

RESOLUTION NO. \_\_\_\_\_

**A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF PASADENA  
ADOPTING A STATEMENT OF OVERRIDING CONSIDERATIONS AND A  
MITIGATION MONITORING AND REPORTING PROGRAM FOR THE ROSE  
BOWL RENOVATION PROJECT**

**WHEREAS**, the reduced Rose Bowl Renovation Project (“Project”) proposes improvements to spectator facilities, circulation elements, press box/media facilities, administrative facilities, lighting systems, stadium services, and stadium systems, generally as follows: (1) modifying ingress/egress into the Stadium through widening of select tunnels and field modifications to allow limited use of field sidelines for ingress/egress; (2) replacing and re-branding of seating (general, club, loge box and luxury suite), and concrete deck repairs resulting in a reduced maximum seating capacity (to approximately 86,500) to accommodate necessary exiting improvements and upgrades; (3) removing and replacing the existing suites and press box structure, including adding a lighted, animated ribbon sign to the interior-facing façade; (4) demolishing some existing ancillary structures around the base of the stadium and the perimeter structures at the fence line, and constructing some new restrooms, concession buildings and other landscaping features; (5) restoration of the original scoreboard and the addition of new state-of-the-art video display boards; and (6) constructing a Hall of Fame museum, including a gift shop and coffee/snack area, of approximately 13,000 square feet. The Project requires a Conditional Use Permit for alteration

and enlargement of a Commercial Recreation land use in the OS (Open Space) zoning district, as well as Design Review, and may require other subsequent discretionary approvals, from the City and other regional and state agencies; and

**WHEREAS**, the City of Pasadena is the lead agency for the Project pursuant to the California Environmental Quality Act (“CEQA,” Cal. Pub. Res. Code §21000 *et seq.*), the State CEQA Guidelines (the “Guidelines,” 14 Cal. Code Regs. §15000 *et seq.*), and the City’s local environmental policy guidelines; and

**WHEREAS**, pursuant to Section 15163 of the Guidelines, the City prepared a Supplemental Environmental Impact Report (“SEIR,” State Clearinghouse No. 2004101073) for the Rose Bowl Renovation Project. On June 2, 2008, the City Council of the City of Pasadena adopted Resolution No. 8862, by which it certified the SEIR, adopted environmental findings and a Mitigation Monitoring and Reporting Program, but did not approve the Rose Bowl Renovation Project or adopt a Statement of Overriding Considerations. The SEIR was a supplement to the Final EIR adopted by the City Council on May 16, 2005 for the NFL Project (“FEIR,” the NFL Project was never approved). Pursuant to State CEQA Guidelines §15150, the FEIR was incorporated by reference into the SEIR; and

**WHEREAS**, the SEIR concluded that the three project options therein (A, B or C) had significant impacts on short term construction related Air Quality,

Aesthetics and Historic Resources, mitigation measures applied (depending on the option chosen), but the mitigation measures did not reduce the impacts to below a level of significance; and

**WHEREAS**, pursuant to Guideline Sections 15162-15164, on May 24, 2010 the City Council of the City of Pasadena adopted a finding that the Project constitutes a less than substantial change in option B of the Rose Bowl Renovation Project, and this less than substantial change does not require major revisions to the SEIR because it does not trigger any new significant effects or increase the severity of previously identified environmental effects, and additionally there are no changed circumstances or new information which would trigger further environmental review.

**NOW, THEREFORE, THE CITY COUNCIL OF THE CITY OF PASADENA RESOLVES AS FOLLOWS:**

**I. RESOLUTION REGARDING IMPACTS NOT MITIGATED TO BELOW A LEVEL OF SIGNIFICANCE AND ADOPTING A MITIGATION MONITORING AND REPORTING PROGRAM**

The City Council of the City of Pasadena finds that the Project is a reduced version of option B as analyzed in the FEIR and SEIR. Nonetheless, the Project still has unavoidable significant effects on Air Quality (short term construction related and cumulative operational) and Cultural and Historic Resources (significance of Arroyo Seco cultural landscape) as set forth in the SEIR. Some

of the mitigation measures set forth in the SEIR only applied if options A or C were chosen. Accordingly, only those mitigation measures from the SEIR applicable generally and/or to option B shall be required of the Project, as set forth in the Project Mitigation Monitoring and Reporting Program attached hereto as Exhibit A and as adopted hereby.

## **II. RESOLUTION ADOPTING A STATEMENT OF OVERRIDING CONSIDERATIONS**

Pursuant to State CEQA Guidelines Section 15093, the City Council declares that the City of Pasadena has balanced the economic, legal, social, technological, and other benefits of the Project against its unavoidable environmental effect on Air Quality (short term construction related and cumulative operational) and Cultural and Historic Resources (significance of Arroyo Seco cultural landscape) in determining whether to approve the Project. If these benefits outweigh the unavoidable adverse environmental effects, the adverse environmental effects may be considered "acceptable."

The City Council finds that the Project's benefits outweigh its unavoidable adverse environmental effects as set forth herein, finds that this Statement of Overriding Considerations is supported by substantial evidence in the administrative record, and therefore adopts the following Statement of Overriding Considerations.

## **STATEMENT OF OVERRIDING CONSIDERATIONS**

1. Implementation of the Project will significantly improve public safety during events at the Rose Bowl. The tunnel reconfiguration will reduce exiting time from the interior of the Bowl from its current time of over 20 minutes to about 10 to 11 minutes. The improvements will also bring key structural elements of the Bowl up to current building code standards
2. Implementation of the Project will not only preserve, but also enhance and restore some of the historic features of the Bowl that make it a nationwide icon and symbol of Pasadena's rich heritage and dedication to historic preservation and renovation. The Project preserves, and even improves, the views of the San Gabriel Mountains from the interior of the Bowl with restoration of the original scoreboard and the addition of new state-of-the-art video display boards. The restoration of field exiting returns some historic element to the original field of the Bowl. The contextual improvements such as the use of Arroyo stone at the entry gates and other landscaping features add to an understanding of the Bowl's historic setting within the larger National Register Historic District that is the Arroyo Seco. Introduction of a timeline will contribute to an understanding of the important role the Bowl has played in sports history in the United States.
3. Implementation of the Project will significantly improve the fan experience and convenience at the Bowl, and bring the Bowl into conformance with

expectations of the fan experience in the 21<sup>st</sup> century. The tunnel reconfiguration will significantly improve fan access to concessions and restrooms during events. The new treatments at entry gates will establish visual markers for pedestrians and shading during waiting time at the gates. Additional and reconfigured concessions stands will reduce wait times for concessions during events and reduce waiting time spent at concession stands. Reinterpreted wayfinding signs and efficiency from the concourse changes will improve circulation throughout the stadium. The new video display boards will provide better imagery and information for the fans. The Project will provide premium seating opportunities above the Bowl in the Press Box area, as well as sideline premium seating.

### **III. RESOLUTION REGARDING NOTICE OF DETERMINATION**

Staff is directed to file a Notice of Determination with the Clerk of the County of Los Angeles within five working days.

Adopted at the \_\_\_\_\_ meeting of the City Council on the  
\_\_\_\_\_ day of \_\_\_\_\_, 2010 by the following vote:

AYES:

NOES:

ABSENT:

ABSTAIN:

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MARK JOMSKY, CMC  
CITY CLERK

APPROVED AS TO FORM:



Theresa E. Fuentes  
Assistant City Attorney

0000077039C031

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
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**Aesthetics**

**Impact 3.1-2A**  
Implementation of Option B of the revised project would not substantially change the existing visual character and quality of the site and its surroundings.

**MM 3.1-1** The City of Pasadena shall require construction contractors to strictly control the staging of construction equipment and the cleanliness of construction equipment stored or driven beyond the limits of the construction work area as a means of minimizing temporal degradation of the visual character of surrounding areas and the associated impact to aesthetics. Prior to completion of final plans and specifications, the City of Pasadena shall review the plans and specifications to ensure that all construction vehicles and equipment shall be parked in designated staging areas when not in use. Vehicles shall be kept clean and free of mud and dust before leaving the project site.

**MM 3.1-2** The City of Pasadena shall require construction contractors to provide temporary screening from the present public view site that is at least 6ft tall, around construction work areas, for all improvements that require grading and ongoing construction activities, as a means of minimizing the temporal effects to the visual character of the surrounding area and the associated impacts to aesthetics.

**MM 3.1-3** Consistent with the implementation methods MM 3.3-2(a) (see Section 3.3 [Biological Resources]) and the provisions of the Tree Protection Ordinance, the City of Pasadena shall also require that any Replacement Tree Canopy Coverage (for removed or damaged trees) be concentrated on the east side of the stadium. Also replacement plantings (24-inch box minimum) of one tree for every one lost or removed shall be installed along the edges of existing hardscape parking lots within the Arroyo. In addition, vines shall be permanently secured to vertical building wall surfaces on the east side of the stadium. At retaining walls, vines and shrubs shall be installed and spaced so as to completely cover walls when mature. All plantings shall be implemented in accordance with a City approved landscape plan. Planting off site within the Arroyo shall be done under the direction of the City.

Applicant's mitigation monitor

Applicant's mitigation monitor

Applicant's mitigation monitor

At plan review; daily monitoring during construction; weekly reporting during construction

Daily monitoring during construction; weekly reporting during construction

Prior to issuance of Occupancy Permit

Public Works Department

Planning and Development Department—Code Compliance

Planning and Development Department—Design & Historic Preservation



## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

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<p><b>Impact 3.1-3</b> The revised project could substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a scenic highway.</p>	<p><b>MM 3.1-3 and MM 3.3-2(a)</b> would also apply.</p>	<p>Applicant's mitigation monitor</p>	<p>At plan review; weekly during construction</p>	<p>Planning and Development Department--Design &amp; Historic Preservation Public Works Department--Parks &amp; Natural Resources</p>
<p><b>Impact 3.1-4</b> The revised project would result in new sources of increased light and glare from new lighting systems. This is considered a potentially significant impact.</p>	<p><b>MM 3.1-4</b> The City of Pasadena shall specify the lighting type and placement on the project site to ensure that the effects of security lighting are limited as a means of minimizing night lighting and the associated impacts to aesthetics. Prior to completion of final plans and specifications, the City of Pasadena shall review the plans and specifications to ensure that all light fixtures will use glare-control visors, arc tube suppression caps, and will use a photometric design that maintains 70 percent of the light intensity in the lower half of the light beam.</p> <p><b>MM 3.1-5</b> Prior to opening the stadium, the Applicant shall test the installed field-lighting system to ensure that lighting meets operating requirements in the stadium and minimizes obtrusive spill lighting in the stadium facility. Testing would include light-meter measurements at selected locations in the vicinity to measure spill lighting from field-lighting fixtures, permit adjustment of lighting fixtures, and confirm that spill-lighting effects would not exceed 3 foot-candles one block from the stadium and no more than 1 foot-candle three blocks from the stadium.</p>	<p>Applicant's Lighting Engineer</p>	<p>At design review and plan check; field inspection and confirmation prior to final building approval</p>	<p>Planning and Development Department--Design &amp; Historic Preservation and Building Division</p>
	<p><b>MM 3.1-6</b> Stadium lighting and advertising (including signage) shall be oriented in such a manner to reduce that amount of light shed onto sensitive receptors and incorporate "cut-off" shields as appropriate to minimize any increase in lighting at adjacent properties.</p> <p><b>MM 3.1-7</b> All interior floodlights, exterior parking lot, and other security lighting shall be directed away from sensitive receptors and towards the specific location intended for illumination. State-of-the-art fixtures shall be used, and all lighting shall be shielded to minimize the production of glare and light spill onto both existing and proposed residential units on the adjacent hillsides. A lighting design plan shall</p>	<p>Applicant's Lighting Engineer</p>	<p>Prior to final building approval</p>	<p>Planning and Development Department--Code Compliance</p>
		<p>Applicant's Lighting Engineer</p>	<p>At design review and plan check</p>	<p>Planning and Development Department--Design &amp; Historic Preservation and Public Works Department</p>

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	<p>be submitted to the City for approval at plan check.</p> <p><b>MM 3.1-8</b> Landscape illumination and exterior sign lighting shall follow Pasadena Municipal Code guidelines and be accomplished with low-level unobtrusive fixtures.</p> <p><b>MM 3.1-9</b> All facilities shall emphasize the natural setting and use of natural materials. Building color shall be warm and earth-toned. Non-reflective materials shall be used on the exterior surfaces. Where appropriate, arroyo stone shall be incorporated into the design.</p>			
<b>Air Quality</b>				
<p><b>Impact 3.2-5</b> Site preparation and construction activities would contribute to an existing air quality violation (VOC and NO<sub>x</sub> only).</p>	<p><b>MM 3.2-1</b> The project builder(s) shall develop and implement a construction management plan, as approved by the City of Pasadena, which includes the following measures recommended by the SCAQMD, or equivalently effective measures approved by the City of Pasadena:</p> <ul style="list-style-type: none"> <li>▪ Configure construction parking to minimize traffic interference</li> <li>▪ Provide temporary traffic controls during all phases of construction activities to maintain traffic flow (e.g., flag person)</li> <li>▪ Schedule construction activities that affect traffic flow on the arterial system to off-peak hours to the degree practicable</li> <li>▪ Consolidate truck deliveries when possible</li> <li>▪ Maintain equipment and vehicle engines in good condition and in proper tune as per manufacturers' specifications and per SCAQMD rules, to minimize exhaust emissions</li> <li>▪ Use methanol- or natural gas-powered mobile equipment and pile drivers instead of diesel to the extent commercially practical</li> <li>▪ Use propane- or butane-powered on-site mobile equipment instead of gasoline to the extent commercially practical</li> </ul> <p><b>MM 3.2-2</b> The project builder(s) shall implement all rules and regulations by the Governing Board of the SCAQMD that are applicable to the development of the Project (such as Rule 402—Nuisance and Rule 403—Fugitive Dust) and that are in effect at the time of development. The following measures are currently recommended to implement Rule 403—Fugitive Dust. These measures have been quantified by the SCAQMD as being able to reduce dust generation between 30 and 85 percent depending on the source of the dust generation:</p>	<p>Applicant's mitigation monitor</p>	<p>Prior to issuance of grading permits; daily monitoring during construction; weekly reporting during construction</p>	<p>Public Works Department</p>
		<p>Applicant's mitigation monitor</p>	<p>Prior to issuance of grading permits; daily monitoring during construction; weekly reporting during construction</p>	<p>Public Works Department</p>

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	<ul style="list-style-type: none"> <li>▪ Water trucks will be utilized on the site and shall be available to be used throughout the day during site grading and excavation to keep the soil damp enough to prevent dust from being raised by the operations</li> <li>▪ Wet down the areas that are to be graded or that are being graded and/or excavated, in the late morning and after work is completed for the day</li> <li>▪ All unpaved parking or staging areas, or unpaved road surfaces shall be watered three times daily or have chemical soil stabilizers applied according to manufacturers' specifications</li> <li>▪ Enclose, cover, water twice daily, or apply approved soil binders to exposed piles (i.e., gravel, sand, and dirt) according to manufacturers' specifications</li> <li>▪ The construction disturbance area shall be kept as small as possible</li> <li>▪ All trucks hauling dirt, sand, soil, or other loose materials shall be covered or have water applied to the exposed surface prior to leaving the site to prevent dust from impacting the surrounding areas</li> <li>▪ Wheel washers shall be installed where vehicles enter and exit unpaved roads onto paved roads and used to wash off trucks and any equipment leaving the site each trip</li> <li>▪ Streets adjacent to the project site shall be swept at the end of the day if visible soil material is carried over to adjacent roads</li> <li>▪ Wind barriers shall be installed along the perimeter of the site</li> <li>▪ All excavating and grading operations shall be suspended when wind speeds (as instantaneous gusts) exceed 25 miles per hour over a 30-minute period</li> <li>▪ A traffic speed limit of 15 miles per hour shall be posted and enforced for the unpaved construction roads (if any) on the project site</li> <li>▪ Remediation operations, if required, shall be performed in stages concentrating in single areas at a time to minimize the impact of fugitive dust on the surrounding area</li> </ul>			

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<p><b>Biological Resources</b></p> <p><b>Impact 3.3-3</b> Implementation of the revised project could, through habitat modifications, result in a potential reduction in nesting opportunities for resident and migratory avian species of special concern, including raptors or the loss of an active avian nest.</p>	<p><b>MM 3.3-1</b> To ensure that avian species of concern, protected migratory species (e.g., MBTA), or raptors species are not injured or disturbed by construction in the vicinity of nesting habitat, the project applicant shall implement the following measures:</p> <ul style="list-style-type: none"> <li>▪ Proposed project activities (including disturbances to native and non-native vegetations, structures and substrates) should take place outside the breeding bird season which generally runs from March to August 31 (as early as February 1 for raptors) to avoid take (including disturbances that would cause abandonment of active nests containing eggs and/or young). Take means to hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture, or kill (Fish and Game Code Section 86.)</li> <li>▪ If avoidance of the breeding bird season is not feasible, beginning thirty days prior to the disturbance of suitable nesting habitat the project proponent should arrange for weekly bird surveys to detect protected native birds occurring in the habitat that is to be removed and any other such habitat within 300 feet of the construction work area (within 500 feet for raptors) as access to adjacent areas allows. The surveys should be conducted by a qualified biologist with experience in conducting breeding bird surveys. The surveys should continue on a weekly basis with the last survey being conducted no more than 3 days prior to the initiation of clearance/construction disturbance activities within 300 feet of suitable nesting habitat (within 500 feet for suitable raptor nesting habitat) until August 31. Alternatively, the qualified biologist could continue the surveys in order to locate any nests. If an active nests is located, clearing and construction within 200 feet of the nest (within 300 feet for raptor nests) or as determine by a qualified biological monitor, must be postponed until next is vacated and juveniles have fledged and when there is no evidence of a second attempt at nesting. Limits of construction to avoid a nest should be established in the field with flagging and stakes or construction fencing marking the protected area 300 feet (or 500 feet) for the nest. Construction personnel should be instructed on the sensitivity of the area. The project proponent should record the results of the recommended protective measures described</li> </ul>	Qualified Biologist	Prior to issuance of grading permit	Public Works Department
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	<p>above to document compliance with applicable State and Federal laws pertaining to the protection of native birds.</p> <ul style="list-style-type: none"> <li>▪ When feasible, all tree removal shall occur between August 30 and February 15 to avoid the breeding season of any raptor species that could be using the area, and to discourage hawks or bats from nesting/roosting in the vicinity of an upcoming construction area. This period may be modified with the authorization of the DFG; or if it is not feasible to remove trees outside this window then, prior to the beginning of mass grading, including grading for major infrastructure improvements, during the period between February 15 and August 30, all trees and potential burrowing owl habitat within 350 feet of any grading or earthmoving activity shall be surveyed for active raptor nests or burrows by a qualified biologist no more than 30 days prior to disturbance. If active raptor nests are found, and the site is within 350 feet of potential construction activity, a fence shall be erected around the tree at a distance of up to 350 feet, depending on the species, from the edge of the canopy to prevent construction disturbance and intrusions on the nest area. The appropriate buffer shall be determined by the City in consultation with CDFG.</li> <li>▪ No construction vehicles shall be permitted within restricted areas (i.e., raptor protection zones), unless directly related to the management or protection of the legally protected species.</li> <li>▪ In the event that a nest is abandoned, despite efforts to minimize disturbance, and if the nestlings are still alive, the developer shall contact CDFG and, subject to CDFG approval, fund the recovery and hacking (controlled release of captive reared young) of the nestling(s).</li> <li>▪ If a legally protected species nest is located in a tree designated for removal, the removal shall be deferred until after August 30<sup>th</sup>, or until the adults and young of the year are no longer dependent on the nest site as determined by a qualified biologist.</li> </ul>			
<p><b>Impact 3.3-4</b> Implementation of the revised project could conflict with the City of Pasadena Tree</p>	<p><b>MM3.3-2(a)</b> The Applicant, prior to being issued a grading permit, shall submit a tree report prepared by a certified arborist that meets the requirements of the Pasadena Tree Protection Ordinance identifying trees to be removed and trees to be retained. It shall also include the preparation and submission of a tree protection and</p>	<p>Applicant's Certified Arborist to prepare report</p>	<p>Prior to issuance of grading permit; weekly monitoring during construction</p>	<p>Planning and Development Department—Design &amp; Historic Preservation</p>

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Ordinance.	<p>replacement plan. The tree replacement plan shall include replanting for increased canopy and include a minimum replacement ratio for removed or damaged trees of 1:1. The plan shall be prepared and approved by the City prior to grading or construction and shall include the following:</p> <ul style="list-style-type: none"> <li>▪ The details and procedures required to prepare the restoration site for planting (i.e. grading, soil preparations, soil stocking, etc.).</li> <li>▪ The methods and procedures for the installation of the plant materials.</li> <li>▪ A complete list of trees to be planted, which shall emphasize, to the extent feasible, planting of tree species native to the Arroyo Seco.</li> <li>▪ Guidelines for the maintenance of the mitigation site during the establishment phase of the plantings. The maintenance program shall contain guidelines for the control of nonnative plant species and the replacement of plant species that have failed to recolonize.</li> <li>▪ The revegetation plan shall provide for monitoring to evaluate the growth of the trees. Annual monitoring of the replacement trees shall occur for the first five years after which it shall be performed on the seventh and tenth year. Specific success criteria for replaced trees shall include the following: <ul style="list-style-type: none"> <li>&gt; For a replacement ratio greater than 1:1: 90 percent or more of the transplanted/ replacement trees surviving ten years after transplantation with overall no net loss of trees</li> <li>&gt; For replacement ratio of 1:1: 100 percent survival</li> </ul> </li> <li>▪ Contingency plans and appropriate remedial measures shall also be outlined in the replacement plan should the plantings fail to meet designated success criteria and planting goals.</li> </ul> <p>When construction activities occur near protected tree species that are proposed to be saved, Best Management Practices (BMPs) to avoid damage to the trees shall be implemented, and verified by Code Compliance staff. The BMPs will include, but are not limited to (1) installing protective fencing prior to and during construction, using wire mesh or plastic barrier fencing placed at 2.25 times the canopy of the tree; (2) avoiding disturbance and trenching within the tree drip</p>	<p>City Code Compliance staff to monitor site for compliance with Tree Protection Ordinance</p> <p>City Arborist to monitor replacement trees</p> <p>City Code Compliance staff to monitor protected trees during construction</p>	<p>Annual monitoring of replacement trees for first five years, and again in the seventh and tenth year.</p>	<p>Public Works—Parks &amp; Natural Resources</p> <p>Public Works—Parks &amp; Natural Resources</p>

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	<p>line; (3) maintaining the surface grade around the tree; and (4) prohibiting the placement of paving or landscaping requiring summer irrigation in the vicinity of trees.</p> <p><b>MM 3.3-2(b)</b> A drainage plan shall be designed in such a way as to avoid changes to hydrology in the vicinity of the protected trees.</p> <p><b>MM 3.3-2(c)</b> Construction staging areas shall be designated on the construction plans and parking, loading, and grading during all construction activities shall be prohibited within the root zone of the protected trees.</p> <p><b>MM 3.1-3</b> also applies to this impact.</p>	<p>Applicant's Engineer Code Compliance staff</p>	<p>At plan review</p> <p>Weekly monitoring during construction</p>	<p>Public Works Department Planning and Development Department—Code Compliance</p>
<p><b>Impact 3.3-5</b> The revised project would increase nighttime illumination, but no adverse effect on wildlife within the area would occur.</p>	<p><b>MM 3.3-3</b> All lighting along the perimeter of natural areas such as the channel shall be downcast luminaries with light patterns directed away from natural areas, as coordinated with a certified lighting engineer and project biologist.</p>	<p>Applicant's Lighting Engineer and Qualified Biologist</p>	<p>At design review and plan check; inspection prior to final building approval</p>	<p>Planning and Development Department—Code Compliance</p>
<b>Cultural Resources</b>				
<p><b>Impact 3.4-1</b> The revised project could cause a substantial adverse change in the significance of an archaeological resource, directly or indirectly destroy a unique paleontological resource or site or unique geologic feature, or disturb any human remains, including those interred outside of formal cemeteries.</p>	<p><b>MM 3.4-1(a)</b> Prior to site preparation or grading activities, the Applicant shall retain a qualified (ROPA-listed) archaeologist to inform construction personnel of the potential for encountering unique archaeological resources and the regulatory framework of cultural resources protection. All construction personnel shall be instructed to stop work within 50 feet of a potential discovery until a qualified (ROPA-listed) archaeologist assesses the significance of the find and implements appropriate measures to protect or scientifically remove the find. Construction personnel shall also be informed that unauthorized collection of archaeological resources is prohibited.</p> <p><b>MM 3.4-1(b)</b> The Applicant shall retain a qualified archaeologist to provide spot-checks—on a schedule approved by the City—during grading and excavation activity and to be available on-call in the event of a discovery. In the event of a discovery, the archaeologist shall first determine whether an archaeological resource uncovered during construction is a "unique archaeological resource" under Public Resources Code Section 21083.2(g). If the archaeological resource is determined to be a "unique archaeological resource," the archaeologist shall formulate a mitigation plan in consultation with the City that satisfies the requirements of Section 21083.2.</p>	<p>Applicant's Qualified Archeologist</p>	<p>Prior to issuance of grading permit; monthly during construction period</p>	<p>Planning and Development Department—Design &amp; Historic Preservation</p>

**ROSE BOWL RENOVATION PROJECT  
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	<p>If the archaeologist determines that the archaeological resource is not a unique archaeological resource, the archaeologist shall record the site and submit the recordation form to the California Historic Resources Information System South Central Coastal Information Center, and no further investigation of the particular find would be required.</p> <p>The archaeologist shall prepare a report of the results of any study prepared as part of a mitigation plan, following accepted professional practice. Copies of the report shall be submitted to the City and to the California Historic Resources Information System South Central Coastal Information Center.</p> <p><b>MM 3.4-2(a)</b> Prior to site preparation or grading activities, the Applicant shall retain a qualified paleontologist to inform construction personnel of the potential for encountering paleontological resources and the regulatory framework of cultural resources protection. All construction personnel shall be instructed to stop work within 50 feet of a potential discovery until a qualified paleontologist assesses the significance of the find and implements appropriate measures to protect or scientifically remove the find. Construction personnel shall also be informed that unauthorized collection of paleontological resources is prohibited.</p> <p><b>MM 3.4-2(b)</b> The Applicant shall retain a qualified paleontologist to provide spot-checks—on a schedule approved by the City—during grading and excavation activities and, in the event of a discovery, shall first determine whether a paleontological resource uncovered during construction meets the definition of a “unique archaeological resource” under Public Resources Code Section 21083.2(g). If the paleontological resource is determined to be a “unique archaeological resource,” the paleontologist shall formulate a mitigation plan in consultation with the campus that satisfies the requirements of Section 21083.2.</p> <p>If the paleontologist determines that the paleontological resource is not a unique resource, the paleontologist shall record the site and submit the recordation form to the Natural History Museum of Los Angeles County, and no further investigation of the particular find would be required.</p> <p>The paleontologist shall prepare a report of the results of any study prepared as part of a mitigation plan, following accepted professional</p>	<p align="center">Applicant's Qualified Paleontologist</p>		
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	<p>practice. Copies of the report shall be submitted to the City and to the Natural History Museum of Los Angeles County.</p>			
<p><b>Impact 3.4-5</b> The revised project could alter the significance of the Arroyo Seco Cultural Landscape.</p>	<p>MM 3.4-3(b) Documentation. A Historical Resource Documentation Report shall be prepared for the Rose Bowl. The resources shall be described photographed in a manner that conforms to Historic American Buildings Survey/Historic American Engineering Record (HABS/HAER) Level I documentation standards, as well as the HABS/HAER Guidelines for HABS Historical Reports. The documentation shall amend the existing HABS report for the Rose Bowl in the Library of Congress collection, focusing on those areas that would be directly affected by the proposed project. The documentation shall be donated to suitable repositories selected by the City, one of which shall include the main branch of the Pasadena Library.</p>	<p>Applicant's Independent Historic Preservation Consultant</p>	<p>At design review and plan check; weekly during construction</p>	<p>Planning and Development Department—Design &amp; Historic Preservation</p>
<p><b>Geology and Soils</b></p>				
<p><b>Impact 3.5-2</b> The revised project would not be located on expansive soil.</p>	<p><b>MM 3.5-1</b> Site-specific soil suitability analysis and stabilization procedures, and design criteria for foundations and road bases (described in the current Pasadena Building Code Chapters 16, 18, and A33) shall be required, as recommended by a California-registered soil engineer, during the design phase for each site where the existence of unsuitable soil conditions is known or suspected. During the design phase, where the existence of unsuitable soil conditions is known or suspected, the Developer's registered soil engineering consultant shall provide documentation to the City that:</p> <ul style="list-style-type: none"> <li>▪ Site-specific soil suitability and stability analyses have been conducted in the area of the proposed foundations and road bases to establish the design criteria for appropriate foundation or road base type and support</li> <li>▪ The recommended criteria have been incorporated in the design of foundation</li> </ul> <p>During grading, the registered soils professional shall be on the site to do the following:</p> <ul style="list-style-type: none"> <li>▪ Observe areas of potential soil unsuitability or instability</li> <li>▪ Supervise the implementation of soil remediation or reconstruction programs</li> <li>▪ Verify final soil conditions prior to setting the foundations</li> </ul>	<p>Applicant's Geotechnical and/or Structural Engineer</p>	<p>Prior to issuance of grading permits</p>	<p>Planning and Development Department—Building Division</p>

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
<p><b>Impact 3.5-3</b> The revised project could expose people or structures to potentially substantial adverse effects from seismic activity or landslides.</p>	<p>The registered soils engineering consultant shall prepare an "as built" map/report, to be filed with the City, showing details of the site soils, the location of foundations, retaining walls, sub-drains, clean-outs, etc., and the results of suitability/stability analyses and compaction tests.</p> <p><b>MM 3.5-2</b> The Applicant shall incorporate site-specific ground motion criteria, as described in the current Pasadena Building Code Chapters 16, 18, and A33, and reviewed by the city's California-registered geotechnical and/or structural engineer, in the design of trenches, slopes, foundations, and structures for the project. Implementation of this measure is required by the Building Code and includes the following provisions:</p> <ul style="list-style-type: none"> <li>▪ The minimum seismic-resistant design standards for all proposed facilities shall conform to the California Building Code Seismic Zone 4 Standards</li> <li>▪ Additional seismic-resistant earthwork and construction design criteria shall be incorporated in the project as necessary, based on the site-specific recommendations of a California Certified Engineering Geologist in cooperation with California-registered geotechnical and structural engineering professionals</li> <li>▪ During site preparation, the registered geotechnical professional shall be on the site to supervise implementation of the recommended criteria</li> <li>▪ The California Certified Engineering Geologist consultant shall prepare an "as built" map/report, to be filed with the City, showing details of the site geology, the location and type of seismic-restraint facilities, and documenting the following requirements, as appropriate               <ul style="list-style-type: none"> <li>&gt; Engineering analyses shall demonstrate satisfactory performance of compacted fill or natural unconsolidated sediments where either forms part or all of the support for any structures, especially where the possible occurrence of liquefiable soils exists</li> <li>&gt; Access roads, foundations, and underground utilities in fill or alluvium shall be designed to accommodate settlement or compaction estimated by the site-specific geotechnical investigations of the geotechnical consultant</li> </ul> </li> </ul>	Applicant's Geotechnical and/or Structural Engineer	At design review and plan check; Prior to issuance of grading permits	Planning and Development Department—Building Division

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Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
<p><b>Impact 3.5-4</b> The revised project would not result in substantial soil erosion or the loss of topsoil.</p>	<p><b>MM 3.5-1</b> would also apply to this impact</p> <p><b>MM 3.5-3</b> The following actions shall be taken:</p> <ul style="list-style-type: none"> <li>▪ To the extent practicable, project site grading shall be scheduled for the dry season (April through September)</li> <li>▪ In addition, NPDES permit requirements shall be fulfilled prior to issuance of building permits</li> <li>▪ The Applicant shall submit a soil erosion and sedimentation control plan for the project to the City of Pasadena prior to grading, subject to the following recommendations:               <ul style="list-style-type: none"> <li>&gt; The Erosion and Sediment Transport Control Plan (as part of the overall SWPPP) shall be submitted, reviewed, implemented, and inspected as part of the approval process for the grading plans</li> <li>&gt; The Plan shall be designed by the Applicant's erosion control consultant, using concepts similar to those formulated by the state of California, as appropriate, based on the specific erosion and sediment transport control needs of the site where grading, excavation, and construction is to occur. Those concepts include some that apply generally to the entire project area and some that would be appropriate only for specific sites. The possible methods are not necessarily limited to the following items:                   <ul style="list-style-type: none"> <li>○ Confine grading and activities related to grading (demolition, excavation, construction, preparation and use of equipment and material storage areas and staging areas) to the dry season, whenever possible</li> <li>○ Locate staging areas outside streams and drainage ways</li> <li>○ Keep the lengths and gradients of constructed slopes (cut or fill) as low as possible</li> <li>○ Discharge grading and construction runoff into small drainages at frequent intervals to avoid buildup of large potentially erosive flows</li> <li>○ Prevent runoff from flowing over unprotected slopes</li> <li>○ Keep disturbed areas (areas of grading and related activities) to the minimum necessary for demolition or</li> </ul> </li> </ul> </li> </ul>	Applicant	Prior to issuance of grading permits	<p>Planning and Development Department—Building Department</p> <p>Public Works Department</p>

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
	<p>construction of the project</p> <ul style="list-style-type: none"> <li>o Keep runoff away from disturbed areas during grading and related activities</li> <li>o Stabilize disturbed areas as quickly as possible, either by vegetative or mechanical methods</li> <li>o Direct runoff over vegetated areas prior to discharge into public storm drainage systems, whenever possible</li> <li>o Trap sediment before it leaves the site with such techniques as check dams, sediment ponds, or siltation fences</li> <li>o Use interceptor ditches, drainage swales, or detention basins to prevent storm runoff from transporting sediment into drainage ways and to prevent sediment-laden runoff from leaving any disturbed areas</li> <li>o Install silt fences to prevent sedimentation in areas adjacent to grading and down gradients into drainage ways. Design fences using the Universal Soil Loss Equation to calculate their proper storage capacity. The contractor shall implement installation by prior to mass grading and other soil disturbing construction activities on site</li> <li>o The contractor shall be responsible for the removal and disposal of all project-related sedimentation in off-site retention ponds</li> <li>o Use landscaping and grading methods that lower the potential for down-stream sedimentation. Modified drainage patterns, longer flow paths, encouraging infiltration into the ground, and slower stormwater conveyance velocities are examples of effective methods</li> <li>o Control landscaping activities carefully with regard to the application of fertilizers, herbicides, pesticides, or other hazardous substances. Provide proper instruction to all landscaping personnel on the construction team</li> <li>o During the installation of the erosion and sediment transport control structures, the erosion control professional shall be on the site to supervise the</li> </ul>			

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
	implementation of the designs, and the maintenance of the facilities throughout the demolition, grading, and construction period			
<b>Hydrology and Water Quality</b>				
<b>Impact 3.7-2</b> The revised project could create or contribute runoff water which would exceed the capacity or existing or planned stormwater drainage systems, but would not provide substantial additional sources of polluted runoff. Implementation of mitigation measure MM 3.13-2 would reduce this impact to less than significant. The revised project would require the construction of new stormwater drainage facilities, the construction of which would not cause significant environmental effects.	MM 3.13-4 would apply to this impact	Applicant's Civil Engineer	Prior to issuance of building permits	Public Works Department
<b>Land Use</b>				
<b>Impact 3.8-4</b> The revised project could interfere with existing uses in the immediate area.	<b>MM 3.8-1</b> If the parking areas that currently accommodate the monthly Flea Market are unavailable due to construction of the proposed project, the RBOC shall make an alternate location available, and shall notify the Flea Market operators in writing at least 90 days in advance of any such unavailability as well as to advise of the alternative location.	Applicant	During construction	Planning and Development Department—City's Mitigation Monitoring Coordinator and Flea Market Operators
<b>Noise</b>				
<b>Impact 3.9-1</b> The revised project could expose persons to or generate	<b>MM 3.9-1</b> To mitigate potential pile driving or other extreme noise-generating impacts, a set of site-specific noise attenuation measures shall be completed under the supervision of a qualified acoustical	Applicant's Qualified Acoustical Consultant	Prior to issuance of grading permits	Department of Public Health—Environmental Health

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
<p>noise levels in excess of standards established in the local general plan or noise ordinance, or applicable standards of other agencies.</p>	<p>consultant. This plan shall be submitted for review and approval by the City to ensure that feasible noise attenuation is achieved to satisfy standards contained in the City of Pasadena Noise Ordinance. These attenuation measures shall include as many of the following control strategies as feasible and shall be implemented prior to any required pile driving activities:</p> <ul style="list-style-type: none"> <li>▪ Implement "quiet" pile driving technology (e.g., cast-in-drilled hole piles, soil-mix wall technology, shielded pile drivers, vibratory pile driving or pre-drilled pile holes), where feasible, in consideration of geotechnical and structural requirements and conditions</li> <li>▪ Erect temporary plywood noise barriers around the entire construction site</li> <li>▪ Adjust the scheduling and duration of pile driving</li> <li>▪ Monitor the effectiveness of noise attenuation measures by taking noise measurements during pile driving activities</li> </ul> <p><b>MM 3.9-2</b> Prior to the issuance of each building permit, along with the submission of construction documents, the Project Applicant shall submit to the City a list of measures to respond to and track complaints pertaining to construction noise. These measures shall include the following:</p> <ul style="list-style-type: none"> <li>▪ A procedure for notifying City staff</li> <li>▪ A plan for posting signs on the project site pertaining to permitted construction days and hours, complaint procedures, and who to notify in the event of a problem</li> <li>▪ A listing of telephone numbers (during regular construction hours and off hours)</li> <li>▪ The designation of an on-site construction complaint manager for the proposed project</li> <li>▪ Notification of residents within 800 feet of the proposed project construction area at least 30 days in advance of pile-driving along with the estimated duration of the activity</li> </ul> <p><b>MM 3.9-3</b></p> <p>(a) Prior to installation of the new sound system, the project operator shall present a noise analysis to the City that demonstrates that the new sound system will meet the City's Noise Regulations.</p>	<p>Applicant's Sound Engineer/ Operator</p>	<p>Prior to final building approval</p>	<p>Department of Public Health— Environmental Health Division</p>
		<p>Applicant's Sound Engineer/ Operator</p>	<p>Prior to new sound system installation</p>	<p>Department of Public Health— Environmental Health</p>

## ROSE BOWL RENOVATION PROJECT Mitigation Monitoring & Reporting Program Matrix

Impact	Mitigation Measures	Responsible Implementation Party/ Monitor & Reporter	Time Frame/ Monitoring Milestone	Responsible to Review Reports
	<p>(b) Stadium noise level in the residential areas surrounding the project site shall be monitored periodically during the first year of operation by the operator in cooperation with the City.</p> <p>(c) Based on the monitoring results, the operator shall modify operation of the loudspeaker system to reduce noise levels observed at the residential areas to meet City Noise Regulations. Modifications may include adjustments to volumes or relocation of individual loudspeakers and shall ensure any necessary modifications to provide the maximum feasible reduction of noise to the surrounding community.</p>			
<b>Utilities and Service Systems</b>				
<b>Impact 3.13-2</b> The revised project would not result in an increase in water demand that could affect existing water supplies.	<p><b>MM 3.13-1</b> The project Applicant shall install low-flow plumbing fixtures in all new or renovated construction areas.</p> <p><b>MM 3.13-2</b> The project Applicant shall utilize landscape irrigation water conservation methods as feasible, including, but not limited to, weather-based "smart" irrigation controllers and/or drip irrigation.</p> <p><b>MM 3.13-3(a)</b> The RBOC shall comply with PMC Section 13.10 (Water Waste Prohibitions and Water Supply Shortage Plans) and reduce water usage as required in the event of a water supply shortage declaration by the Pasadena City Council.</p>	Applicant	At design review and plan check	Public Works Department
<b>Impact 3.13-4</b> Implementation of the revised project could require an increase in electricity and natural gas, but would not require the construction of new energy production or transmission facilities, the construction of which could cause significant environmental effects.	<p><b>MM 3.13-3(b)</b> Project design and construction shall be coordinated with SCG and the City's Department of Water Power, and improvements provided if necessary in order to ensure that connections are adequate and capacity is available to accommodate estimated demand for gas and electric utilities.</p>	Applicant	At design review and plan check	Public Works Department
<b>Impact 3.13-5</b> Implementation of the revised project is expected to increase runoff and could	<p><b>MM 3.13-4</b> The project Applicant shall provide a storm drainage analysis to ensure that storm drain lines and connections are adequate and that capacity is available to accommodate the anticipated increase in stormwater flows. If the report provides recommendations for on-site storm drainage improvements, the</p>	Applicant's Hydrologist and/or Hydraulics Engineer	At design review and plan check	Public Works Department

**ROSE BOWL RENOVATION PROJECT  
Mitigation Monitoring & Reporting Program Matrix**

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potentially overload existing stormwater drainage facilities.	recommendations must be followed and implemented. If found that off-site improvements would be necessary, the project Applicant shall pay in-lieu fees to the City for the future construction of those facilities.			