

## APPENDIX B

### CAMPUS PARK PROJECT MITIGATION MEASURES AND APPLICABILITY TO THE PASSERELLE PROJECT

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
<i>Biological Resources</i>				
M-BI-1a	Significant direct impacts to 2.1 acres of southern riparian forest (including 1.4 acres on-site and 0.7 acres off-site) shall be mitigated at a 3:1 ratio, including 1:1 creation and 2:1 enhancement. A total of 2.1 acres of riparian forest shall be created on site and be of sufficient quality to support least Bell's vireo, yellow warbler, and yellow-breasted chat. In addition, 4.2 acres of the on-site southern riparian forest shall be enhanced. On-site enhancement shall include cowbird trapping and removal of exotics.	N/A	This measure has already been implemented.	N/A
M-BI-1b	Significant direct impacts to 2.4 acres of southern willow scrub (including 1.6 acres on-site and 0.8 acre off-site) shall be mitigated at a 3:1 ratio, including 1:1 creation and 2:1 enhancement. This mitigation requires creation of 2.4 acres of southern willow scrub habitat on site. An additional 4.8 acres of the Project site's riparian forest shall be enhanced. On-site enhancement	N/A	This measure has already been implemented.	N/A

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	shall include cowbird trapping and removal of exotics.			
M-BI-1c	Significant direct impacts to 0.11 acre of freshwater marsh (including 0.01 acres on-site and 0.1 acre off-site) shall be mitigated at a 3:1 ratio, including 1:1 creation and 2:1 enhancement. This mitigation requires creation of 0.11 acres of freshwater marsh habitat off on site. In addition, 0.22 acres of the Project site’s riparian forest shall be enhanced. On-site enhancement shall include cowbird trapping and removal of exotics.	N/A	This measure has already been implemented.	N/A
M-BI-1d	Significant impacts to 1.3 acres of coast live oak woodland shall be mitigated at a ratio of 2:1 or 3:1. One acre of this habitat shall be mitigated at 2:1 as it is in the fuel modification zone and 0.3 acre shall be mitigated at 3:1 as it would be impacted due to grading. Therefore, a total of 2.9 acres is required to mitigate this habitat type. This mitigation shall consist of preserving 1.5 acres on-site and purchasing 1.43 acres of oak woodland in an off-site mitigation bank or on other land as approved by the Director of DPLU. <sup>1</sup>	N/A	This measure has already been implemented.	N/A

<sup>1</sup> The Department of Planning and Land Use (“DPLU”) is now known as the County of San Diego Planning and Development Services (“PDS”).

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M-BI-1e	Significant impacts to 46.07 acres of Diegan coastal sage scrub (including 42.3 acres on-site and 3.77 acres off-site) shall be mitigated at a 2:1 ratio for a total mitigation requirement of 92.1 acres. This impact shall be partially mitigated through the preservation of the remaining Diegan coastal sage scrub on site (87.3 acres). The remainder of the required mitigation shall be accomplished by purchasing 4.8 acres off-site in a mitigation bank or other land as approved by the Director of DPLU.	N/A	This measure has already been implemented.	N/A
M-BI-1f	Significant impacts to 44.77 acres of non-native grassland habitat (including 38.5 acres on-site and 6.27 acres off site) shall be mitigated at a ratio of 0.5:1 for a total mitigation requirement of 22.4 acres. Mitigation shall consist of preserving the remaining non-native grassland on site (5.6 acres) and purchasing 16.8 acres off-site in a mitigation bank or other land as approved by the Director of DPLU.	N/A	This measure has already been implemented.	N/A
M-BI-1g	Significant impacts to 144.46 acres of pasture (including 135.4 acres on site and 9.06 acres off-site) shall be mitigated at a ratio of 0.5:1 for a total mitigation requirement of 72.2 acres. Mitigation shall consist of purchasing 72.2 acres	N/A	This measure has already been implemented.	N/A

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	off-site of mitigation credit at an approved mitigation bank or on land approved by the Director of DPLU that is equal to or “like functioning” to the impacted pasture.			
M-BI-2	Significant impacts to Corps and CDFG <sup>2</sup> jurisdictional wetlands shall be mitigated through habitat-based mitigation, as described in M-BI-1a through 1c, above. Impacts to Waters of the U.S. shall be mitigated at a 1:1 ratio (1.6 acres) through enhancement of on-site southern riparian forest. The Project Applicant shall obtain applicable regulatory permits from other agencies.	N/A	This measure has already been implemented.	N/A
M-BI-3	Direct significant impacts to Parry’s tetracoccus shall be mitigated through the preservation of the remaining population of this species on-site. <sup>3</sup> Minor encroachment into the larger northern population (located within the outer limits of the fuel modification zone) shall be avoided during brushing and clearing. The limits of the population shall be flagged or fenced (with drift fence) to demarcate the limits of brush clearing. To mitigate for the loss of the 248 plants in the north central	N/A	This measure has already been implemented.	N/A

<sup>2</sup> As of January 2013, the California Department of Fish and Game (“CDFG”) is now known as the California Department of Fish and Wildlife (“CDFW”).

<sup>3</sup> The Project site burned during the October 2007 wildfires. It is anticipated that the population will re-germinate to their original population size.

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	<p>portion of the site, habitat supporting this plant species at a 2:1 ratio shall be purchased or created off site. This may co-occur with other mitigation/habitat needs of the Project. Off-site lands must be within an approved mitigation bank or lands deemed acceptable by the Director of DPLU.<sup>4</sup> If, for any reason, an appropriate preserve population cannot be located, the Director of DPLU will be contacted and an alternate mitigation will be determined. Alternative mitigation may include propagation of the plant from seed.</p>			
M-BI-4	<p>Long-term significant direct impacts to the coastal California gnatcatcher shall be mitigated through the habitat preservation and off-site habitat purchase per M-BI-1e, above.</p>	N/A	This measure has already been implemented.	N/A
M-BI-5	<p>Significant direct impacts to the yellow warbler shall be mitigated through the habitat-based mitigation addressed in M-BI-1a, above. Habitat mitigation shall consist of creation of southern riparian forest at a ratio of 1:1 and enhancing portions of on-site southern riparian forest</p>	N/A	This measure has already been implemented.	N/A

<sup>4</sup> Parry's tetracoccus, though sensitive, is still relatively abundant in the County. Therefore, locating this plant for preservation is feasible.

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	remaining. Creation and enhancement shall be conducted in accordance with habitat requirements of the yellow warbler.			
M-BI-6	Significant direct impacts to the yellow-breasted chat shall be mitigated through the habitat- based mitigation addressed in M-BI-1a, above. Habitat mitigation shall consist of creation of southern riparian forest at a ratio of 1:1 and enhancing portions of on-site southern riparian forest remaining. Creation and enhancement shall be conducted in accordance with habitat requirements of the yellow-breasted chat.	N/A	This measure has already been implemented.	N/A
M-BI-7	Significant direct impacts to raptor foraging areas shall be mitigated through the habitat- based mitigation addressed in M-BI-1f and M-BI-1g, above. Habitat mitigation shall consist of the preservation of non-native grassland and pasture at a 0.5:1 ratio.	N/A	This measure has already been implemented.	N/A
M-BI-8	No grading, clearing, or construction activity shall be initiated within 300 feet of occupied habitat during coastal California gnatcatcher and southern California rufous-crowned sparrow breeding season (February 15 through August 31), 300 feet of occupied habitat during least Bell's vireo, yellow warbler, and yellow breasted-chat	Applicable	While the entire Proposed Project site has been mass graded, there is potential habitat for the described species within 300 feet of Parcel 1 (to the north and west	BIO-1

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	<p>breeding season (March 15 through September 15), 500 feet of occupied tree-nesting raptor habitat during raptor breeding season (January 15 through July 15), or within 800 feet of ground nesting raptor habitat during raptor breeding season (February 1 through July 15). All grading permits, grading plans, and improvement plans shall state the same. If grading, clearing, or construction would occur during gnatcatcher and/or raptor nesting seasons, a qualified biologist shall conduct a pre-construction survey to determine if these species occur within impacted areas. If there are no gnatcatchers or raptors nesting (including nest building or other breeding/nesting behavior) within this area, development shall be allowed to proceed.</p> <p>If grading activities, including blasting and associated drilling, in the development area are scheduled to occur during sensitive bird breeding seasons, the Diegan coastal sage scrub in the northern section of the site the adjacent 500 feet of the open space easement areas shall be surveyed by a qualified biologist to determine if nests occupied by these species are present. Drilling is known to create noise at a level of 94</p>		<p>of Parcel 1). For construction work within 300 feet of this natural habitat, this measure applies.</p>	

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	<p>dBa at a distance of 50 feet. This corresponds to 60dBA at a distance of 2,500 feet. Where drilling is required, maximum feasible sound attenuation measures shall be incorporated. The typical level of noise reduction for a 10-foot high barrier is approximately 12 dB. This would reduce the distance of the 60-dBA contour, originally 2,500 feet from the unmitigated drilling activity, to approximately 1,000 feet from the drilling activity.</p> <p>Therefore, if nests are present and if drilling is necessary, maximum feasible sound attenuation shall be accomplished. This includes no grading or clearing within 500 feet during the breeding season. No drilling would be allowed if nests are located within 1,000 feet. If nests are located between 1,000 and 2,500 feet from the drilling site, a temporary sound barrier deemed appropriate by the monitoring biologist and acoustician, will be installed that completely blocks any part of the drilling site facing sensitive avian habitat. Outside of the nesting season or during the nesting season if pre-construction surveys are negative, no restriction shall be placed on grading, including blasting/drilling activities. A report shall be submitted to the Director of DPLU</p>			



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	describing the survey results and dates of clearing or grading activities. This design measure may be modified as necessary with written approval of the Director of DPLU.			
M-BI-9 through 11	<ul style="list-style-type: none"> <li>• The Project shall implement the required RMP (REC 2009b; Appendix G of EIR Appendix G) for the Proposed Project, including the following measures: <ul style="list-style-type: none"> <li>○ The Project Applicant shall participate in a Landscape Maintenance District as the funding mechanism for the long-term management of open space.</li> <li>○ Exotic plant species shall be removed from high quality woodlands, wetlands, and grasslands on an as-needed basis to be assessed every five years.</li> <li>○ Sensitive plant population boundaries shall be mapped every three years.</li> <li>○ Trash shall be removed from open space annually.</li> <li>○ All habitats and sensitive plant and animal species shall be monitored annually. Biological surveys shall be</li> </ul> </li> </ul>	N/A	The Passerelle site was graded per permit PDS2012-2700-15682 and is subject to ongoing fuel modification activities. No habitat is present and no open space is provided. Completion of the Passerelle Project will require additional finish grading and landscaping but no biological resources are present at the site and no impacts would occur with the finish grading proposed by the Passerelle Project.	N/A

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	<p>conducted every five years for sensitive plant and animal species.</p> <ul style="list-style-type: none"> <li>○ Fencing and signs within open space shall be maintained.</li> <li>• The conceptual RMP (within Appendix G of EIR Appendix G) is a draft document that set guidelines. A final RMP shall be prepared prior to Project grading.</li> <li>• The presence of the Limited Building Zones between development and the remaining habitat shall provide a buffer to minimize edge effects, such as encroachment and the future fuel modification of open space. The limited building zones reduce potential significant impacts associated with highly invasive non-native plant invasion, domestic animal predation, and human encroachment through signage of the open space and backyard fencing, as proposed on the fencing and signage plans. The limited building zones on the Project site would be within the fuel modification zone.</li> <li>• The landscape plan shall include specifics regarding the types of plant species allowed</li> </ul>			

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	<p>along the Project footprint boundary. The final landscape plans will be reviewed prior to approval to ensure that no invasive non-native plants (as identified by the California Invasive Plant Council) are used adjacent to any biological open space areas.</p> <ul style="list-style-type: none"> <li>• The limits of grading shall be flagged or marked with silt fencing prior to grading to prevent inadvertent impacts to adjacent sensitive habitat. Prior to brushing, a qualified biologist shall review the flagging and fencing.</li> <li>• A qualified biologist shall monitor the limits of grading during clearing, grubbing, and grading. Monitoring shall be conducted once per day with weekly reports submitted to the County DPLU. If inadvertent impacts occur, they shall be reported to the appropriate agency within 24 hours.</li> </ul>			
M-BI-12	To prevent the potential for significant roadkill impacts on Pankey Place, a barrier shall be erected on the north side of the road, adjacent to OS-2 and on the south side of the road adjacent to OS-4. The barrier shall be a six-foot high black or green vinyl-coated chain-link fence. It shall be	N/A	OS-2 and OS-4 are not a part of the Passerelle Project.	N/A

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	erected at the edge of graded roadway between any trails/landscaping and the open space. The fence openings shall be small enough to deter climbing and encroachment by humans.			
M-BI-1d(1)	If the intersection of Old Highway 395/Stewart Canyon Road/Canonita Drive is improved by the Project, significant impacts to 0.01 acre of coast live oak woodland shall be mitigated at a ratio of 2:1 for a total mitigation requirement of 0.02 acre. This mitigation shall consist of purchasing 0.02 acre of oak woodland in an off-site mitigation bank or on other land as approved by the Director of DPLU.	N/A	These intersection improvements are not a part of the Passerelle Project.	N/A
M-BI-1e(1)	If the intersections of Old Highway 395/Stewart Canyon Road/Canonita Drive and Old Highway 395/Pala Mesa Drive are improved by the Project, significant impacts of up to 0.23 acre of Diegan coastal sage scrub shall be mitigated at a 2:1 ratio for a total mitigation requirement of up to 0.46 acre. Mitigation shall consist of purchasing up to 0.46 acre off site in a mitigation bank or other land as approved by the Director of DPLU.	N/A	These intersection improvements are not a part of the Passerelle Project.	N/A
M-BI-1f(1)	If the intersection of Old Highway 395/Pala Mesa Drive is improved by the Project, significant direct impacts to up to 0.03 acre of non-native grassland	N/A	These intersection improvements are not a	N/A

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	habitat shall be mitigated at a ratio of 0.5:1 for a total mitigation requirement of up to 0.31 acre. Mitigation shall consist of purchasing up to 0.31 acre off site in a mitigation bank or other land as approved by the Director of DPLU.		part of the Passerelle Project.	
M-BI-1g(1)	If the intersection of Old Highway 395/Stewart Canyon Road/Canonita Drive is improved by the Project, significant impacts to 0.14 acre of pasture shall be mitigated at a ratio of 0.5:1 for a total mitigation requirement of 0.015 acre. Mitigation shall consist of purchasing 0.015 acre off site of mitigation credit at an approved mitigation bank or on land approved by the Director of DPLU that is equal to or “like functioning” to the impacted pasture.	N/A	These intersection improvements are not a part of the Passerelle Project.	N/A
<b>Cultural Resources</b>				
M-CR-1a, 1b, and 1d	Direct impacts to buried, previously unrecorded cultural resources would be mitigated through the implementation of a grading monitoring program for both on-site development and off-site improvements. Prior to approval of grading or improvement plans, the Project Applicant shall implement a grading monitoring and data recovery program to mitigate potential impacts to undiscovered buried archaeological resources on	Applicable	The Passerelle site was graded per permit PDS2012-2700-15682. Completion of the Passerelle Project may require additional grading. The project will comply with these measures such as	CR-1

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	<p>the Project site to the satisfaction of the Director of DPLU. This grading monitoring program shall include, but not be limited to, the following actions:</p> <ol style="list-style-type: none"> <li>1. Provide evidence to the DPLU that a County-approved archaeologist (consulting archaeologist) has been contracted to implement a grading monitoring and data recovery program to the satisfaction of the Director of DPLU. A letter from the consulting archaeologist shall be submitted to the Director of DPLU. The letter shall include the following guidelines: <ol style="list-style-type: none"> <li>a. The consulting archaeologist shall contract with a Luiseño Native American monitor to be involved with the grading monitoring program.</li> <li>b. The consulting archaeologist/historian and Luiseño Native American monitor shall attend the pre-grading meeting with the contractors to explain and coordinate the requirements of the monitoring program as outlined in the County of San Diego Report Format and Content Guidelines – Cultural Resources:</li> </ol> </li> </ol>		<p>implementing a grading monitoring program and having the appropriate monitors (archaeological / historical / Native American) present during ground disturbing activities. The Rincon Band has also requested interpretive signage to be designed highlighting Luiseño history and culture.</p>	

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	<p>Archaeological and Historic Resources (December 5, 2007).</p> <ul style="list-style-type: none"> <li>c. The consulting archaeologist shall monitor all areas identified for development.</li> <li>d. An adequate number of monitors (archaeological/historical/Native American) shall be present to ensure that all earthmoving activities are observed and shall be on site during all grading activities.</li> <li>e. During the original cutting of previously undisturbed deposits, the archaeological monitor(s) and Luiseño Native American monitor(s) shall be on site full time. Inspections will vary based on the rate of excavation, the materials excavated, and the presence and abundance of artifacts and features. The frequency and location of inspections will be determined by the Principal Investigator in consultation with the Native American monitor. Monitoring of cutting of previously</li> </ul>			

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	<p>disturbed deposits will be determined by the Principal Investigator.</p> <p>f. Isolates and clearly non-significant deposits shall be minimally documented in the field, and the monitored grading can proceed.</p> <p>g. In the event that previously unidentified potentially significant cultural resources are discovered, the archaeological monitor(s), in consultation with the Luiseño Native American Monitor, shall have the authority to divert or temporarily halt ground disturbance operations in the area of discovery to allow evaluation of potentially significant cultural resources. The Principal Investigator shall contact the County Archaeologist at the time of discovery. The Principal Investigator, in consultation with the County staff archaeologist and Luiseño Native American monitor, shall determine the significance of the discovered resources. The County Archaeologist must concur with the evaluation before construction</p>			



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	<p>activities will be allowed to resume in the affected area. For significant cultural resources, a Research Design and Data Recovery Program to mitigate impacts shall be prepared by the consulting archaeologist and approved by the County Archaeologist, then carried out using professional archaeological methods.</p> <p>h. If any human bones are discovered, the Principal Investigator shall contact the County Coroner. In the event that the remains are determined to be of Native American origin, the MLD, as identified by the NAHC, shall be contacted in order to determine proper treatment and disposition of the remains.</p> <p>i. Before construction activities are allowed to resume in the affected area, the artifacts shall be recovered and features recorded using professional archaeological methods. The Principal Investigator shall determine the amount of material to be recovered for an adequate artifact sample for analysis.</p>			

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	<p>j. In the event that previously unidentified cultural resources are discovered, all cultural material collected during the grading monitoring program shall be processed and curated at a San Diego facility that meets federal standards per 36 CFR Part 79, and therefore would be professionally curated and made available to other archaeologists/researchers for further study. The collections and associated records shall be transferred, including title, to an appropriate curation facility within San Diego County, to be accompanied by payment of the fees necessary for permanent curation. Evidence shall be in the form of a letter from the curation facility identifying that archaeological materials have been received and that all fees have been paid.</p> <p>k. In the event that previously unidentified cultural resources are discovered, a report documenting the field and analysis results and interpreting the artifact and research data within the</p>			

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	<p>research context shall be completed and submitted to the satisfaction of the Director of DPLU prior to the issuance of any building permits. The report shall include the following:</p> <ul style="list-style-type: none"> <li data-bbox="464 594 974 659">l. Department of Parks and Recreation Primary and Archaeological Site forms;</li> <li data-bbox="464 683 999 919">m. Evidence from a federally approved curation facility within San Diego County that all cultural material collected during the grading monitoring program has been received for curation accompanied by payment of the fees necessary for permanent curation.</li> </ul> <p>2. In the event that no cultural resources are discovered, a brief letter to that effect shall be sent to the Director of DPLU by the consulting archaeologist that the grading monitoring activities have been completed.</p>			
M-CR-1c	To avoid direct impacts to site CA-SDI-682/Monserate adobe from off-site improvements, a temporary fencing plan shall be implemented. Prior to the start of grading or improvements, the Project Applicant shall	N/A	The CA-SDI-682/Monserate adobe is not located within the boundaries of the Passerelle Project.	N/A

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	<p>implement a temporary fencing plan to mitigate potential impacts to site CA-SDI-682/Monserate adobe to the satisfaction of the Director of DPW. The temporary fencing plan shall include, but not be limited to the following actions:</p> <ol style="list-style-type: none"> <li>1. Prepare and implement a temporary fencing plan for the protection of archaeological site CA-SDI-682/Monserate adobe. The temporary fencing plan shall be implemented under the supervision of a consulting archaeologist and Luiseño Native American monitor and consists of the following: <ol style="list-style-type: none"> <li>a. Prepare and implement a temporary fencing plan for the protection of archaeological site CA-SDI-682/Monserate adobe during any grading activities within 100 feet of said archaeological site(s). The temporary fencing plan shall be prepared in consultation with a consulting archaeologist and Luiseño Native American monitor. The fenced area shall include a buffer sufficient to protect the archaeological site(s). The fence shall be installed under the supervision of the</li> </ol> </li> </ol>			

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	<p>consulting archaeologist and Luiseño Native American monitor prior to commencement of grading or brushing and be removed only after grading operations have been completed. The temporary fencing plan shall include the following requirements:</p> <p>Provide evidence to the Director of DPW that the following notes have been placed on the Grading Plan:</p> <p>In the event that construction activities are to take place within 100 feet of archaeological site CA-SDI-682/Monserate adobe, the temporary fencing plan shall be implemented under the supervision of a consulting archaeologist that consists of the following:</p> <ul style="list-style-type: none"> <li>i. The consulting archaeologist and Luiseño Native American monitor shall mark known limits of site loci.</li> <li>ii. The consulting archaeologist and Luiseño Native American monitor shall determine the appropriate</li> </ul>			

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	<p>portion of Horse Ranch Creek Road for which the limits of proposed road grading will be fenced to ensure that the grading avoids buried deposits.</p> <ul style="list-style-type: none"> <li>iii. Upon approval of the proposed extent of fencing by the County archaeologist, the consulting archaeologist and Luiseño Native American monitor shall supervise the fencing installation.</li> <li>iv. Submit to the DPW for approval a signed and stamped statement from a California Registered Engineer, or licensed surveyor that temporary fences have been installed in all locations of the Project site where proposed grading or clearing is within 100 feet of the archaeological site CA-SDI- 682/Monserate adobe.</li> <li>v. Fencing will be removed after the conclusion of construction activities.</li> </ul>			

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<b>Geology</b>				
M-GE-1	If potentially unstable landslide deposits or outcrops (e.g., debris flows) are encountered during geotechnical investigation or Project construction, they shall be remediated per direction by the Project Geotechnical Engineer (e.g., by additional grading).	Applicable	The Passerelle site was graded per permit PDS2012-2700-15682. Completion of the Passerelle Project may require additional grading. The project will comply with these measures if these conditions are encountered per the direction of the Project Geotechnical Engineer.	GEO-1
M-GE-2a	Deposits subject to potential liquefaction hazards shall be over-excavated and recompactd (or replaced with engineered fill), per direction by the Project Geotechnical Engineer.	Applicable	See response for M-GE-1.	GEO-2
M-GE-2b	In-place ground modifications (densification) of applicable deposits shall be conducted via methods such as "cement deep soil mixing," placement of vibro-stone columns within wick drains, compaction grouting, or dynamic compaction, per direction by the Project Geotechnical Engineer.	Applicable	See response for M-GE-1.	GEO-3

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M-GE-2c	Sub-excavation/re-compaction or pre-settling procedures shall be implemented under the raised embankment areas for the proposed Pala Mesa Drive roadway to address potential settlement that otherwise might adversely impact the pavement and infrastructure located within the roadway.	N/A	Modifications to the Pala Mesa Drive roadway are not proposed as part of the Passerelle Project. See Figure 1-3 in the Certified EIR.	N/A
M-GE-2d	Confining stresses shall be increased through design (PSE 2000), and subdrains shall be placed in appropriate locations to reduce surficial saturation, per direction by the Project Geotechnical Engineer.	Applicable	See response for M-GE-1.	GEO-4
M-GE-3a	Implementation of densification measures as described above for potential liquefaction hazards.	Applicable	See response for M-GE-1.	GEO-5
M-GE-3b	Surcharging of fill (e.g., temporary loading with stockpiled fill) and allowance of appropriate time delays (i.e., to facilitate 90 percent settlement) shall be implemented in applicable areas, per direction by the Project Geotechnical Engineer.	Applicable	See response for M-GE-1.	GEO-6
M-GE-3c	Wick and blanket drains shall be installed in applicable locations, per direction by the Project Geotechnical Engineer.	Applicable	See response for M-GE-1.	GEO-7



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<b>Noise</b>				
M-N-1	<p>Nine-foot high noise attenuation barriers shall be constructed along the property boundaries of lots 285 through 301 within PA R-4 and the HOA recreational facility (PA P-3) (Figure 3.1-8, Location of Noise Attenuation Barriers).<sup>5</sup></p> <p>The designed noise screening may only be accomplished if the barrier weight is at least 3.5 pounds per square foot of face area and if barriers have no decorative cutouts or line-of-site openings between shielded areas and the roadways. All gaps (except for weep holes) should be filled with grout or caulking. Recommended noise attenuation barriers may be constructed using one of the following alternative materials:</p> <ol style="list-style-type: none"> <li>1. Masonry block;</li> <li>2. Stucco veneer over wood framing (or foam core), or one-inch-thick tongue and groove wood of sufficient weight per square foot;</li> </ol>	N/A	This measure has already been implemented and these walls are not a part of the Passerelle Project.	N/A

<sup>5</sup> Figure 3.1-8 can be found on page 3.1-32 of the Certified EIR (Chapter 3, pp. 34).

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	3. Glass (¼ inch thick), or other transparent material with sufficient weight per square foot; 4. Earthen berm; and/or 5. Any combination of these construction materials.			
M-N-2	Ten-foot high noise attenuation barriers shall be constructed along the property boundaries of lots 21 through 52 within PA R-1 (Figure 3.1-8). The barriers shall be designed as stated above in M-N-1.	N/A	This measure has already been implemented and these walls are not a part of the Passerelle Project.	N/A
M-N-3	Ten-foot high noise attenuation barriers shall be constructed along portions of MF-3 1 that front the Town Center and a portion of Longspur Road (Figure 3.1-8). The barriers shall be designed as stated above in M-N-1.	N/A	This measure has already been implemented and these walls are not a part of the Passerelle Project.	N/A
M-N-4	Ten-foot high noise attenuation barriers shall be constructed along portions of MF-2 that front Horse Ranch Creek Road and Harvest Glen Lane (Figure 3.1-8). The barriers shall be designed as stated above in M-N-1.	N/A	This measure has already been implemented and these walls are not a part of the Passerelle Project.	N/A

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M-N-5	<p>A final noise study for the second floors of all single- and multi-family homes on the Project site shall be prepared prior to obtaining building permits for the Project. The report shall finalize the noise requirements based on actual building design specifications. Noise requirements will include the following:</p> <ul style="list-style-type: none"> <li>• A “windows closed” condition shall be provided that requires a means of mechanical ventilation for the second floors of all single- and multi-family houses.</li> <li>• The second floors of all single- and multi-family houses shall be provided with weather-stripped solid-core exterior doors.</li> <li>• Exterior wall/roof assemblies shall be free of cutouts and openings.</li> <li>• Upgraded windows shall be provided for the second floors of single- and multi-family houses.</li> </ul> <p>Preliminary exterior and interior noise requirements for tentative tract map approval shall be presented in the final noise report prior to obtaining building permits.</p>	Applicable	The Passerelle Project will comply with these measures.	NOI-1

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
M-N-6	Nine-foot high noise attenuation barriers shall be constructed along the western side of the northern half of PA P-3 (Figure 3.1-8). The barriers shall be designed as stated above in M- N-1.	N/A	This measure has already been implemented and these walls are not a part of the Passerelle Project.	N/A
M-N-7	The generators shall be equipped with the manufacturer’s sound enclosure to decrease noise levels to 70 dBA at 23 feet to comply with adjacent property line standards. Additionally, the proposed generator must be sited within the parcel a minimum of 35 feet from the trail staging area and 100 feet from biological open space. Sound level measurements shall be conducted at the nearest property line once the pump stations are fully operational to ensure compliance with the County’s Noise Ordinance.	Applicable	If generators are included, this measure shall be implemented.	NOI-2
M-N-8a and b	A specific mitigation plan based upon the location of the construction equipment and/or blasting activities shall be identified by a County-approved acoustical engineer. If construction noise impacts are anticipated, the Project Applicant shall install a temporary noise attenuation barrier along any property line, or at an appropriate location (e.g., between newly constructed and occupied housing and later phases of construction). The mitigation plan shall determine the height and location of	N/A	Based on the Noise Assessment prepared by Ldn, construction noise impacts are not anticipated, and therefore temporary noise attenuation barriers are not required for construction. The project must comply with	N/A

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	any necessary temporary barriers based on elevations of the construction area relative to the sensitive receptor and specific types of equipment being used. The barrier shall be constructed of solid non-gapping wood and shall comply with the County's 75 dBA standard and Noise Ordinance criteria for construction operations.		restrictions on hours of operation and standard noise level restrictions.	
M-N-9	Cumulative impacts associated with construction to future on-site residences would be mitigated by the implementation of Mitigation Measure M-N-8a and b.	N/A	See rationale response above.	N/A
<b>Paleontological Resources</b>				
M-P-1a	A qualified paleontologist shall be at the pre-construction meeting to consult with the grading and excavation contractors concerning excavation schedules, paleontological field techniques, and safety issues. A qualified paleontologist is defined as an individual having an M.S. or Ph.D. in paleontology or a related field (e.g., sedimentary or stratigraphic geology, evolutionary biology, etc.), and who has knowledge of San Diego County paleontology and documented experience in professional paleontological procedures and techniques.	Applicable	The Passerelle site was graded per permit PDS2012-2700-15682. Completion of the Passerelle Project may require additional grading. The project will comply with this measure and have the appropriate monitors present during ground disturbing activities.	PALEO-1

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
M-P-1b	<p>The qualified paleontologist shall conduct or supervise the following mitigation tasks associated with full-time monitoring during original cutting of previously undisturbed deposits of moderate paleontological resource sensitivity (i.e., Quaternary river terrace deposits):</p> <ol style="list-style-type: none"> <li>1. Monitoring of excavation operations to discover unearthed fossil remains.</li> <li>2. Salvage of unearthed fossil remains.</li> <li>3. Recording of stratigraphic, geologic and geographic data to provide a context for the recovered fossil remains.</li> <li>4. Laboratory preparation (cleaning and repair) of collected fossil remains to the point of identification (not exhibition).</li> <li>5. Curation of prepared fossil remains</li> <li>6. Transferal, for archival storage, of cataloged fossil remains and copies of relevant field notes, maps, stratigraphic sections and photographs to an accredited institution (museum or university) in California that maintains paleontological collections.</li> </ol>	Applicable	See rationale response above.	PALEO-2

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<p>7. Preparation of a final report summarizing the results of the field investigation, laboratory methods, stratigraphic information, types and importance of collected fossils, and any necessary graphics to document the stratigraphy and precise fossil collection localities.</p>			
M-P-1c	<p>A qualified paleontologist or paleontological monitor (under the supervision of the qualified paleontologist) shall be on site on a full-time basis during the original cutting of previously undisturbed deposits of moderate paleontological resource sensitivity (i.e., Quaternary river terrace deposits) to inspect exposures for contained fossils. A paleontological monitor is defined as an individual with at least one year of experience in field identification and collection of fossil materials. The paleontological monitor shall work under the direct supervision of the qualified paleontologist.</p> <p>The Project applicant shall: (1) submit a copy of a letter signed by the qualified paleontologist or paleontological monitor which states that the applicant has retained their services and acknowledges agreement to perform and/or be</p>	Applicable	See rationale response above.	PALEO-3

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<p>responsible for concurrence with the Project mitigation measures; and (2) authorize the qualified paleontologist to direct, divert, or halt any grading activity, and to perform all other acts required by the provisions listed below. If the qualified paleontologist or paleontological monitor ascertains that the river terrace deposits are not fossil bearing, the qualified paleontologist shall have the authority to terminate the monitoring program.</p> <ol style="list-style-type: none"> <li>1. Monitor all grading and excavation activities in previously undisturbed deposits of moderate paleontological resource sensitivity (i.e., Quaternary river terrace deposits).</li> <li>2. If paleontological resources are unearthed, the qualified paleontologist or paleontological monitor shall: <ol style="list-style-type: none"> <li>a. Direct, divert, or halt any grading or excavation activity until such time that the sensitivity of the resource can be determined and the appropriate recovery implemented.</li> <li>b. Salvage unearthed fossil remains</li> </ol> </li> </ol>			



Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<ul style="list-style-type: none"> <li>c. Record stratigraphic and geologic data to provide a context for the recovered fossil remains</li> <li>d. Prepare collected fossil remains for curation</li> <li>e. Curate, catalog and identify all fossil remains to the lowest taxon possible, inventory specimens, assign catalog numbers, and enter the appropriate specimen and locality data into a collection database.</li> <li>f. Transfer the cataloged fossil remains to an accredited institution (museum or university) in California that maintains paleontological collections for archival storage and/or display.</li> </ul> <p>3. The qualified paleontologist shall prepare a final Paleontological Resources Mitigation Report summarizing the field and laboratory methods used, the stratigraphic units inspected, the types of fossils recovered, and the significance of the curated collection.</p>			

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
<b>Transportation and Circulation</b>				
M-TR-1	<p>Direct impacts to SR 76 from I-15 SB ramps to I-15 NB ramps shall be mitigated by Project Applicant construction of a loop on-ramp at the intersection of SR 76/I-15 SB ramps and restriping of the bridge to four lanes at the point that 344 residential units (multi- and single-family) are occupied.</p> <p>Direct impacts to other segments of SR 76 shall require the following mitigation:</p> <ul style="list-style-type: none"> <li>• SR 76 from South Mission Road to Gird Road <ul style="list-style-type: none"> <li>○ Under TransNet SR 76 Widening, SR 76 shall be widened to four lanes. Due to timing considerations, the Project Applicant would require a Statement of Overriding Considerations if the Proposed Project is occupied before TransNet improvements.</li> </ul> </li> <li>• SR 76 from Sage Road to Old Highway 395 <ul style="list-style-type: none"> <li>○ Under TransNet SR 76 Widening, SR 76 shall be widened to four lanes. Due to timing considerations, the Project Applicant would require a Statement of Overriding Considerations if the</li> </ul> </li> </ul>	N/A	This measure has already been implemented.	N/A

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<p>Proposed Project is occupied before TransNet improvements.</p> <ul style="list-style-type: none"> <li>• SR 76 from Horse Ranch Creek Road to Couser Canyon Road <ul style="list-style-type: none"> <li>○ Under Caltrans, SR 76 shall be widened to four lanes. Due to timing considerations, the Project Applicant would require a Statement of Overriding Considerations if the Proposed Project is occupied before Caltrans improvements.</li> </ul> </li> </ul>			
M-TR-2	<p>Direct impacts to the SR 76 /I-15 NB ramps signalized intersection shall be mitigated by Project Applicant construction of an EB to NB loop ramp and restriping of the bridge to four through lanes (two lanes in each direction). A NB right-turn lane and WB right-turn lane shall be added to the SR 76 and I-15 NB on- and off-ramps.</p>	N/A	This measure has already been implemented.	N/A
M-TR-3	<p>Direct impacts to the Old Highway 395/Reche Road unsignalized intersection shall be mitigated by Project Applicant installation of a traffic signal.</p>	N/A	This measure has already been implemented.	N/A

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
M-TR-4	<p>Existing Plus Cumulative Plus Project impacts to roadway segments listed below shall be mitigated through Project Applicant participation in the Transportation Impact Fee (TIF) Program:</p> <ul style="list-style-type: none"> <li>• Old Highway 395 from East Mission Road to West Lilac Road</li> <li>• Reche Road from Green Canyon Norte to Gird Road</li> <li>• Pankey Road from SR 76 to Shearer Crossing</li> <li>• Pala Mesa Drive from Wilt Road/Sage Road to Old Highway 395</li> </ul>	N/A	This measure has already been implemented.	N/A
M-TR-5	<p>Existing Plus Cumulative Plus Project impacts to segments of SR 76 listed below shall be mitigated through Project Applicant participation in the TIF Program:</p> <ul style="list-style-type: none"> <li>• Melrose Drive to Old Highway 395</li> <li>• I-15 SB ramps to I-15 NB ramps</li> <li>• Horse Ranch Creek Road to Pala Mission Road</li> </ul>	N/A	This measure has already been implemented.	N/A

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
M-TR-6	<p>Existing Plus Cumulative Plus Project impacts to the signalized intersections listed below shall be mitigated through Project Applicant participation in the TIF Program:</p> <ul style="list-style-type: none"> <li>• SR 76/Gird Road</li> <li>• SR 76/Old Highway 395</li> <li>• SR 76/I-15 SB ramp</li> <li>• SR 76/I-15 NB ramp</li> <li>• Mission Road/Old Highway 395</li> <li>• Mission Road/I-15 SB ramps</li> <li>• Mission Road/I-15 NB ramp</li> <li>• SR 76/Melrose Drive</li> <li>• SR 76/East Vista Way</li> <li>• SR 76/North River Road</li> <li>• SR 76/Olive Hill Road</li> <li>• SR 76/South Mission Road</li> </ul>	N/A	This measure has already been implemented.	N/A

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
M-TR-7	<p>Existing Plus Cumulative Plus Project impacts to the unsignalized intersections shall be mitigated through Project Applicant participation in the TIF Program:</p> <ul style="list-style-type: none"> <li>• SR 76/Via Monserate</li> <li>• SR 76/Sage Road</li> <li>• Old Highway 395/Dulin Road</li> <li>• SR 76/Pankey Road</li> <li>• SR 76/Rice Canyon Road</li> <li>• SR 76/Couser Canyon Road</li> <li>• Old Highway 395/Pala Mesa Drive</li> <li>• Old Highway 395/Stewart Canyon Road</li> <li>• Old Highway 395/Reche Road</li> <li>• Reche Road/Live Oak Park Road</li> </ul>	N/A	This measure has already been implemented.	N/A
M-TR-8	<p>Buildout (Year 2030) Plus Project impacts to roadway segments listed below shall be mitigated through Project Applicant participation in the TIF Program:</p>	Applicable	Project Applicant will participate in the TIF Program through the payment of the TIF.	TR-1

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<ul style="list-style-type: none"> <li>Pankey Road from SR 76 to Shearer Crossing (suggested mitigation: widen roadway to four-lane collector)</li> </ul>			
M-TR-6a to 8a	<p>Existing Plus Cumulative Plus Project and Buildout (Year 2030) Plus Project impacts to signalized and unsignalized intersections, as well as roadway segments, would be mitigated through the Project Applicant allocating the monies identified as TIF payments for the Proposed Project to design and construct specific intersection improvements, thereby providing the community with completed intersection upgrades when needed rather than waiting until all the TIF payments by others are collected and design efforts are completed. The improvements completed by the Project Applicant under this scenario would include:</p> <ul style="list-style-type: none"> <li>Old Highway/Pala Mesa Drive <ul style="list-style-type: none"> <li>Project Applicant shall install a traffic signal and construct additional NB and SB through lanes and EB to NB and WB to SB left-turn lanes.</li> </ul> </li> <li>Old Highway 395/ Stewart Canyon Road</li> </ul>	Applicable	Project Applicant will participate in the TIF Program through the payment of the TIF. However, the Passerelle Project does not trigger the specific improvements identified in this measure.	TR-2

Campus Park FSEIR Mitigation Measure Number	Mitigation Measure Applicable to the Passerelle Project	Applicability	Rationale	Addendum Mitigation Measure Number
	<ul style="list-style-type: none"> <li>○ Project Applicant shall install a traffic signal and add a WB to SB left-turn lane.</li> <li>• SR 76/ Pankey Road</li> <li>○ Project Applicant shall revamp Pankey Road to tie into existing SR 76.</li> </ul>			