

Purpose of the I-710 Corridor Project EIR/EIS

- Provide detailed information on benefits, costs, and impacts of each proposed alternative
- Promote informed decision-making on transportation system investment

POTENTIAL BENEFITS: Reduced traffic congestion, reduced travel times, increased traffic safety, improved air quality, improved water quality, job growth

• POTENTIAL IMPACTS: Noise, visual, water quality, acquisition of private property, construction

Design, right-of-way, construction, operations and maintenance • POTENTIAL COSTS:



Purpose & Need

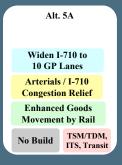
- Improve air quality and public health
- Improve traffic safety
- Reduce traffic congestion
- Address design deficiencies
- Address projected growth in the corridor



I-710 EIR/EIS Project Alternatives Alternative 1 (No Build) ⇒ Required under CEQA and NEPA Alt. 1 ⇒ Represents the Future (2035) Baseline Condition ⇒ Consists of Planned and Committed Projects, such as: • Clean Trucks Program Expanded Pier Pass • Empty Container Management No Build • I-710 Pavement Rehabilitation Project Added Lanes to I-5 between the Orange County Line and I-605 • Traffic Signal Coordination Projects on Key Arterials throughout the I-710 Corridor Study Area Metro

I-710 EIR/EIS Project Alternatives

Alternative 5A (Widen to 10 General Purpose Lanes, No Freight Corridor)

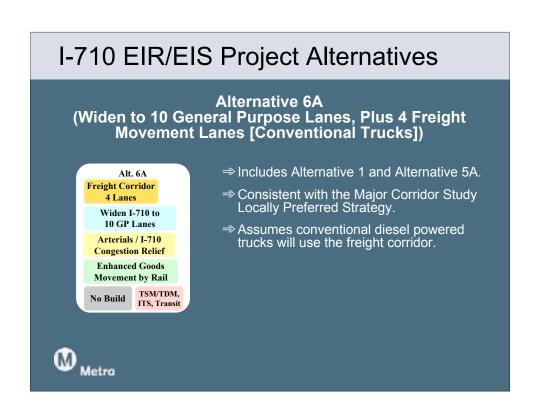


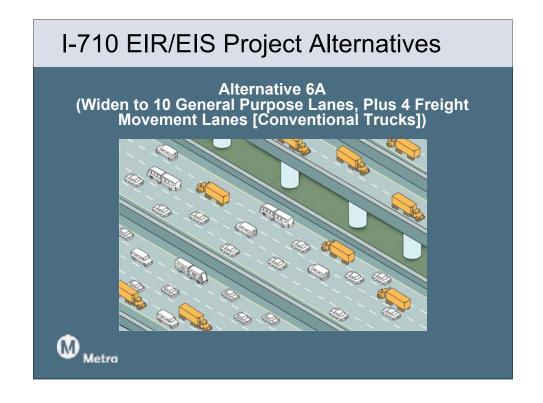
- ⇒ Includes Alternative 1 (Future No Build), Enhanced Goods Movement by Railroad, TSM/TDM, Transit, ITS, Arterial Street Improvements and Interim I-710 Congestion Relief Projects.
- ⇒ Less impact than Alternative 6 and provides measurable benefits.
- ⇒ Provides a basis for comparison of the benefits, cost and impacts of the freight corridor in Alternative 6.

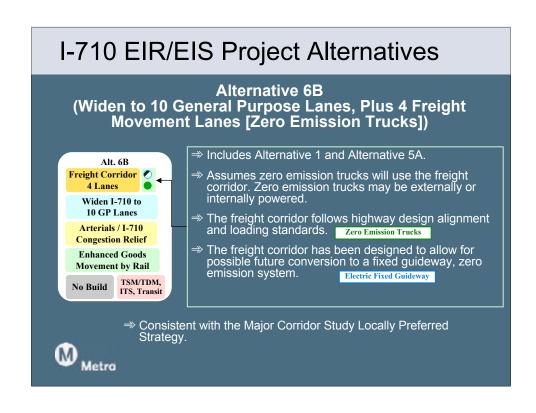


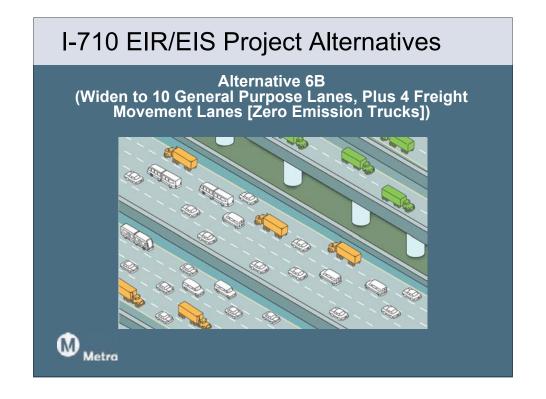
I-710 EIR/EIS Project Alternatives Alternative 5A (Widen to 10 General Purpose Lanes, No Freight Corridor)











Environmental Studies

- Comparative analysis of project alternatives
- Assess impacts to human, physical, and natural environment



Visual Impact Assessment

Purpose

 provide a comparative evaluation of the visual impacts of each alternative on sensitive viewer groups within the I-710 Corridor communities

Methodology

- Define existing project setting/viewshed
- Determine potential key views
- · Analyze existing visual resources and viewer response
- Evaluate key views using Caltrans/FHWA visual assessment criteria
- Prepare mitigation/enhancement measures



COMMUNITY ENHANCEMENT CONCEPTS



Overarching Enhancement Goals

Community Beautification & Identity

Highlight unique community identities within a unified overall corridor theme

Connectivity

Strengthen physical connections, access and mobility within and between communities

Sustainability

Implement new technologies and best practices to ensure maximum respect for the environment and natural resources

• Respectful & Appropriate Infrastructure Design

Design in scale with the size and speed of a freeway corridor; reduce massing of structures; visually integrate built elements with surroundings



Topics Covered Previously

Initial Alternative Themes

- Conventional Treatments with LA River Theme
- Eco / High Technology Concept
- Contemporary Art Concepts

Design Principles

- Overall Theme
- Sustainability
- Sound Walls and Privacy Walls
- Greening/Landscaping
- Artistic Treatments
- Connectivity with Communities
- Freight Corridor
- Bridges







Aesthetics & Sustainability

Aesthetics - An appreciation of beauty

Sustainability - Meets society's present needs without compromising the ability of future generations to meet their needs

For a freeway this could mean:

- Low water usage landscaping
- Storm water from roadways into vegetated bio-swales for filtration and recharge of ground water
- Pedestrian and bicycle connections across the freeway
- LED Lighting powered by alternative energy
- Construction materials from local sources
- Art made from recycled material sourced from the neighborhood



Topics of Today's Workshop

- Overall Concepts
 - Generate / Re-Generate
 - Landscape
- Community Arterial Tool Box
 - Pedestrian and Bicycle Circulation
 - Landscape
 - Community Branding
 - Pedestrian Lighting &
 Energy Generation / Railings
- Freeway Enhancements
 - Sound Walls and Screen Walls
 - Bridges
 - Landscape
 - Lighting and Energy Generation
- Community Branding

- Freight Corridor (Alt. 6A/B only)
 - Sound walls
 - Screen walls
 - Landscape
 - Lighting and Energy Generation

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Overall Theme

- Weaving Transportation / LA River / Energy Corridors into the Communities
- Opportunity for a Sustainable Corridor
- Transportation
- Energy Generation
- Water quality improvements
- River restoration
- Connections
- Overall Design
- Unified freeway corridor
- Unique branding for individual communities













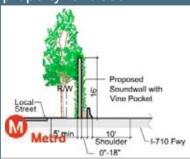




Opportunities for Greening

Community side of sound wall

- Leave five feet minimum for trees at end of local cul-de-sacs, if feasible
- Use vines when space is limited
- Consider easements on private property for trees



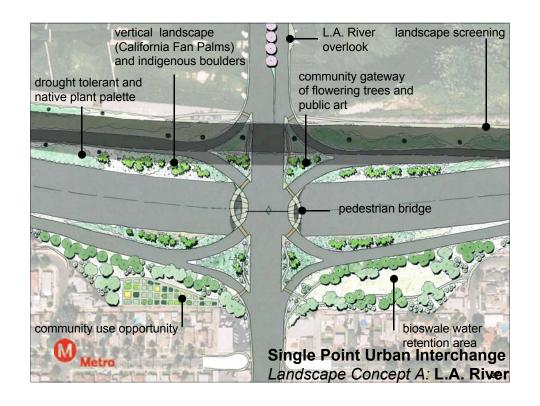




Landscape Concept A: LA River

- Plant palette Use of drought tolerant native plants visually integrating the banks of the Los Angeles River onto the freeway embankments.
- Tree Planting California Fan Palms or Canary Island Pines create a vertical landscape element.
- Retention Areas Native vegetation areas dedicated to the collection and filtration of run-off.
- Pedestrian Bridge Sculptural pedestrian / bicycle bridges running with planter areas.
- Excess ROW Open space not used for water retention creates an opportunity for community uses (i.e. garden, neighborhood gathering area).
- Gateways & Public Art Flowering street trees, parkway buffers along arterials and art opportunities.







Landscape Concept A: LA River

PRELIMINARY PRIMARY PLANT PALETTE:

- California Sycamore
- Native Oaks
- California Fan Palm
- Canary Island Pine
- Incense Cedar
- Flannel Bush
- Lemonade Berry
- Coffee Berry
- San Diego Marsh Elder
- California Lilac
- Coyote Brush
- White Alder
- Other native or L.A. River compatible plantings



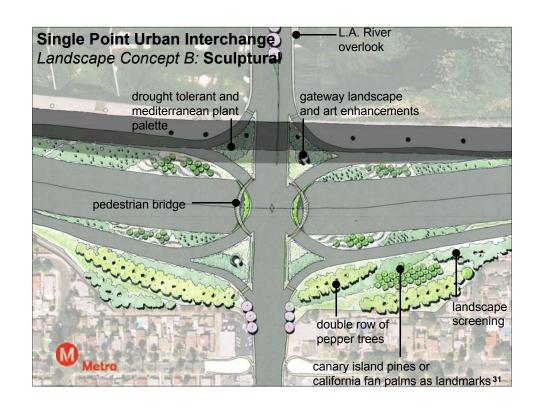


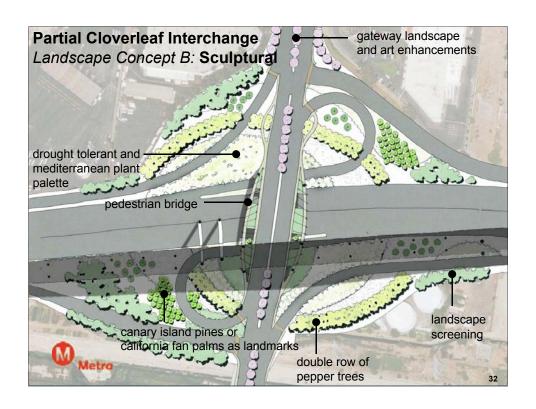


Landscape Concept B: Sculptural

- Plant palette Drought tolerant Mediterranean plants with California adapted plants.
- Tree Planting Mass grouping of trees in a grid or curvilinear pattern creating a landmark.
- Pedestrian Bridge Pedestrian / bicycle bridges parallel to vehicular bridge with planter areas used as traffic buffers.
- Landscape Screening Dense planting as landscape buffer from freeway to adjacent users.
- Gateways & Transportation Art Flowering street trees and parkway buffers along arterials with art opportunities.







Landscape Concept B: Sculptural

PRELIMINARY PRIMARY PLANT PALETTE:

- California Sycamore
- California Pepper Tree
- California Fan Palm
- Canary Island Pine
- Chinese Flame Tree
- Blue Palo Verde
- Italian Buckthorn
- Rosemary
- Acacia
- Lantana
- Coyote Brush
- Blue Oat Grass
- Other climbing vegetation



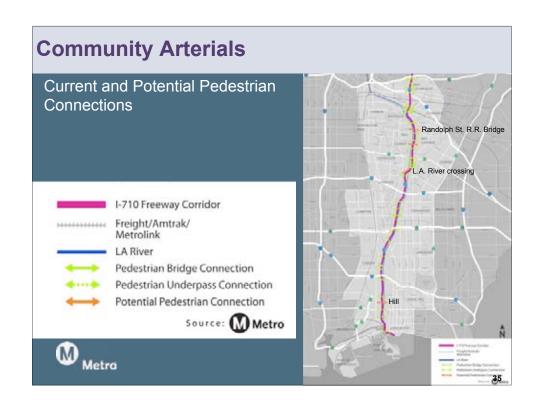




COMMUNITY ARTERIAL ENHANCEMENT TOOLBOX

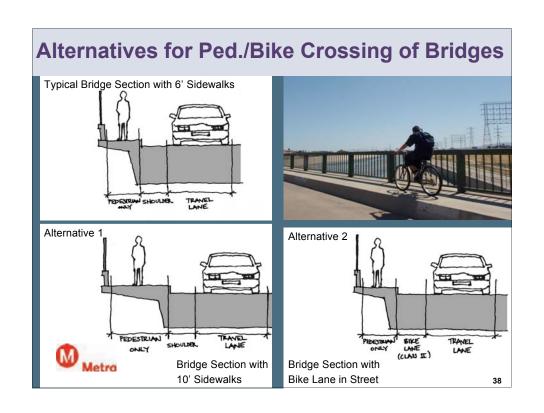
- Sidewalks
- Bicycle Paths
- Railings and Guard Rails
- Street Trees and Other Landscaping
- Public Art
- Gateways for Community Identity
- Pedestrian Lighting and Energy Generation

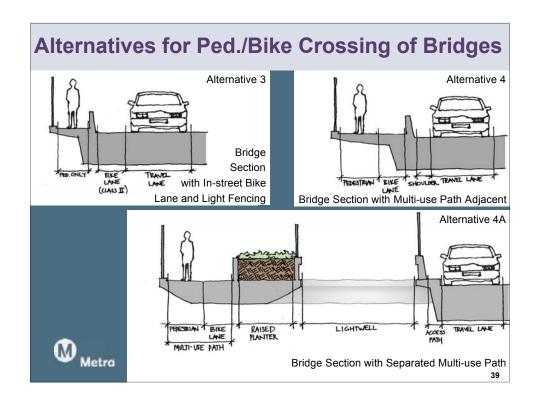










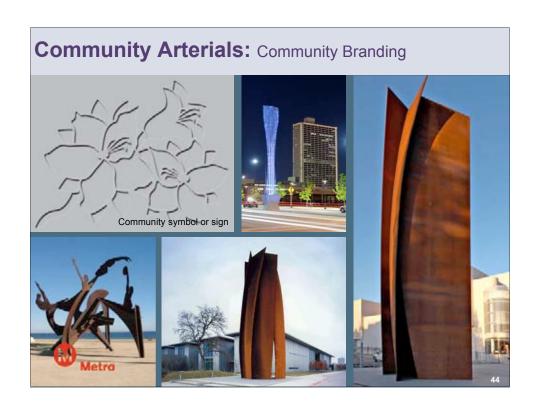


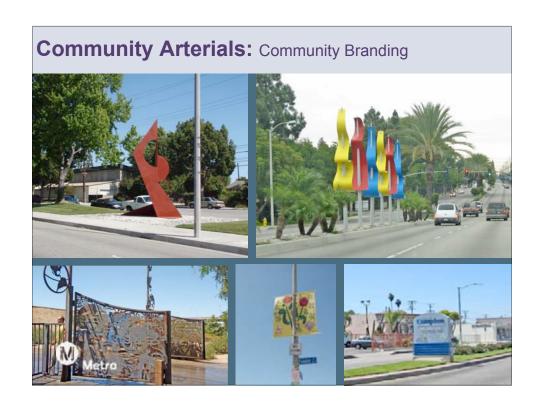


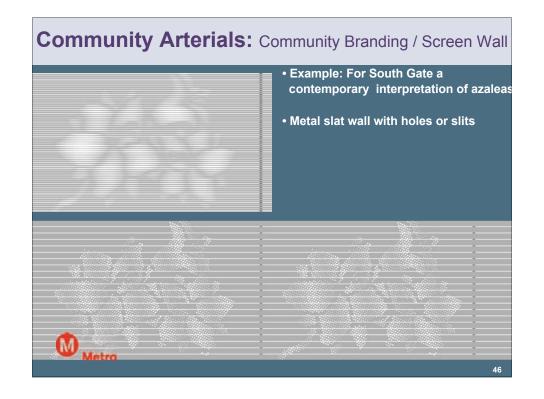


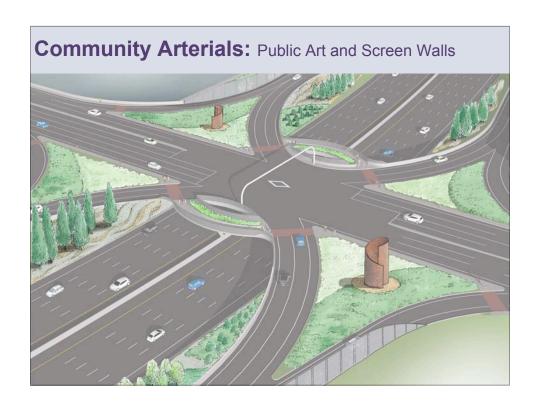












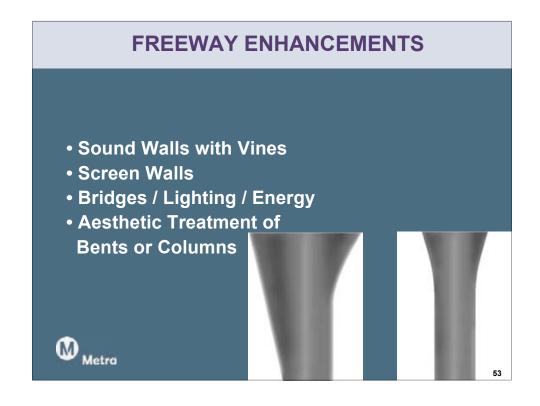


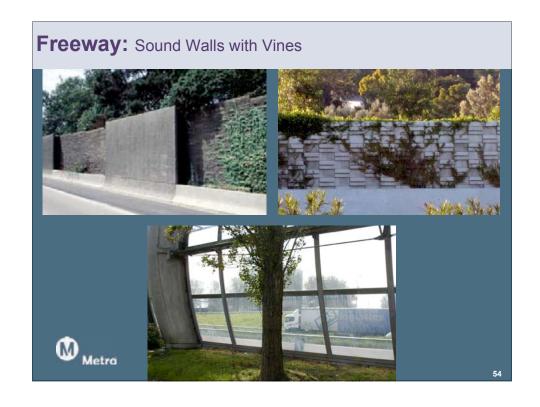


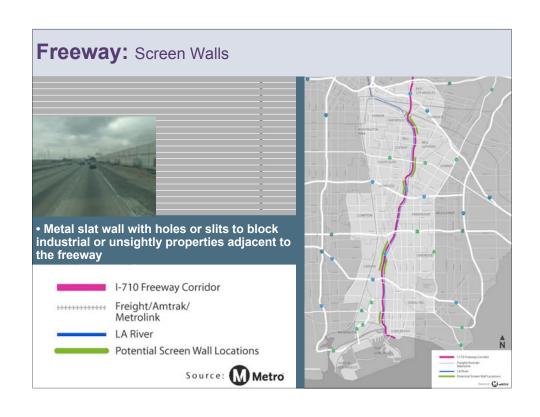


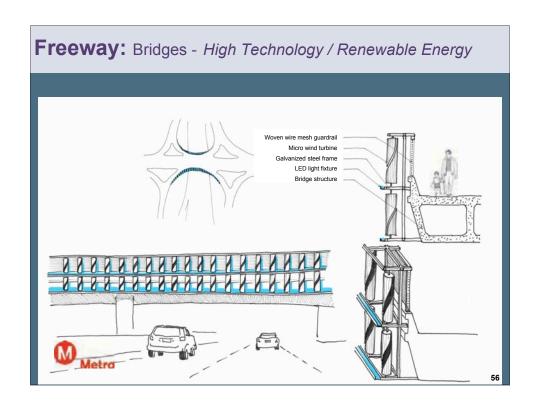


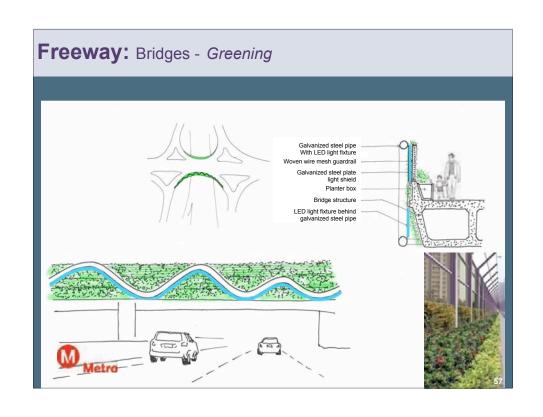


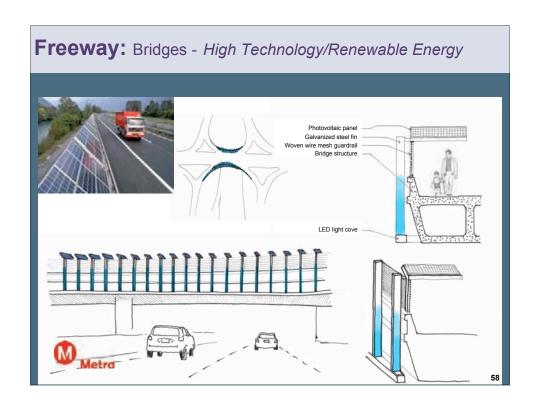










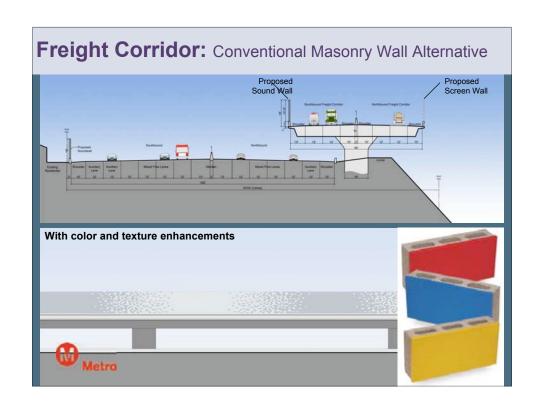




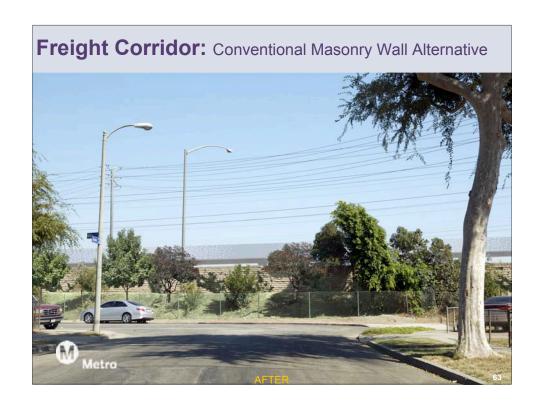
FREIGHT CORRIDOR ENHANCEMENTS

- Sound Walls with Vines
- Screen Walls
- Landscape
- Lighting / Energy
- Community Branding at Arterial

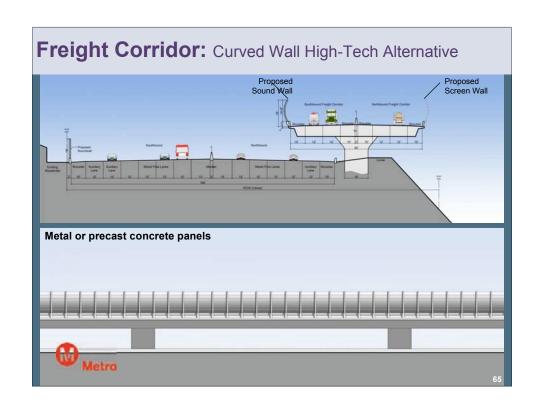


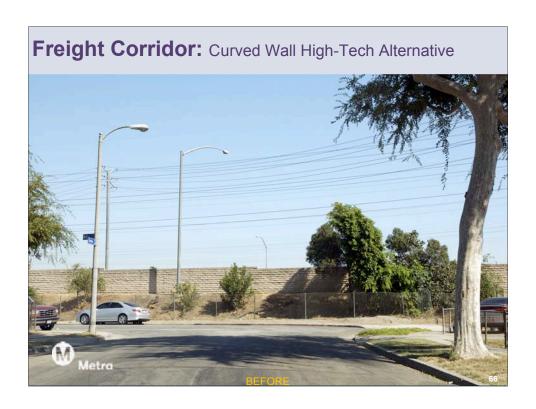


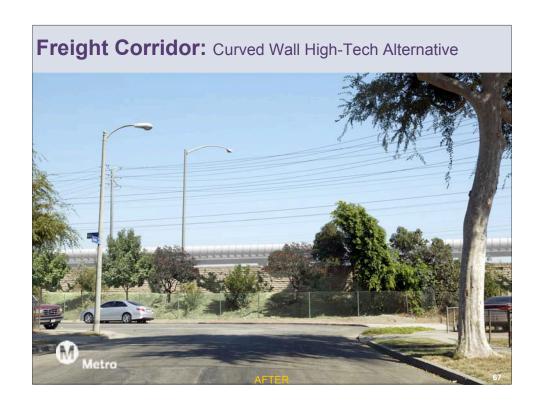




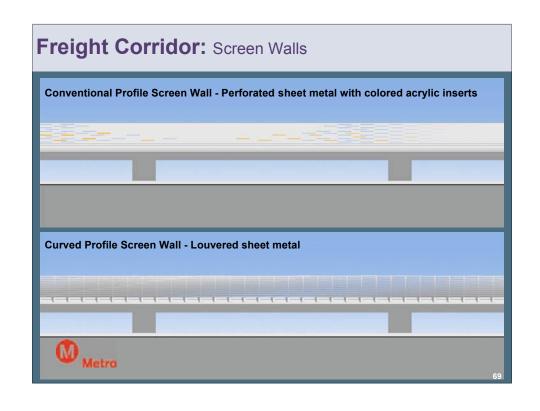








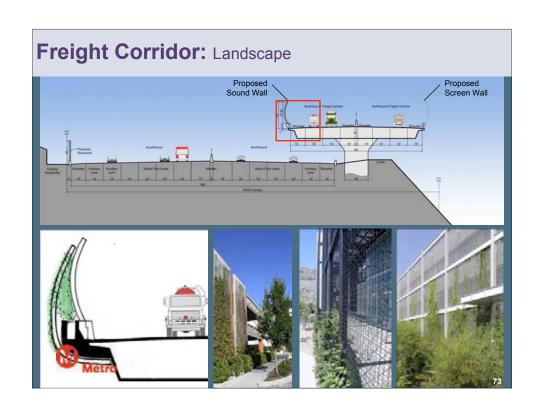


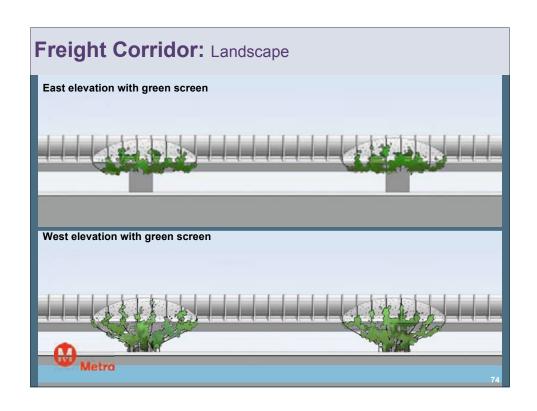












Freight Corridor: Lighting and Energy Generation Urban Power Plant, Joe De Le Ree, Pathangay Associates Metro Innowattech pizeo-electric roadway

Next Steps

- CAC Meeting July 15
- Project Committee Meeting July 29
- Community Design Working Group Urban Design Concepts TBD

