

# **North Spring Street Viaduct Widening and Rehabilitation Project**

Los Angeles, California  
State Clearinghouse No. 2006091076  
Bridge No. 53C-0859

## **California Environmental Quality Act Mitigation Monitoring and Reporting Program**

Prepared by  
City of Los Angeles  
June 2011

# **North Spring Street Viaduct**

## **Widening and Rehabilitation Project**

June 2011

### **Mitigation Monitoring and Reporting Program**

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This Mitigation Monitoring and Reporting Program (MMRP) has been prepared pursuant to California Public Resources Code Section 21081.6, which requires adoption of a reporting or monitoring program for projects in which the lead agency has required changes or adopted mitigation to avoid or reduce significant environmental effects. The purpose of the MMRP is to ensure that the mitigation measures are implemented. The MMRP contains all of the mitigation measures recommended for the North Spring Street Viaduct Widening and Rehabilitation Project. Adoption of this MMRP constitutes adoption of all measures herein described. The MMRP describes the project phase in which each mitigation measure will be applied, and specifies who is responsible for the monitoring.

#### **Responsible Parties**

As the lead agency, the City of Los Angeles Department of Public Works has ultimate responsibility for implementing and reporting of the mitigation measures in this MMRP. The project manager in the Bureau of Engineering (BOE) is charged with ensuring that the mitigation measures are incorporated into project plans and specifications. The Bureau of Contract Administration is responsible for ensuring that the construction contractors comply with the requirements involving construction.

#### **Mitigation Requirements**

Measures that are required to be undertaken to mitigate the potentially significant impacts associated with this project are hereby adopted. These mitigation measures are presented below.

#### **Schedule and Reporting Frequency**

Implementation and monitoring of mitigation tasks will be documented in a Mitigation Monitoring Report form (Attachment A), which will be issued by BOE Environmental Management Group (EMG) to the party responsible for task implementation. These forms will be used to demonstrate and document compliance with the mitigation requirements, and will be completed by those having designated responsibility for mitigation implementation and monitoring. Completed forms shall be submitted to EMG for verification and filing as soon as each mitigation task is completed, or reaches a designated completion milestone.

## Mitigation Monitoring and Reporting Program

Mitigation Measure	Timing/Phase
<b>MM TRA-1:</b> Prior to construction, the contractor shall prepare a construction staging plan that shall ensure that a walkway on either the north or south side of the Viaduct shall be open to pedestrians at all times.	Pre-construction - Contract specifications/Construction
<b>MM AES-1:</b> Existing trees and/or landscaping that are to be removed shall be replaced with similar plantings and/or landscaping, as agreed upon by the Bureau of Street Services, Urban Forestry Division, in conjunction with the Department of Recreation and Parks.	Design/Construction
<b>MM HIS-1:</b> Prior to any viaduct construction activities, the City shall contact the National Park Service (NPS) Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) program to determine if additional recordation is required for the North Spring Street Viaduct beyond that provided in 1996. Unless otherwise agreed to by the NPS HABS/HAER, the City shall ensure that all documentation is completed and accepted by HABS/HAER before the viaduct is altered. All documentation shall be prepared to the satisfaction of SHPO to reduce potential effects of the proposed project. All documentation shall be prepared by professionals meeting the Secretary of the Interior's Professional Qualifications Standards for Architectural Historian or Historic Architect pursuant to the Code of Federal Regulations, 36 CFR Part 61, Appendix A.	Design
<b>MM HIS-2:</b> The City shall submit the proposed seismic strategy plans to Caltrans for review to ensure that the plan complies with the Secretary of the Interior's Standards for Rehabilitation prior to commencement of any seismic related construction activities. The City shall prepare a mitigation monitoring plan to include periodic monitoring of the construction activities to include mitigation monitoring reports with photographs indicating that the activities are compliant with the Standards. The monitor shall meet the Secretary of the Interior's Professional Qualifications Standards for Architectural Historian or Historic Architect pursuant to the Code of Federal Regulations, 36 CFR Part 61, Appendix A.	Design
<b>MM HIS-3:</b> The City shall retain, clean and restore the existing bronze dedication plaques that are located on the viaduct. These plaques shall remain on the viaduct; however if the viaduct is widened, then the dedication plaques shall be relocated to an appropriate location on the widened section of the viaduct.	Construction
<b>MM HIS-4:</b> The City shall prepare a website, or adapt its current website, to make the information from the HABS/HAER report available to the public for at least five years. The information shall also be made available to the Caltrans Transportation Library in Sacramento for inclusion on their website.	Design
<b>MM HIS-5:</b> The City shall install informative permanent metal plaques at both ends of the viaduct at public locations that provide a brief history of the viaduct, its engineering features and characteristics, the reasons for its alteration, and a statement of the characteristics of the replacement features. The SHPO would have 30 days to review proposed plaque information before they are produced and installed.	Design
<b>MM HIS-6:</b> To the extent feasible, the City shall make a reasonable effort to retain and reuse architectural features that are removed from the viaduct as part of the widening project. This includes concrete railings, electroliers, and concrete brackets, as appropriate. To the extent feasible, concrete railings and electroliers shall be reused on the widened structure or incorporated into a new design for the widened portion of the viaduct. If the architectural features cannot be reasonably re-used on the viaduct, then those features shall be replicated in kind and the original features shall be utilized in other design elements of the overall project as landscaping and hardscaping features such as along the pedestrian undercrossing on the east side of the viaduct and along the viaduct embankments near the Downey Recreational Center. Sections of salvaged brackets, if removed for the widening, shall be considered as a potential element for on-site or off-site interpretive displays on the viaduct.	Design/Construction

<p><b>MM HIS-7:</b> The City shall make a reasonable effort to coordinate with the local park facilities adjacent to the viaduct and identify an appropriate location for an interpretive display or kiosk within the immediate vicinity of the viaduct. The interpretive display shall include information on the Los Angeles River Monument Bridges' history and significance, as well as information on the design process of the widened viaduct, including information on the design and construction process and the public outreach efforts. The interpretive display or kiosk could include salvaged architectural elements not re-utilized on the viaduct widening project or special lighting to highlight the historic viaduct. All interpretive material shall be prepared in consultation with the Los Angeles Conservancy and the CHC and shall be made available for review and approval by Caltrans and the SHPO prior to fabrication and installation.</p>	<p>Design/Construction</p>
<p><b>MM HIS-8:</b> The City shall install Los Angeles Historic-Cultural Monument plaques on both sides of the viaduct.</p>	<p>Design/Construction</p>
<p><b>MM HIS-9:</b> The City shall work with a qualified professional meeting the Secretary of the Interior's Professional Qualifications Standards in Architectural History or Historic Architect to design the reduced single sided widened structure to the south of the existing viaduct in a manner that is compatible with the historic viaduct but distinguishable from the existing design or materials in conformance with the Secretary of the Interior's Standards for Rehabilitation. The final proposed designs shall be submitted to Caltrans and the SHPO for comment prior to commencement of construction activities. The City shall prepare a mitigation monitoring plan to include periodic monitoring of the construction activities to include mitigation monitoring reports with photographs indicating that the activities are compliant with the Standards for Rehabilitation. The monitor shall meet the Secretary of the Interior's Professional Qualifications Standards for Architectural Historian or Historic Architect pursuant to the Code of Federal Regulations, 36 CFR Part 61, Appendix A.</p>	<p>Design/Construction</p>

**ATTACHMENT A**



**MITIGATION MONITORING REPORT**

<b>CITY OF LOS ANGELES DEPARTMENT OF PUBLIC WORKS 1149 SOUTH BROADWAY, SUITE 750 LOS ANGELES, CALIFORNIA, 90015</b>	<b>MITIGATION NO.</b> _____  Page _____ of _____				
<b>Project</b> <b>North Spring Street Viaduct Widening and Rehabilitation</b>	<b>Location</b> <b>North Spring Street Viaduct between Avenue 18/Broadway and Baker Street</b>				
<b>Mitigation Description:</b>	<b>Implementation Responsibility:</b>				
<b>Implementation Task:</b>	<b>Implementation Schedule:</b>				
<b>Record of Implementation:</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; padding: 5px;"><b>Start Date</b></td> <td style="width: 50%; padding: 5px;"><b>Complete Date</b></td> </tr> <tr> <td style="height: 50px;"></td> <td style="height: 50px;"></td> </tr> </table>	<b>Start Date</b>	<b>Complete Date</b>		
<b>Start Date</b>	<b>Complete Date</b>				
<b>Remarks:</b>					
<p><i>The information contained in this report is an independent evaluation based on my personal observations and information provided to me. I hereby certify that the information contained herein is true and correct to the best of my knowledge.</i></p> <p>Name of Person Completing Form _____ Title _____</p> <p>Signature _____ Date Signed _____</p>					
<b>VERIFICATION:</b> Form Received by: _____ Signature: _____ Title: _____ Department/Division: _____ Date Rec'd: _____					
<b>Compliance Acceptance:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No	<b>Mitigation Completed:</b> <input type="checkbox"/> Yes <input type="checkbox"/> No				