

Shoemaker Bridge Replacement Project

Council Meeting Presentation

City of Long Beach



June 9, 2015

I-710 Corridor

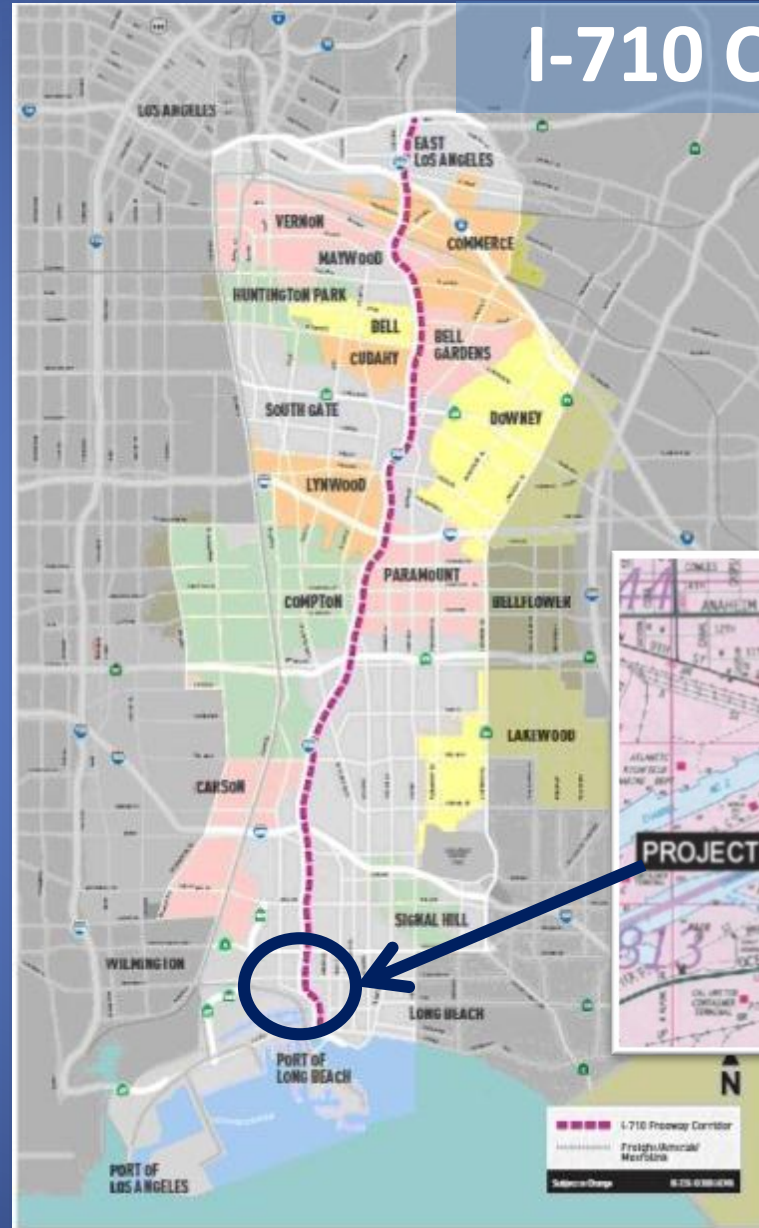
Project Location

Key Roadway Elements:

- Freeway Entrance/Exit to Downtown

Access Locations:

- 6th / 7th Streets
- 3rd Street / Broadway
- Ocean Boulevard
- 9th / 10th Streets - Closures



Existing Conditions Exhibit



Ocean Blvd.
Bridge

Shoemaker
Bridge

Anaheim
Bridge

I-710

Bridge History

- Opened in April 1959
- Longest bridge in Long Beach at the time
- Named after Chief Harbor Engineer Robert R. Shoemaker
- Connects Route 710 to Downtown Long Beach
- Owned and maintained by the City

Project Background

- California Transportation Commission (CTC) Resolution HRA 00-3, Feb 23, 2000
 - ✓ City/Caltrans Agreement – Convey Bridge to Caltrans
 - ✓ The existing bridge is not compatible with I-710 Corridor alternatives
- Circulation & Access Improvements
- Cesar E. Chavez & Drake Park Master Plan Integration
 - ✓ Reuse of Existing Bridge
- City Green/Complete Streets and Sustainability Plan
- **Most Important – Safety**

Purpose and Need

Interstate 710 Corridor

- Accident Risk / Safety Problems
- Poor Roadway Conditions
- Outdated Freeway Design
- Growing Traffic Congestion
- Air Quality Concerns
- Improved Quality of Life for the Surrounding Communities Selection

Shoemaker Bridge

- Accident Risk / Safety Problems
- Poor Roadway Conditions
- Outdated Freeway Design
- Growing Traffic Congestion
- Air Quality Concerns
- Improved Quality of Life for the Surrounding Communities Selection
- Cesar E. Chavez & Drake Park Master Plan Integration
- Park Expansion, Reuse of Existing Bridge

Defining the Project Vision

- Partnering and Public Outreach to establish:
 - ✓ *Connectivity (Downtown, river, parks)*
 - ✓ *Aesthetics/Signature Gateway to Long Beach*
 - ✓ *Sustainability*
 - ✓ *Safety/Accessibility*
- Partners/Stakeholders include but not limited to:
 - Planning
 - Parks, Recreation & Marine
 - Harbor Department
 - I-710 Aesthetics Committee
 - Wilmore City Heritage Association
 - Caltrans
 - Metro
 - Gateway COG
 - DLBA

Project Goals

- Create an extraordinary entrance to the City
- Enhance and improve green and open space
- Preserve and repurpose the existing Shoemaker Bridge
- Improve safety and calm traffic entering Downtown

Master Plan for Chavez/Drake Parks

A. BOARDWALK / PROMENADE



B. CESAR E. CHAVEZ PARK



C. NATURE CENTER



D. STORMWATER RUNOFF RECYCLING FACILITY



Subject to Change



E. BIO-RETENTION BASIN



F. COMMUNITY GARDENS



G. DRAKE / CHAVEZ SOCCER FIELDS



H. DRAKE PARK

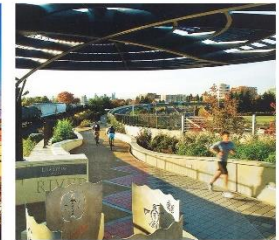


Existing Bridge Reuse

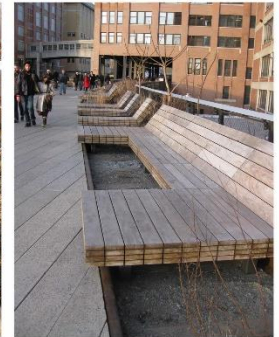
EXISTING CONDITIONS



CHARACTER IMAGES



PROPOSED SITE PLAN



8/7/2013



SHOEMAKER BRIDGE REUSE PROJECT INTEGRATION CONCEPT
CITY OF LONG BEACH, CALIFORNIA

Selection Process

- Shortlisted Four (4) Firms from Statement of Qualifications Submittals
- Interviewed Shortlisted Firms on Project Approach & Understanding
- Unanimous Recommendation from Panel on Top Ranked Firm
 - HDR Engineering, Inc.

HDR Team Highlights

- HDR is a Long Beach-based business.
- HDR has worked with the City for a number of years on multiple infrastructure projects.
 - Public Works/Traffic On-call for the past 6-years
 - Pier B Railyard
 - San Gabriel River Bike Gap Closure
 - 6th Street Bike Boulevard Project
 - I-710 Corridor: LA River Hydraulics and Structures Studies
- Structural Subconsultant – TY Lin International
 - Designed Hoover Dam Bridge (with HDR)
 - Specialized in Long Span Bridges

Project Schedule Overview

Phase 1 Design

Public Scoping & Development of Conceptual Design	Late 2015
Release Draft EIR/EA	Mid 2016
Select Preferred Alternative	Late 2016
30% Design	Mid 2017

Phase 2 Design

Complete Final Design	Late 2018
Begin Construction (pending funding)	2020

Potential Cost Range

- At an approximate range of costs of \$130-200 million.
 - Dependent on Existing Bridge Reuse and New Bridge Type Selection
- Bridge construction is estimated to create over 800 jobs in Los Angeles County.
- Significant State and Federal Fund will be required.

Future Project Coordination

- I-710 Corridor Improvement Project
Compatible with Alternatives 5C & 7
- Drake/Chavez Park Master Planning
- Pier B Railyard (Ship to Shore)
- LB-MUST (Municipal Urban Stormwater Treatment)
- LA River Master Plan Improvements

Recommendation

- Adopt Specifications No. RFQ PW14-033
 - For engineering and architectural design services for the project report and environmental document, final design bid documents, construction bidding and support
- Estimated amount of \$4,700,000 (Phase 1)
- Period of Performance: 3-years, with the option to extend the contract for two additional one-year periods
- Authorize the City Manager or designee to execute all documents necessary to enter into the contract

Next Steps

- Working with I-710 Project Study Team on Westside (of LA River) geometry
- **Consultant Contract Award – Prelim. Design**
- Stakeholder Outreach & Client Department Consultation
- Update Funding Agreement – City and Metro
- Issue Draft Environmental Document
- Obtain Additional Design Funding
- Cooperative Agreement - City and Caltrans
- Seek Construction Funding