

Mitigation Monitoring and Reporting Program

Griffith Observatory Circulation and Parking Enhancement Plan Project

Mitigation Monitoring and Reporting Program

The following Mitigation Monitoring and Reporting Program (MMRP) provides a summary of each Mitigation Measure (MM) for the proposed Griffith Observatory Circulation and Parking Enhancement Plan Project and the monitoring implementation responsibility for each measure. The MMRP for the proposed Project will be in place through all phases of the proposed Project, including construction and operation.

Purpose

The purpose of the MMRP is to ensure that measures provided in the Mitigated Negative Declaration (MND) for the Griffith Observatory Circulation and Parking Enhancement Plan (June 2016) to minimize or avoid significant adverse effects are implemented. The MMRP can also act as a working guide to facilitate not only the implementation of mitigation measures by the Applicant, but also the monitoring, compliance, and reporting activities of the implementing agency and any monitors it may designate.

Responsibilities

The City of Los Angeles (City) Department of Recreation and Parks (DRP) will act as the lead implementing agency and approve a program regarding reporting or monitoring for the implementation of approved mitigation measures for this Project to ensure that the adopted mitigation measures are implemented as defined in the MND. For each MMRP activity, DRP will either administer the activity or delegate it to staff, other City departments (e.g., Department of Transportation, Department of Public Works, etc.), consultants, or contractors. DRP will also ensure that monitoring is documented as required and that deficiencies are promptly corrected. The designated environmental monitor depending on the provision specified below (e.g., City building inspector, project contractor, certified professionals, etc.) will track and document compliance with mitigation measures, note any problems that may result, and take appropriate action to remedy problems. DRP or its designee(s) will ensure that each person delegated any duties or responsibilities is qualified to monitor compliance. The Applicant is responsible for funding and successfully implementing all the mitigation measures in the MMRP, and is responsible for assuring that these requirements are met by all of its construction contractors and field personnel. Standards for successful mitigation of impacts are implicit in many mitigation measures that include such requirements as obtaining permits or avoiding a specific impact entirely.

Monitoring Procedures

Many of the monitoring procedures will be conducted during the construction phase of the project. DRP or its designee(s) and the environmental monitor(s) are responsible for integrating the mitigation monitoring procedures into the construction process in coordination with the Applicant. To oversee the monitoring procedures and to ensure success, the environmental monitor assigned to a monitoring action must be on site during the applicable portion of construction that has the potential to create a significant environmental impact or other impact for which mitigation is required. The environmental monitor is responsible for ensuring that all procedures specified in the monitoring program are followed. Site visits and specified monitoring procedures performed by other individuals will be reported to the environmental monitor assigned to the relevant construction phase. A monitoring record form will be submitted to the environmental monitor by the individual conducting the visit or procedure so that details of the visit can be recorded and progress tracked by the environmental monitor. A checklist will be developed and maintained by the environmental monitor to track all procedures required for each mitigation measure and to ensure compliance with the timing specified for the procedures. The environmental monitor will note any problems that may occur and take appropriate action as directed by DRP to rectify the problem.

Monitoring Table

For each mitigation measure, Table 1 identifies 1) the full text of the mitigation measure; 2) the implementation agency(s) that oversee the action(s); 3) applicable timing; 4) the entity responsible for monitoring the action and verifying compliance; and 5) the standard for successful implementation of the mitigation measure.



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Mitigation Measure	Implementation Responsibility	Timing	Monitoring Division	Standard for Success
Aesthetics				
<p>MM AQ-1: Deploy Mobile Blackout Light Shield. Before nighttime viewing activities, a mobile blackout fence which is stored on-site shall be extended along the edge of the West to East Observatory Road 'bend'.</p> <ul style="list-style-type: none"> The light shield shall be at minimum 80 feet long to extend the length of the lawn edge and prevent direct automobile headlight and glare and minimize increase of sky glow during nighttime viewing activities. 	Department of Recreation and Parks and Applicant.	Prior to Griffith Observatory nighttime viewing activities; during project operation.	Department of Recreation and Parks.	Direct automobile headlight shine and glare is prevented upon the Observatory lawn, and impacts to sky glow are similarly reduced.
Biological Resources				
<p>MM Bio-1: Worker Environmental Awareness Program. A Worker Environmental Awareness Program shall be implemented prior to construction, and include the following:</p> <ul style="list-style-type: none"> The Department of Recreation and Parks shall provide Worker Environmental Awareness training to project workers and contractors, including a pre-construction review of protected plant and animal species and a review of BMPs for mitigating impacts to local wildlife. 	Department of Recreation and Parks and Applicant.	Prior to project-related construction activities.	Department of Recreation and Parks.	No wildlife is injured or killed during grading, grubbing or other project-related activities.
<p>MM Bio-2: Habitat and Special Status Species. In order to further limit impacts to special status species, which have the potential to inhabit the surrounding Griffith Park areas, the following mitigation is required:</p> <ul style="list-style-type: none"> All construction staging areas for equipment and vehicles shall be located within previously disturbed areas to avoid damage to surrounding sensitive habitats. 	Department of Recreation and Parks and Applicant.	Prior to and during project-related construction activities.	Department of Recreation and Parks.	No habitat or special status species is injured or killed during project-related construction activities.



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<ul style="list-style-type: none"> Construction activities shall be limited to daylight hours to the greatest possible extent to prevent potential impacts to special status species. DRP shall continue to maintain fencing and signage in areas near the Mt. Hollywood view point to discourage visitors from moving off-trail. DRP shall continue to provide periodic ranger patrols of Mt. Hollywood Drive and post rangers at the view point as determined necessary based on levels of visitation. DRP shall train shuttle drivers in basic behavioral protocol for park visitors for integration into educational presentations to visitors using the shuttle service. A sign shall be posted at the base of Mt Hollywood Drive directing users to remain on developed trails, carry out trash and avoid smoking. 				
<p>MM Bio-3: Nesting Birds. Resident and seasonal bird species have the potential to nest in areas adjacent to the project site, requiring the following mitigation implementation:</p> <ul style="list-style-type: none"> Construction should preferably occur outside of nesting bird season (April - May) to the extent possible. However, a Nesting Bird Survey will be performed by a qualified biologist for all construction activities planned within the nesting season prior to the start of construction. If an active bird nest is discovered, a qualified biologist shall determine the species, location, and establish a no-disturbance buffer. Any raptor nest would typically include a 500 foot buffer, while other protected species would include a 300 foot buffer. The no-disturbance buffers would remain in 	Department of Recreation and Parks and Applicant.	Prior to and during project-related construction activities.	Department of Recreation and Parks.	No nesting birds are disturbed by grading and trenching operations.



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effect until a qualified biologist has determined the nest to be inactive.				
<p>MM Bio-4: Water Quality. The following mitigation measures would be implemented to reduce impacts to downstream riparian and wetland areas:</p> <ul style="list-style-type: none"> • All excavation and vegetation removal shall be subject to standard erosion control measure, including: <ul style="list-style-type: none"> ○ Use of straw bundles or silt fencing to contain sediments. ○ Mulching, hydroseeding, or other methods as determined appropriate by DRP to reduce or avoid longer term post construction erosion. • Construction debris and waste materials shall be properly collected and disposed of throughout construction operations. • Leakage from engine blocks or hydraulic systems shall be prevented from dispersal with the use of drip pans. • Vehicle fueling within Griffith park shall not occur within 500 feet of riparian and wetland habitats and with proper safeguards (e.g., drainage controls) to ensure that any spilled fuel does not reach such habitats. • Waste and spills shall immediately be cleaned and properly disposed of at accepted waste disposal locations. 	Department of Recreation and Parks and Applicant.	Prior to and during project-related construction activities.	Department of Recreation and Parks.	No spillage or release into the environment from sediments, erosion, debris, waste materials, or fuels from project-related construction activities.
Cultural Resources				
<p>MM Cul-1: Pre-Construction Training. Prior to earthmoving activities, a qualified archaeologist meeting the Secretary of the Interior’s Professional Qualifications Standards for archaeology (2008) shall conduct cultural</p>	Applicant.	Prior to construction permit issuance.	Planning Division and Department of Recreation and Parks.	Pre-construction training provided; Submission of plans to Planning Division.



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<p>resources sensitivity training for all construction personnel. Construction personnel shall be informed of the types of cultural resources that may be encountered, and of the proper procedures to be enacted in the event of an inadvertent discovery of archaeological resources or human remains (see <i>Mitigation Measure Cul-4</i>). DRP shall ensure that construction personnel are made available for and attend the training and shall retain documentation demonstrating attendance.</p>				
<p>MM Cul-2: Inadvertent Archaeological Discoveries. In the event of the discovery of archaeological materials, the construction foreman shall immediately halt all work activities in the vicinity (within approximately 100 feet) of the discovery until it can be evaluated by a qualified archaeologist. After cessation of earthmoving activities, the construction foreman shall immediately contact DRP. Work shall not resume until authorized by DRP and the qualified archaeologist.</p> <p>If the qualified archaeologist determines that the discovery constitutes a significant resource under CEQA, preservation in place is the preferred manner of mitigation. In the event preservation in place is demonstrated to be infeasible, and data recovery is determined to be the only feasible mitigation option, a detailed Cultural Resources Treatment Plan shall be prepared and implemented by a qualified archaeologist in consultation with DRP. DRP shall consult with appropriate Native American representatives in determining appropriate treatment for unearthened cultural resources if the resources are prehistoric or Native American in origin. Archaeological materials recovered during any investigation shall be put into curation at an accredited facility. The report(s) documenting</p>	Applicant.	Prior to construction permit issuance.	Planning Division and Department of Recreation and Parks.	Compliance with standards observed in the field; Assessment of discovery, and, if needed, consultation and implementation of Treatment Plan; Submission of plans to Planning Division.



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implementation of the Cultural Resources Treatment Plan shall be submitted to DRP and to the SCCIC.				
MM Cul-3: Inadvertent Paleontological Discoveries. In the event fossil materials are exposed during ground disturbing activities, work (within 100 feet of the discovery) shall be halted until a qualified paleontologist meeting the criteria established by the Society for Vertebrate Paleontology is retained to assess the find. If the find is identified as significant, appropriate treatment as determined by the paleontologist shall be implemented prior to the recommencement of ground disturbance in the area. A report documenting the methods and results of the treatment shall be prepared and submitted to DRP and filed with the local repository.	Applicant.	Prior to construction permit issuance.	Planning Division and Department of Recreation and Parks.	Compliance with standards observed in the field; Assessment of discovery, and, if needed, consultation and implementation of Treatment Plan; Submission of plans to Planning Division.
MM Cul-4: Discovery of Human Remains. If human remains are encountered, DRP shall halt work in the vicinity (within 100 feet) of the find and contact the Los Angeles County Coroner in accordance with Public Resources Code Section 5097.98 and Health and Safety Code Section 7050.5. If the County Coroner determines that the remains are Native American in origin, the Native American Heritage Commission shall be notified, in accordance with Health and Safety Code Section 7050.5, subdivision (c), and Public Resources Code Section 5097.98 (as amended by AB 2641). The Native American Heritage Commission shall designate a Most Likely Descendant for the remains per PRC Section 5097.98. DRP shall ensure that the immediate vicinity where the Native American human remains are located is not damaged or disturbed by further development activity, according to generally accepted cultural or archaeological standards or practices, until the landowner	Department of Recreation and Parks and Applicant.	During construction.	Planning Division and Department of Recreation and Parks and Los Angeles County Coroner.	Cease construction if remains discovered and recommence upon County Coroner approval.



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has discussed and conferred with the Most Likely Descendant regarding their recommendations, as prescribed in Public Resources Codes Section 5097.98, taking into account the possibility of multiple human remains.				
Noise				
<p>MM N-1: Construction Noise Management Plan. A Construction Noise Management Plan shall be prepared by the Department of Recreation and Parks. The Plan would address noise and vibration impacts and outline measures that would be used to reduce impacts. Measures would include:</p> <ul style="list-style-type: none"> • To the extent that they exceed the applicable construction noise limits, construction activities shall be restricted to between the hours of 7:00 a.m. and 9:00 p.m., Monday through Friday, and between the hours of 8:00 a.m. and 6:00 p.m., Saturdays and National Holidays, in accordance with Section 41.40 of the Los Angeles Municipal Code. • The construction contracts shall require implementation of the following construction best management practices (BMPs) by all construction contractors and subcontractors working in or around the project sites to reduce construction noise levels. <ul style="list-style-type: none"> ○ The contractors and subcontractors shall ensure that construction equipment is properly muffled according to manufactures specifications or as required by the City's Department of Building and Safety, whichever is the more stringent. ○ The contractors and subcontractors shall place noise-generating construction equipment and locate 	Department of Recreation and Parks and Applicant.	Prior to and during project-related construction activities.	Department of Recreation and Parks, Applicant, and on-site construction manager.	Approval of Construction Noise Management Plan prior to construction; implementation of plan during construction, including written confirmation from construction manager that noise attenuation techniques are used to reduce noise levels.



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construction staging areas away from sensitive uses, where feasible.				
Transportation/ Traffic				
<p>MM Trans-1: Improvements to Los Feliz Boulevard. Improvements to Los Feliz Boulevard, such that LOS and associated ADT levels would not be significantly impacted by potential traffic rerouting that may occur as a result of this project, shall be implemented in compliance with the City of Los Angeles Mobility Plan and prior to physically or operationally modifying Western Canyon Road as described for this project. Measures to prevent significant traffic impacts to Los Feliz Boulevard and adjacent roadways and neighborhoods such as Vermont Canyon Road, which would be subject to approval beyond the scope of this project and require implementation in conjunction with appropriate City planning entities such as LADOT, would include:</p> <ul style="list-style-type: none"> • Left turn lane protection (e.g., left turn signalization). • Remote parking opportunities (e.g., pony/train overflow lot). • Improved signal phasing or timing. • Neighborhood protection measures. • Traffic calming measures. 	Department of Recreation and Parks, Department of Transportation, and Applicant.	Prior to project modifications implemented on Western Canyon Road.	Department of Recreation and Parks	City traffic network LOS and associated ADT levels are not significantly impacted by traffic rerouting from modifications to Western Canyon Road.

