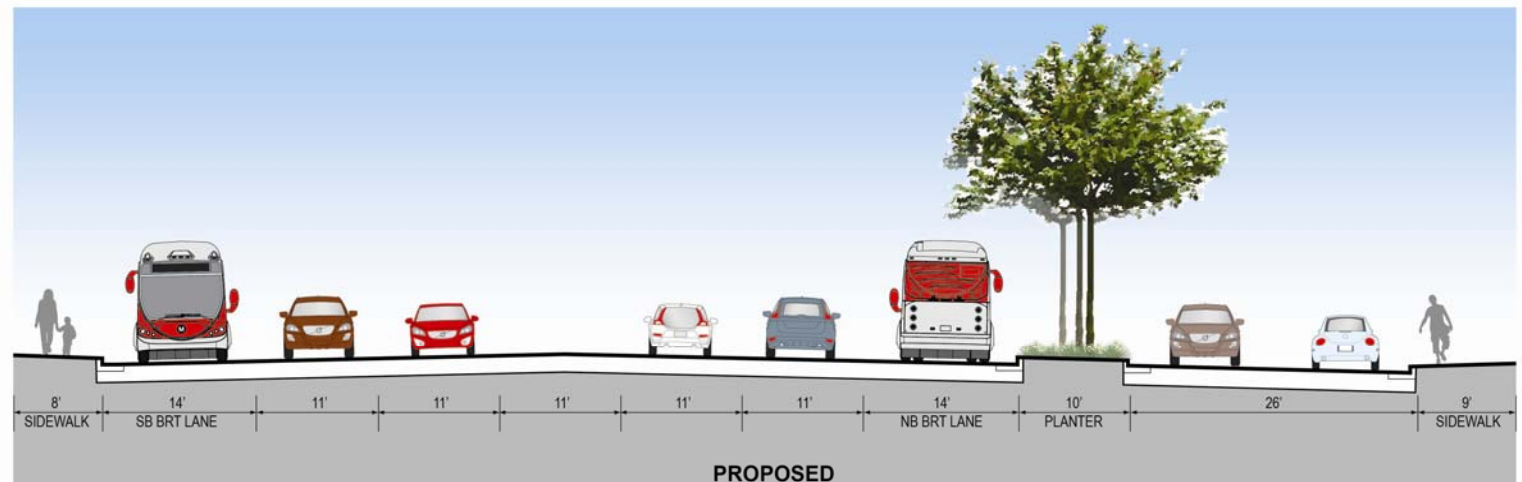
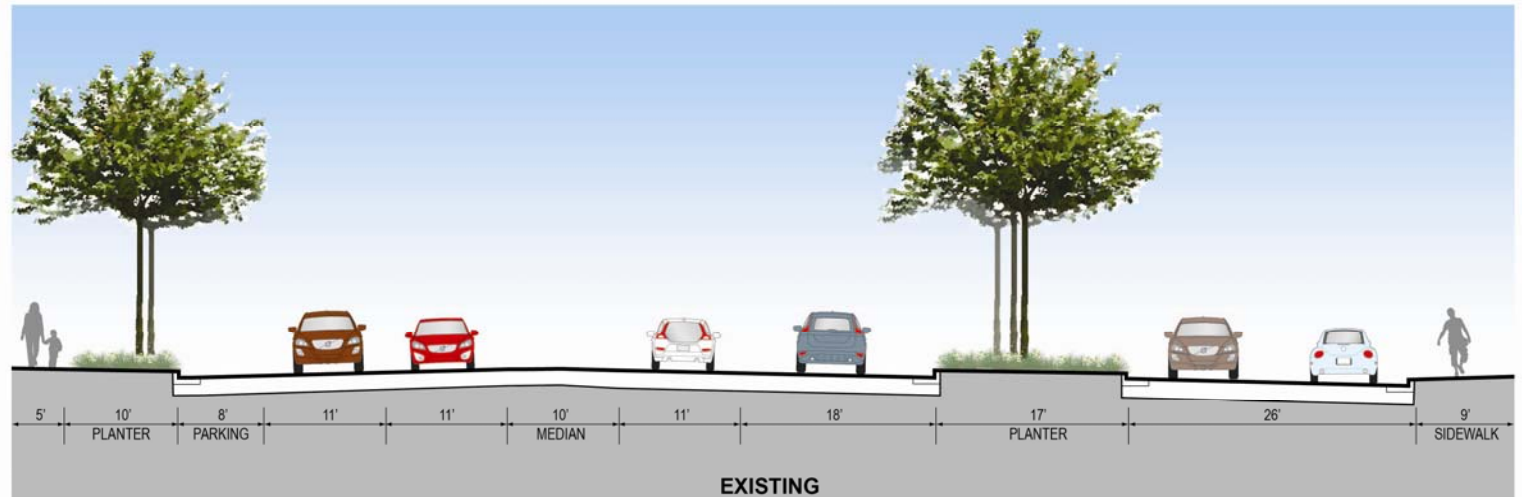
Tunnel Segment

- Length: 4.5 miles
- Total Length: 7.6 miles
- Diameter: 21.7 feet
- Tunnel Cover/Depth: 50-75 feet (typical)



Bus Rapid Transit (BRT) Initial Design Concepts

- Route Length: 14 miles
- Total Stops: less than 20
- Peak Headways: 10 minutes
- Off-Peak Headways: 20 minutes
- Vehicle: 60 foot Bus (Articulated)



BRT6 Atlantic

High Desert Corridor

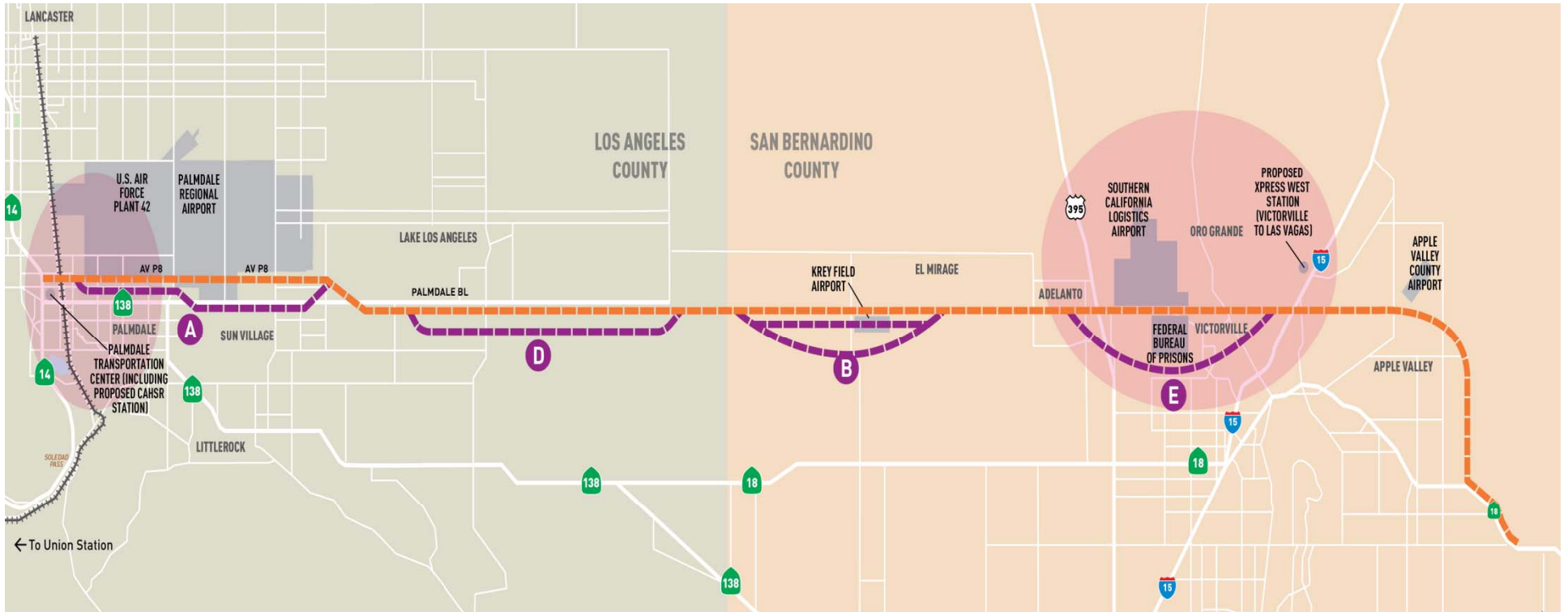
A new connection between LA and San Bernardino Counties through the High Desert area (approx. 55 mi. considered for P3)

Components may include:

- Freeway/Expressway/
Toll Road
- High Speed Rail Feeder
Service Line
- Green Energy element
offsets numerous project
costs and contributes to
greenhouse gas
reduction goals
- Bicycle Element
- Availability Payment?
Toll risk?



High Desert Corridor



- Summer 2014 - Draft EIR/EIS complete
- Spring 2015 - Project Approval/Environmental Document
- Measure R: \$33 Million
- Total Cost: ≈\$5 Billion (Highway ≈\$3B, Rail ≈\$2B)

Key Elements



- Highway



- High Speed Rail



- **Green Energy**
- Rail element connection between two proposed lines
- Green energy element offsets numerous project costs
- Two ends of freeway not tolled, middle segment potentially tolled
- Bicycle Route

Questions?

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