

Mobility. Environment. Community. Economy. Technology



I-710 Corridor Project EIR/EIS

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LA River Impact Study Overview

presented to the

Corridor Advisory Committee

December 17, 2009

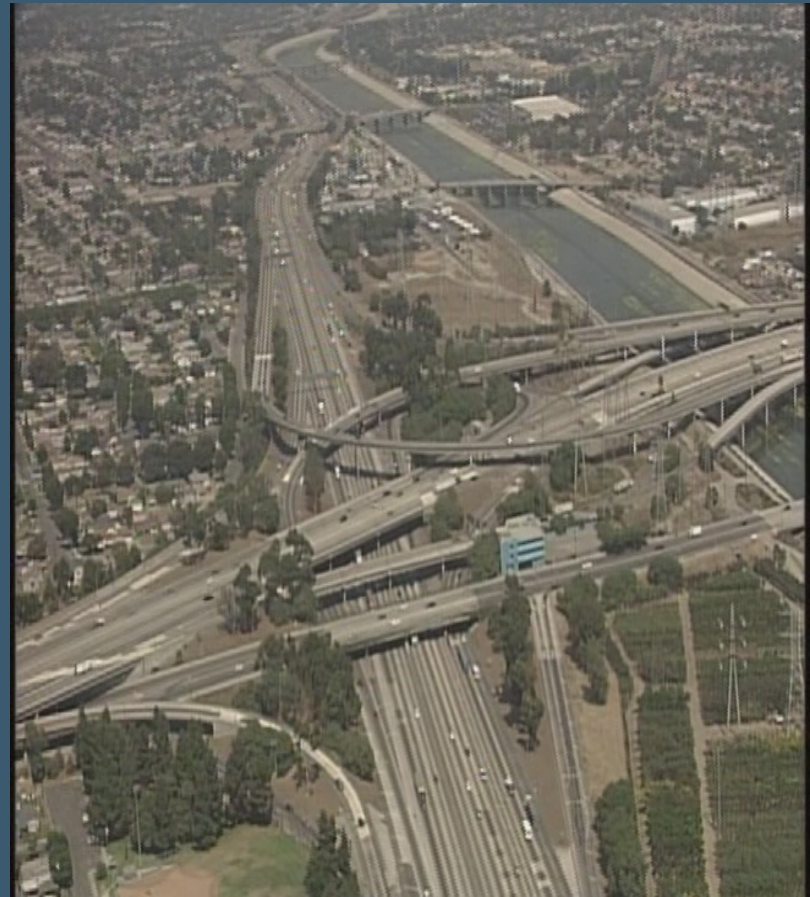


LA River Impacts Report

- Purpose
 - To assess risks of project encroachments on floodplains
 - To identify mitigation needed to ensure adequate flood protection
 - To identify potential impacts to River Master Plan Improvements

LA River Impacts Report

- Location Hydraulic Studies
- Hydraulic Technical Report
- Floodplain Evaluation Report
- LA River Impacts Assessment



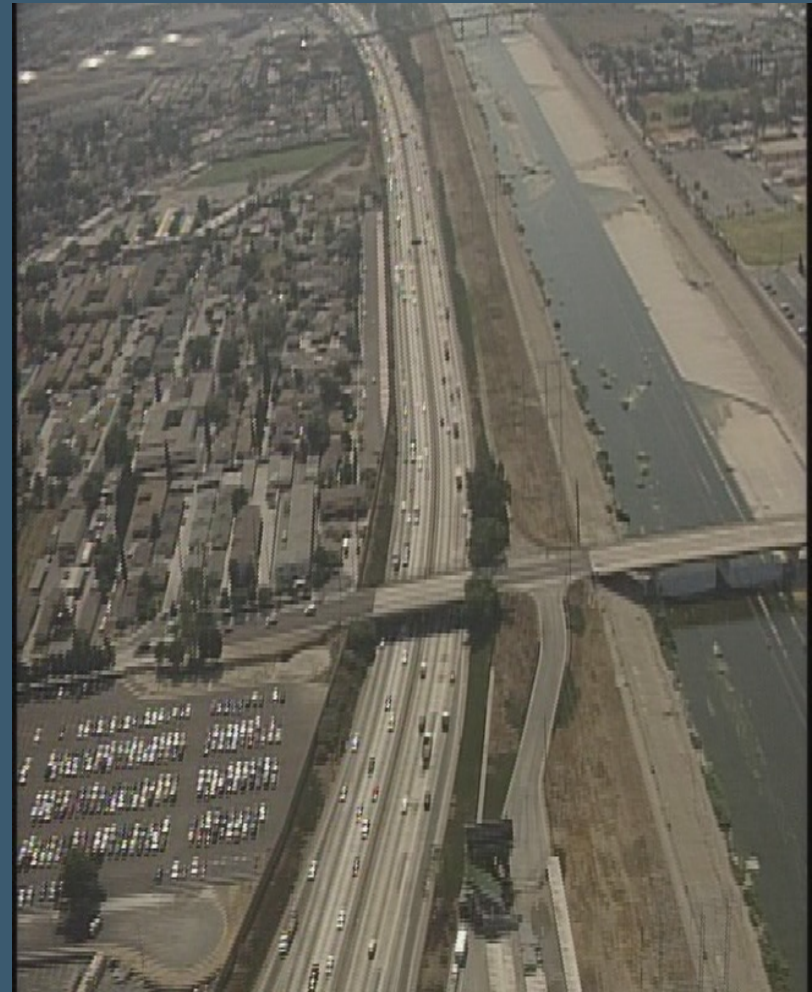
Location Hydraulic Studies

- Locations
 - LA River
 - Compton Creek
 - Rio Hondo Channel
- Types
 - New bridges (8 locations)
 - Replacement bridges (9 locations)
 - Widened bridges (10 locations)
- Analyses
 - Flows (100-yr / Overtopping)
 - Water Surface Elevations
 - Risk Assessment



Hydraulic Technical Report

- Applicable to Longitudinal Impacts
 - Example: Roadway alignments in and along the river
 - Do not apply to perpendicular river crossings
- Previous Segments Considered and Analyzed
 - I-105 to Imperial Highway
 - Firestone to Florence
- Current Alternatives
 - No longitudinal impacts



Floodplain Evaluation Report

- Summarizes:
 - Location Hydraulic Studies
 - Hydraulic Technical Data
- Assessment
 - Risk and impact significance
 - Compatibility with floodplain development
 - Practical alternatives
 - Special mitigation measures

LA River Impact Assessment

- Addresses Non-hydraulic Impacts
- Levee Intrusions (6 miles)
- Groundwater Recharge
- Other County Flood Control Facilities
- Master Plan Facilities

LA River Master Plan

Purpose: *Environmental enhancement and recreational opportunities along the LA River*

- Cesar Chavez Park
- LARIO Trail / County of LA Bike Path
- Wrigley Green Belt
- Wrigley Heights
- Dominguez Gap Wetland
- Long Beach DeForest Wetland
- Ralph C. Dills Park
- South Gate Riparian Restoration
- Southern Avenue Bikeway and Park
- Julia Russ Park
- Cudahy Riverfront Park
- Bell Riverfront Park
- River Embankment Beautification (Bell)
- Maywood Riverfront Park