

Design Aesthetic Advisory Committee Meeting - July 10, 2012

SIXTH STREET VIADUCT REPLACEMENT

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City Engineer

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City of Los Angeles
Department of Public Works
Engineering

Agenda

- **Introductions**
 - **Design Aesthetic Advisory Committee Members (DAAC)**
- **Sixth Street Viaduct Replacement Project**
- **Design Priorities**
- **DAAC Input on Design**
- **Public Input on Design**
- **End Meeting**

Design Aesthetic Advisory Committee

- **Hitoshi Abe** Chair, UCLA Dept of Architecture and Urban Design
Principal, Atelier Hitoshi Abe
- **Cesar Armendariz** President of Board of Directors, Boyle Heights Chamber of Commerce
Professor, USC Marshall School of Business
- **Yuval Bar-Zemer** Arts District Resident
President and CEO, Linear City, LLC
- **Jonathan Jerald** Arts District Resident
Secretary, Los Angeles River Artists Business Association (LARABA)
- **Tony V. Harris, PE** Partner, Point C, LLC
- **Ozzie Lopez** Executive Director, Boyle Heights Technology Center
City of Los Angeles Community Development Department
- **Lewis MacAdams** President, Friends of the Los Angeles River (FoLAR)
- **Eric Owen Moss, FAIA** Principal, Eric Owen Moss Architects
Director, Southern California Institute of Architecture (SCI-Arc)
- **Doug Suisman, FAIA** Principal, Suisman Urban Design



VISION STATEMENT

**“TO LEAD THE TRANSFORMATION OF LOS ANGELES
INTO THE WORLD’S MOST LIVABLE CITY.”**



Sixth Street Viaduct Replacement Project In Conjunction with Caltrans & FHWA



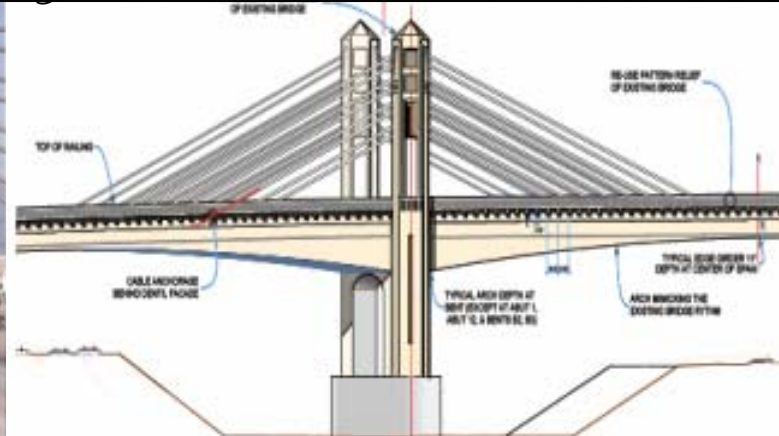
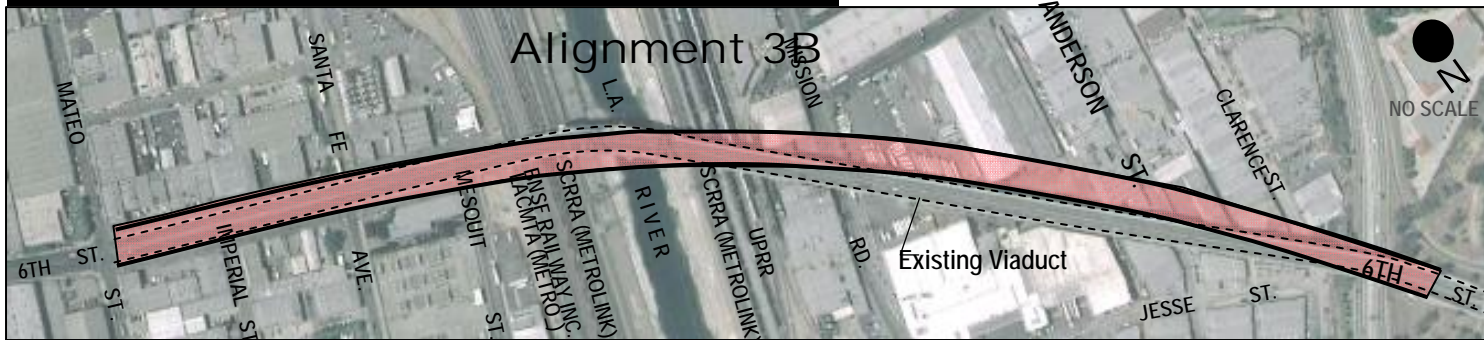
Approved Project

EIR/EIS Completed

- Replace Viaduct
- New Alignment
- Cable Stayed
- \$401M Budget

Benefits

- Creates Roadway Shoulders
- Provides Wider Sidewalks
- Removes Kink in Bridge
- Provides Safety Median Buffer
- Multimodal: Pedestrians & Bikes
- River Access & Enhancements



Project Elements

Real Estate:	Impact 32 parcels – whole/partial acquisitions, relocations
Main Span:	Signature Bridge, Cable Stayed, Concrete
West Approach, East Approach:	Concrete Box Girders
Roadway:	4 Vehicular, 2 Bike Lanes, Median, Shoulders, Ped Walkway
Utility Relocations:	Avoid Overhead Transmission Lines, Relocate Others
Railroad Corridors:	Safety Shields, River Access Tunnel Under RR Tracks
LA River:	In-Channel Work, Consistent with Revitalization Plans
Street Improvements:	Temporary and Permanent, 20 Intersections
Demolition:	Existing Viaduct, Approximately 10 Existing Buildings

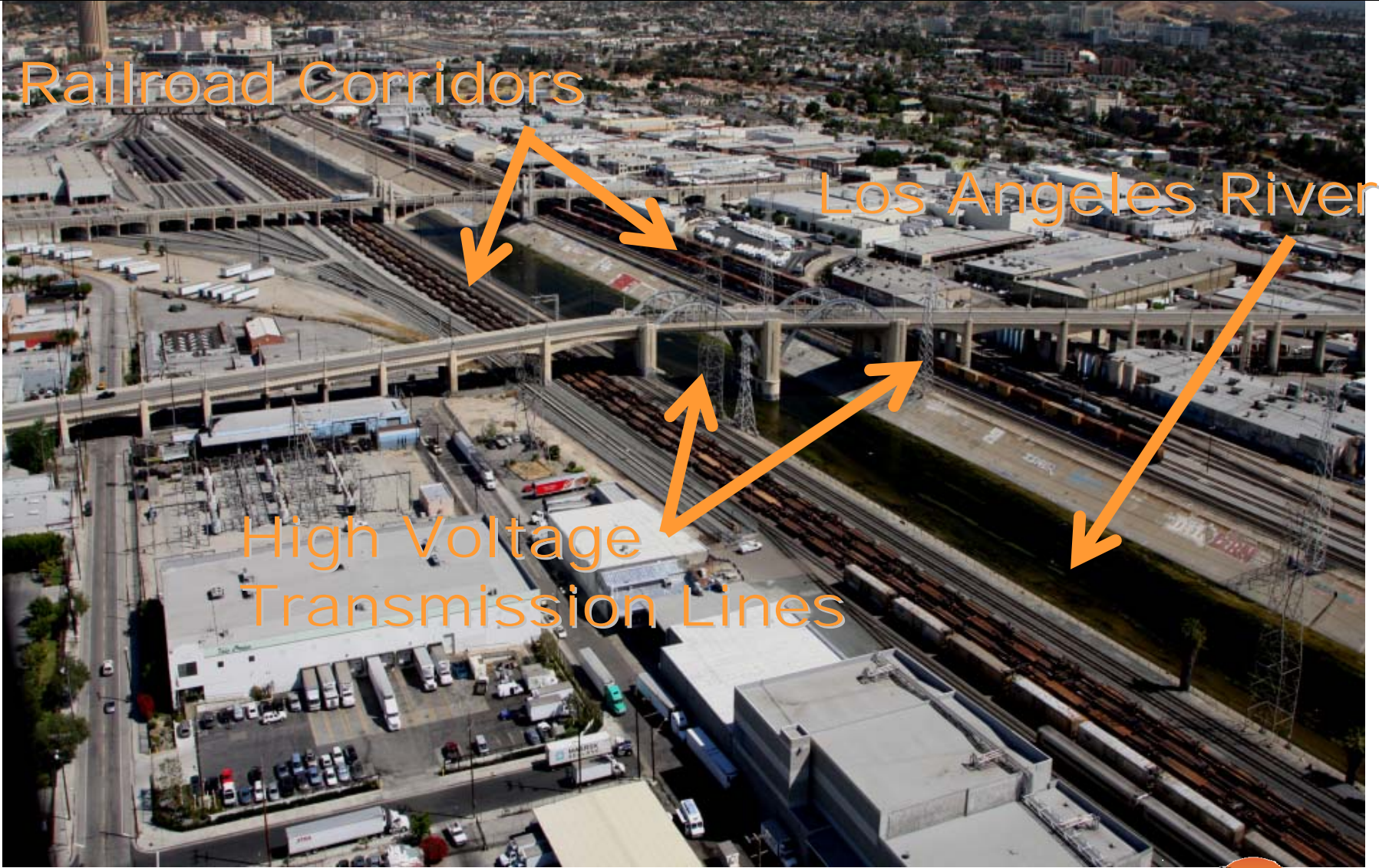
Project Budget

Project Phase	\$ Amount (in millions)
Preliminary Engineering and Environmental Clearance	17
Program Management and Final Design	20
Right-of-Way	105
Construction and Construction Management	259
Total	401

Construction Budget by Element

Design Consultant Scope	\$ Amount (in millions)
New Viaduct	140
Demolition	12
Roadway and Intersection Improvements	10
Other Street Improvements	13
Tunnel and Railroad Improvements	10
River, Landscaping, Bicycle, Pedestrian	5
Total	190

Project Constraints



Railroad Corridors

Los Angeles River

High Voltage
Transmission Lines

Design Priorities

- Main Span is to be a cable-stayed bridge
- Distinct architectural expressions
 - size, shape, number, and relationship of towers
 - configuration of cable connections
 - design of railings
 - configuration of sidewalks
 - introduction and design of belvederes
 - design of underside of Viaduct
 - choice of colors, materials and textures
 - choice of decorative and functional lighting
 - design of potential gateway elements

Design Priorities

- Crossing Viaduct in automobile, on bicycle, or on foot
- Viewing the Viaduct
 - immediately to east and west of River
 - underside of the Viaduct
 - from the other River spans to the north and south
- Relating the Viaduct to the nearby historic River crossings
- Views of the adjacent bridges and the City skyline
- View when future River-adjacent public paths are developed
- Daytime and nighttime experience

Design Priorities

- Environmentally advanced structure
 - Sustainability goals
 - Low impact development goals
 - Green building goals
 - Sensitivity to supporting all modes of traversing the Viaduct
- Connections to neighborhoods in Viaduct proximity
- Facilitate/celebrate implementation of LA River Revitalization Master Plan
- Low embodied energy of material choices
- Efficient construction methods
- Create well-used public spaces

Project Oversight

Project Oversight

Mayor's Office

City Council District 14 Office

Board of Public Works

Seismic Bond Governance Oversight Committee

Funding Oversight

California Department of Transportation (Caltrans)

Federal Highway Administration (FHWA)

Design Aesthetic Advisory Committee Input

Design Aesthetic Advisory Committee

- DAAC to provide input on
 - Bridge aesthetics for the new structure
 - Associated roadways under new structure
 - Colors, textures, lighting, railings
 - Community/City gateway monumental elements
- DAAC participation
 - design review meetings

Design Teams Under Consideration

- AECOM
- ARUP
- HNTB
- Parsons
- Parsons Brinckerhoff
- SOM (Skidmore, Owings & Merrill)

Project Schedule



End of 2012	Selection of Design Consultant
Summer 2014	Complete Right-of-Way Activities
Summer 2014	Complete Design
Early 2015	Begin Viaduct Demolition/Construction
End of 2018	Complete Construction

Design Consultant Selection

Milestone	Date
Select 3 Consultants for Design Competition	Jul 31, 2012
Public Presentations #1 and #2 (by Design Teams)	Sep 12 & 13, 2012
Public Presentations #3 and #4 (by BOE)	Sep 17 & 18, 2012
Select Design Consultant	Oct 2012

Sixth Street Viaduct Replacement Project



DAAC Input
Public Input

Sixth Street Viaduct Replacement Project

Thank you for attending!

For more information:

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