Soto Street Bridge Over Mission Road Bridge Removal and Improvement Project

City of Los Angeles

Department of Public Works
Bureau of Engineering
Bridge Improvement Program

HILLSIDE VILLAGE
COMMUNITY MEETING
August 9, 2012
Project Site Location

Project Site
Soto Street Bridge
Soto Street Bridge

View from Soto Street Bridge Looking South

View from Soto Street Bridge Looking North
Soto Street Bridge
Background and History

- Soto Street Bridge constructed in 1936

- Joint Venture between City of Los Angeles and Pacific Railway Company to enhance public safety

- Grade separation for the Pasadena Short Line of the Pacific Railway System

- Railroad tracks removed in early 1960's and converted for automobile use

- Configuration - single northbound lane and a single southbound lane

- Limited roadway width between existing bridge piers
Site Characteristics

- Located in Council District 14
- Within Northeast Los Angeles Community Plan
- Designates Huntington Drive, Mission Road and Soto Street in the project area as routes for Class II bike lanes
- Surrounding topography is moderately sloping
- Commercial land uses and single-family residences
- Undeveloped hillside largely comprised of open space
Project Description

- Remove Soto Street Bridge
- Construct 2 new signalized intersections
  - Soto St and Mission Rd/Huntington Drive
  - Huntington Dr and Huntington Dr South/Radium Dr
- Construct dual new frontage roads with cul-de-sacs
- Provide green space, landscaping and tree planting
Objectives of Bridge Removal

- Remove existing functional obsolete bridge (Caltrans Bridge Inspection Report)
  - Inadequate vertical and horizontal clearances,
  - Insufficient curb-to-curb width
  - Substandard bridge railings
- Improve traffic flow and mobility in the region
- Increase traffic and pedestrian safety
- Remove community barrier (the Bridge)
- Beautify the neighborhood by providing green space and landscaping
Existing Conditions


Soto Street Bridge over Mission Road and Huntington Drive South

Figure 3: Existing Conditions
Existing Traffic Pattern

Mission Road

Huntington North

Huntington South

Solo St

Existing Traffic
July 2001

Traffic counts completed 7/24/2001 Tuesday

P.M. Peak Hour Volume
A.M. Peak Hour Volume
Daily Traffic

1,000
600 (1,000)

5,500
1,250

4,140
190 (410)

3,000
1,250

2,000
1,250

1,000
300 (1,250)

600 (1,250)

500 (1,250)

400 (1,250)

300 (1,250)
Existing Traffic Conditions

**Exhibit 3**

1994 - 2000 Accident Records

- Total Number of Recorded Accidents: 47
- Total Number of Injuries: 38

Accident Type

- Right Angle
- Fixed Object
- Rear End
- Side Wipe
- Head On
- Overtake

Number of Accidents
Proposed Project


Soto Street Bridge over Mission Road and Huntington Drive South

Figure 4: Proposed Project
Proposed Project Rendering

Soto – Before and After Project Improvements
Landscape

SOTO ST. BRIDGE REMOVAL PROJECT
Estimated Completion Traffic Volume

Soto Street Bridge Removal Project

Completion Year Traffic Volumes

- 21 (30)
- 16 (10)
- 16 (10)
- 900 (600)
- 2000 (700)
- 900 (600)
- 900 (600)
- 2000 (700)
- 900 (600)
- 3 (5)
- 900 (600)
- 2000 (700)
- 2000 (700)
- 3 (5)
- 900 (600)
- 2000 (700)
- 2000 (700)
- 3 (5)
- 900 (600)
- 2000 (700)
- 2000 (700)

Average Daily Traffic Volumes
xx (xx) AM (PM) Peak Hour Traffic Volumes

No Scale
Traffic Control

- 3-stage traffic control per LADOT will be implemented during construction
- At least one traffic lane in each direction will be maintained at all times
Project Funding

- Federal Highway Bridge Program (HBP) Grant
  - 80% HBP for Design
  - 88.53% HBP for Construction

- City Matching Funds - Proposition G (Seismic Bond) and Proposition C
  - 20% City Match for Design
  - 11.47% City Match for Construction

- Metro (MTA) Grant

- Total Estimated Construction Cost is $12.6 Million
Estimated Project Schedule

- **Environmental**
  - California Environmental Quality Act (CEQA) – Negative Declaration Adopted by City Council on December 4, 2004
  - National Environmental Quality Act (NEPA) – Categorical Exemption Approved on Feb. 25, 2003

- **Design** - December 2011

- **Right-of-Way** – June 2012

- **Bid & Award** – September 2012

- **Begin Construction** - February 2013

- **End Construction** – March 2015
Project Benefits for Neighborhood Communities

- Substandard bridge removed from public use
- Improve traffic flow along Mission Road, Huntington Dr., and Soto St.
- Increase traffic and pedestrian safety
- Remove the barrier dividing the community
- Beautify the neighborhood by providing green space and landscaping
For more information, questions or comments please contact:

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Questions & Comments

Thank you for your participation.