

ACTION ITEM
ATTACHMENT XX
CPB&G - Item XX
May 2018

**San Diego State University
2007 Campus Master Plan Revision**

(Revised) Mitigation Monitoring And Reporting Program

(Pursuant to Section 15097 of the CEQA Guidelines and
Section 21081.6 of the Public Resources Code)

Final Environmental Impact Report
(State Clearinghouse Number 2007021020)

Project Files May be Reviewed at:

**San Diego State University
Office of Facilities Planning, Design and Construction
5500 Campanile Drive
San Diego, CA 92182-1624**

MITIGATION MONITORING AND REPORTING PROGRAM

I. INTRODUCTION

This Mitigation Monitoring and Reporting Program ("MMRP") has been prepared in conformance with Section 21081.6 of the California Environmental Quality Act ("CEQA") and Section 15097 of the CEQA Guidelines. The MMRP establishes the framework San Diego State University ("SDSU") and others will use to implement the mitigation measures adopted in connection with project approval, and the monitoring/reporting of such implementation. "Monitoring" is generally an ongoing or periodic process of project oversight. "Reporting" generally consists of a written compliance review that is presented to the decision-making body or authorized staff person.

It is the intent of this program to: (1) provide a framework to document implementation of the required mitigation; (2) identify monitoring/reporting responsibility; (3) establish the frequency and duration of monitoring/reporting; (4) provide a record of the monitoring/reporting; and (5) ensure compliance with those mitigation measures that are within the responsibility of California State University ("CSU")/SDSU to implement. The CSU Board of Trustees has adopted those mitigation measures within its responsibility to implement as binding conditions of approval, fully enforceable by the Board.

In November 2007, the Board approved the SDSU 2007 Campus Master Plan Revision ("project") and a corresponding MMRP. Following litigation, the environmental impact report prepared in support of the project was ruled inadequate in certain limited respects relating to the EIR's analysis of transportation related impacts. As a result, the Board was directed to set aside its 2007 project related approvals, including the MMRP, which it did on January 27, 2016. Since that time, in response to the court's ruling, SDSU prepared a Draft Additional Analysis and related Final Additional Analysis to the 2007 EIR (collectively, "FAA"). Consistent with the court's ruling, the scope of the FAA is limited to the analysis of the project's transportation related impacts. As a result of that analysis, the mitigation measures relating to transportation/circulation previously adopted by the Board have been revised in their entirety. In addition, as part of the FAA analysis, one of the 2007 Master Plan Project components (the Alvarado Hotel) was eliminated from the project and, consequently, previously adopted mitigation measures specific to the hotel and all related references, are no longer applicable. All

other mitigation measures are unaffected by the court's ruling and FAA and, accordingly, are unchanged from those previously adopted by the Board in 2007.

The following table lists each of the mitigation measures adopted by CSU in connection with project approval; the project component to which the mitigation measure applies; the project phase or full-time equivalent (FTE) student enrollment trigger during or by which the measure is to be implemented, respectively; the person/agency responsible for implementing and monitoring implementation of the measure; the frequency of monitoring and reporting; and the status of compliance with the mitigation measure. New text or mitigation measures relative to the MMRP approved in November 2007 and resulting from the FAA analysis are illustrated in double-underline, and deleted text is illustrated in ~~strikeout~~.

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
3.1 AESTHETICS AND VISUAL QUALITY						
AVQ-1	During the preparation of final site design plans for the Adobe Falls Faculty/Staff Housing Upper and Lower Villages, in order to shield sensitive viewers from the proposed buildings, SDSU, or its designee, shall incorporate landscape treatment consistent with the landscape themes in the surrounding communities.	AF	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-2	During the preparation of final site design plans for the Adobe Falls Faculty/Staff Housing Upper and Lower Village sites, in order to minimize impacts to sensitive viewers from lighting, SDSU, or its designee, shall locate and shield all light fixtures away from sensitive viewers. Additionally, all lighting located on the north side of each building shall be of low intensity and height, and motion sensor lights shall be used to further reduce the amount of light emitted.	AF	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-3	During the preparation of final site design plans associated with development of the Alvarado Campus buildings, in order to shield sensitive viewers from the proposed buildings, SDSU, or its designee, shall incorporate landscape treatment consistent with landscape themes present throughout campus and consistent with SDSU's Physical Master Plan, Phase I.	AC	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-4	During the preparation of final site design plans associated with development of the Alvarado Campus buildings, in order to minimize impacts to sensitive viewers from lighting, SDSU, or its designee, shall locate and shield all light fixtures away from sensitive viewers. Motion sensor lights shall be used to further reduce the amount of light emitted.	AC	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-5	During the preparation of final site design plans associated with development of the Alvarado Hotel, in order to shield Navajo	AH	Design; Construction	Campus Project Mgr.;	Ongoing during design and	Not Completed

¹ The project components are abbreviated as follows: Adobe Falls Faculty/Staff Housing ("AF"); Alvarado Campus ("AC"); ~~Alvarado Hotel ("AH")~~; Campus Conference Center ("CCC"); Student Housing ("SH"); and Student Union/Aztec Center Expansion and Renovation ("SU").

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	community viewers from the hotel sign as much as possible, SDSU, or its designee, shall locate the sign at a 90 degree angle to the Interstate 8 freeway and shall not incorporate flashing or marquee elements into the sign.			Staff Architect	construction phases	
AVQ-6	During the preparation of final site design plans associated with development of the Student Housing buildings, in order to shield sensitive viewers from the proposed buildings, SDSU, or its designee, shall incorporate landscape treatment consistent with landscape themes present throughout campus and consistent with SDSU's Physical Master Plan, Phase I.	SH	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-7	During the preparation of final site design plans associated with development of the Student Housing buildings, in order to minimize impacts to sensitive viewers from lighting, SDSU, or its designee, shall locate and shield all light fixtures away from sensitive viewers. Motion sensor lights shall be used to further reduce the amount of light emitted.	SH	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-8	During the preparation of final site design plans associated with development of the Villa Alvarado Residence Hall Expansion, in order to soften the visibility of the proposed buildings from sensitive viewers atop the mesa south of the project site, SDSU, or its designee, shall incorporate vegetative screening along the slope south of the project site.	SH	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
AVQ-9	During the preparation of final site design plans associated with development of the Campus Conference Center building, in order to minimize impacts to sensitive viewers from lighting, SDSU, or its designee, shall locate and shield all light fixtures away from sensitive viewers. Motion sensor lights shall be used to further reduce the amount of light emitted.	CCC	Design; Construction	Campus Project Mgr.; Staff Architect	Ongoing during design and construction phases	Not Completed
3.2 AIR QUALITY						
AQ-1	Prior to the commencement of construction activities on each of the project component sites, SDSU, or its designee, shall require, to the extent feasible, that the principal construction contractor develop a construction activity impact mitigation plan. The	All	Pre-construction; Construction	Staff Architect; Construct. Engineer; Campus	Ongoing during construction phase	Not Completed

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	<p>elements of such a plan, to be approved by SDSU, or its designee, and implemented and supervised by the managing contractor, shall include:</p> <ol style="list-style-type: none"> 1. During grading activities, any exposed soil areas shall be watered twice per day. On windy days or when fugitive dust can be observed leaving the project site, additional applications of water shall be applied to maintain a minimum 12 percent moisture content. Under windy conditions where velocities are forecast to exceed 25 miles per hour, all ground disturbing activities shall be halted until the winds are forecast to abate below this threshold. 2. The contractor shall implement dust suppression techniques to prevent fugitive dust from creating a nuisance offsite. These dust suppression techniques shall include the following: <ol style="list-style-type: none"> (a) Portions of the construction site to remain inactive longer than a period of three months shall be seeded and watered until grass cover is grown or otherwise stabilized. (b) All on-site access points shall be paved as soon as feasible or watered periodically or chemically stabilized. (c) All material transported offsite shall be either sufficiently watered or securely covered to prevent excessive amounts of dust. (d) The area disturbed by clearing, grading, earthmoving, or excavation operations shall be minimized at all times. A maximum daily grading disturbance area shall be maintained at 8.7 acres or less, if possible and practical. 3. All vehicles on the construction site shall travel at speeds less than 15 miles per hour. 4. All material stockpiles subject to wind erosion during construction activities that will not be utilized within three days, shall be covered with plastic, an alternative cover 			Construct. Mgr.		

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	<p>deemed equivalent to plastic, or sprayed with a nontoxic chemical stabilizer.</p> <p>5. Where vehicles leave the construction site and enter adjacent public streets, the streets shall be swept daily or washed down at the end of the work day to remove soil tracked onto the paved surface. Any visible track-out extending for more than fifty (50) feet from the access point shall be swept or washed within thirty (30) minutes of deposition.</p> <p>6. All diesel-powered vehicles and equipment utilized during construction activities shall be properly operated and maintained.</p> <p>7. All diesel-powered vehicles and gasoline-powered equipment shall be turned off when not in use for more than five (5) minutes.</p> <p>8. The construction contractor shall utilize electric or natural gas-powered equipment <i>in lieu</i> of gasoline or diesel-powered engines, where feasible.</p> <p>9. The construction contractor, as much as possible, shall time the construction activities so as not to interfere with peak hour traffic. In order to minimize obstruction of through traffic lanes adjacent to the site, a flagperson shall be retained to maintain safety adjacent to existing roadways, if necessary.</p> <p>10. The construction contractor shall support and encourage ridesharing and transit incentives for the construction crew.</p> <p>11. The construction contractor shall utilize as much as possible pre-coated/natural colored building materials. Water-based or low volatile organic compounds ("VOC") coatings with a reactive organic gases ("ROG") content of 100 grams per liter or less shall be used. Spray equipment with high transfer efficiency, such as the electrostatic spray gun method, or manual coatings application such as paint brush hand roller, trowel, spatula, dauber, rag, or sponge, shall be used to reduce VOC emissions, where practical.</p> <p>12. If construction equipment powered by alternative fuel sources</p>					

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	<p>(LPG/CNG) is available at comparable cost, the construction contractor shall specify that such equipment be used during all construction activities on the project site.</p> <p>13. The construction contractor shall require the use of particulate filters on diesel construction equipment if the use of such filters is demonstrated to be cost-competitive for use on this project.</p> <p>14. During demolition activities, the construction contractor shall utilize safety measures relating to the removal of hazardous and/or toxic materials as required by the SDSU Environmental Health and Safety Department, in accordance with all applicable state and federal laws.</p> <p>15. The construction contractor shall maintain rubble piles in a damp state during demolition to minimize dust generation.</p>					
AQ-2	<p>To the extent SDSU has not previously implemented the following transportation control measures, as soon as reasonably feasible, SDSU, or its designee shall:</p> <ol style="list-style-type: none"> 1. Provide preferential parking spaces for employee carpools and vanpools; 2. Provide on-street bus shelters and well-lighted, safe paths between site uses; 3. Schedule truck deliveries and pickups for off-peak hours where feasible; 4. Work with the City of San Diego to implement or contribute to public outreach programs that promote alternative methods of transportation; and 5. Require that delivery trucks turn off their engines if the anticipated duration of idling exceeds three (3) minutes. 	All	Following project approval	Campus Project Mgr.; SDSU Parking Committee	Ongoing during operational phase	Not Completed
3.3 BIOLOGICAL RESOURCES						
BR-1	Prior to commencement of grading activities on the Adobe Falls Faculty/Staff Housing Upper Village site, SDSU, or its designee,	AF	Pre-construction	Campus Project Mgr.;	Ongoing during pre-construction	Not Completed

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	<p>shall preserve, or cause to be preserved, a total of 9.51 acres of onsite native habitats. The preservation areas shall occur outside of the Multi-Habitat Planning Area ("MHPA"), within the proposed open space on the Adobe Falls Faculty/Staff Housing Site, and shall include 5.20 acres of coastal sage scrub, 1.39 acres of baccharis scrub, 2.43 acres of southern mixed chaparral, 0.02 acre of valley needlegrass grassland, and 0.43 acre non-native annual grassland. SDSU also shall create up to 0.20 acre of wetlands along the western boundary of the Adobe Falls Faculty/Staff Housing site within existing eucalyptus woodland and disturbed habitat on the Lower Village site, and shall enhance up to 0.65 acres of wetlands within existing disturbed sycamore/cottonwood riparian woodland and disturbed wetlands habitats on the Lower Village site.</p> <p>Any planting stock to be brought onto the project site for landscape or habitat creation/restoration/enhancement shall be first inspected by a qualified pest inspector to ensure it is free of pest species that could invade natural areas, including but not limited to, Argentine ants (<i>Iridomyrmex humil</i>), fire ants (<i>Solenopsis inviel</i>a), and other insect pests.</p> <p>Any planting stock found to be infested with such pests shall not be allowed on the project site or within 300 feet of natural habitats unless documentation is provided to the Resource Agencies that these pests already occur in natural areas around the project site. The stock shall be quarantined, treated, or disposed of according to best management principles by qualified experts in a manner that precludes invasions into natural habitats. SDSU, or its designee, shall ensure that all temporary irrigation will be for the shortest duration possible, and that no permanent irrigation will be used, for landscape or habitat creation/restoration/enhancement.</p>			Biology Consultant	phase	
BR-2	Prior to commencement of grading activities on the Adobe Falls	AF	Pre-construction	Campus	Ongoing during	Not

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	<p>Faculty/Staff Housing Upper Village site, SDSU, or its designee, shall create 0.30 acre of wetlands off site, which requirement may be satisfied through the purchase of wetlands mitigation credits at an approved offsite mitigation bank, preferably within the San Diego River watershed.</p> <p>SDSU also shall purchase and preserve a total of 22.31 acres of uplands habitat, which shall include gnatcatcher occupied Diegan coastal sage scrub habitat offsite within the Multi-Habitat Planning Area ("MHPA"). The purchase and preservation may occur on Mt. Fortuna, adjacent to Mission Trails Regional Park, which would contribute to the overall assembly of the MHPA preserve system in San Diego County and ensure that a sensitive area is preserved in perpetuity.</p>			Project Mgr.; Biology Consultant; Landscape Architect	pre-construction phase	Completed
BR-3	<p>If feasible, construction of the Adobe Falls Faculty/Staff Housing site shall occur outside of the migratory bird nesting season (generally March 15 through September 15 annually) to prevent injury or harm to nesting migratory species protected under the Migratory Bird Treaty Act. In addition, clearing of habitat on the site shall be completed prior to the onset of the migratory nesting bird season, whenever possible, to discourage and/or prevent nesting on-site during the nesting season. In the event construction of the Adobe Falls Faculty/Staff Housing site Upper or Lower Village is to occur during the migratory bird general breeding season, prior to the commencement of grading activities, SDSU, or its designee, shall conduct nesting bird surveys for species protected under the Migratory Bird Treaty Act in order to assess the presence/absence of migratory birds within and adjacent to the Adobe Falls Faculty/ Staff Housing site. The surveys shall focus on the detection of nests and nesting activity, with a focus on the detection of nesting gnatcatchers. If any active gnatcatcher nests are detected, the area shall be flagged, along with a buffer of 250 to 300 feet (specific width to be determined by the project biologist), and shall be avoided until the birds have fledged or it has been determined that the nest has failed.</p>	AF	Construction	Campus Project Mgr.; Biology Consultant	Ongoing during construction phase	Not Completed

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BR-4	If construction on the Adobe Falls Faculty/Staff Housing site Upper or Lower Village is to occur during the raptor breeding season (January through October, annually), prior to commencement of grading activities, and at a time during the breeding season, SDSU, or its designee, shall conduct a focused survey for nesting raptors to assess the presence/absence of sensitive nesting raptors within and adjacent to the Adobe Falls Faculty/Staff Housing site. If any active raptor nests are detected, the area shall be flagged, along with a buffer of 250 to 300 feet (specific width to be determined by the project biologist), and shall be avoided until the birds have fledged, or it has been determined that the nest has failed.	AF	Pre-construction; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during pre-construction and construction phases	Not Completed
BR-5	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Village sites, SDSU, or its designee, shall not locate non-native or invasive plant species in landscaping adjacent to native habitat areas, on slopes adjacent to Alvarado Creek, or in upland habitat next to Interstate 8.	AF	Design; Construction	Campus Project. Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-6	During the design phase of the proposed Adobe Falls Faculty/Staff Housing Lower Village site, SDSU, or its designee, shall develop a system of trails that encourage foot traffic within the least sensitive habitat types, while providing views of more sensitive areas adjacent to the proposed development.	AF	Design; Construction	Campus Construct. Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-7	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall develop a Storm Water Pollution Prevention Plan ("SWPPP"), including a Water Quality Management Plan, to address potential water quality impacts.	AF	Design	Campus Construct. Mgr.; Biology Consultant	Ongoing during design phase	Not Completed
BR-8	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall develop buffers between the proposed development and preserved onsite wetlands. The perennial drainage along the west boundary of the site shall include a minimum 25-foot wide buffer along the edge of the development to maintain wildlife habitat functions, and a general 100-foot	AF	Design; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed

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	buffer shall be maintained along the floodplain of Alvarado Creek to avoid the existing Federal Emergency Management Area ("FEMA") floodplain.					
BR-9	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall install outdoor lighting so that it faces away from preserved areas on the periphery of the Adobe Falls Faculty/Staff Housing Site, and shall use low-pressure sodium lights if possible to decrease negative effects associated with artificial night lighting.	AF	Design; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-10	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall provide native landscaping in areas adjacent to preserved native habitat.	AF	Design; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-11	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall develop fencing at the interface between the development boundary and any native habitat to preclude human intrusion into preserved areas.	AF	Design; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-12	During the respective design phase of the proposed Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall develop policies and design measures to reduce the intrusion of domestic pets into native habitat areas, including sensitive habitat signage, installing well-defined trails along habitat areas so recreationalists/ dog walkers understand trail limits, and incorporating leash laws.	AF	Design; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during design and construction phases	Not Completed
BR-13	Prior to construction of the proposed U Lot Residence Hall site, SDSU, or its designee, shall conduct a focused survey for the coastal California gnatcatcher on the coastal sage scrub covered slopes adjacent to the site. The surveys shall be conducted to determine the presence or absence of any nesting gnatcatchers within 500 feet of the proposed construction site. If nests are located within this distance, noise mitigation measures may be required to avoid significant indirect impacts to the gnatcatcher	SH	Pre-construction; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during pre-construction and construction phases	Not Completed

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	during the nesting season.					
BR-14	Prior to the commencement of grading on the Adobe Falls Upper and/or Lower Village sites, SDSU or its designee, shall make every attempt possible to salvage the onsite California adolphia individuals that would be impacted by construction activities. In the event salvage is possible, translocation may occur onsite within the coastal sage scrub habitat planned for conservation immediately west of the Upper Village site.	AF	Pre-construction	Campus Project Mgr.; Biology Consultant	Ongoing during pre-construction phase	Not Completed
BR-15	To avoid potential impacts to sensitive biological resources associated with construction of the Adobe Falls Faculty/Staff Housing Upper and Lower Villages, the following measures shall be implemented prior to and during project construction as applicable: <ul style="list-style-type: none"> • Prior to construction, a temporary fence (with silt barriers) shall be installed around the limits of project impacts (which include all construction staging areas and access routes) to prevent any additional habitat impacts, as well as the spread of silt from the construction zone into the adjacent wetland and upland habitats. Fencing shall be installed in a manner that does not impact habitats that must be avoided. If work occurs beyond the fenced or demarcated limits of impact, all work shall cease until the problem has been remedied. Any riparian/wetland or upland habitat impacts that occur outside of the fenced project limits shall be mitigated at a minimum 5:1 ratio. Temporary construction fencing shall be removed upon project completion; • The clearing and grubbing of, and construction within 300 feet of, gnatcatcher occupied habitat shall occur outside of the gnatcatcher breeding season (March 15 through August 31, or sooner if a qualified biologist demonstrates to the satisfaction of the USFWS and CDFG that all nesting is complete); • Construction employee activities, vehicles, equipment, and construction materials, shall be strictly limited to the fenced project footprint; 	AF	Pre-construction; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during pre-construction and construction phases	Not Completed

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	<ul style="list-style-type: none"> • To avoid attracting potential predators of wildlife on-site, the project site shall be kept as clean of feed and other organic debris as possible. All food related trash items shall be enclosed in sealed containers and regularly removed from the site; • Pets of project personnel shall not be allowed on the project site; • Disposal or temporary placement of excess fill, brush or other debris shall not be allowed in waters of the U.S. or along banks; • If nighttime construction work is necessary, night lighting shall be of the lowest illumination necessary for human safety, selectively placed, shielded and directed away from natural habitats. • All equipment maintenance, staging, and dispensing of fuel, oil, coolant or any other activities, shall occur in designated areas outside of waters of the U.S. and within the fenced project impact areas. These designated areas shall be located in previously compacted and disturbed areas to the maximum extent practicable in such a manner as to prevent any runoff from entering waters of the U.S., and shall be shown on construction plans (i.e., “no fueling zones” shall be delineated on construction plans). Fueling of equipment shall take place within existing paved areas at least 100 feet from waters of the U.S. Contractor’s equipment shall be checked for leaks prior to operation and repaired as necessary. 					
BR-16	<p>Prior to the commencement of construction activities at the Adobe Falls Upper and or Lower Villages, SDSU, or its designee, shall retain a qualified biological resource monitor to conduct the following activities:</p> <ul style="list-style-type: none"> • Monitor initial clearing and grubbing of habitat to ensure that clearing and grubbing of habitat is done aboveground in a way that precludes nesting of birds but does not cause soil and/or root disturbance to vegetation that is to remain 	AF	Pre-construction; Construction	Campus Project Mgr.; Biology Consultant	Ongoing during pre-construction and construction phases	Not Completed

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	<p>onsite;</p> <ul style="list-style-type: none"> • Participate or oversee salvage and transplant of live plants to the mitigation sites as practicable; • Perform a minimum of three focused surveys, on separate days, to determine the presence of the gnatcatchers in the project impact footprint. Surveys will begin a maximum of seven days prior to performing vegetation clearing/grubbing and one survey will be conducted the day immediately prior to the initiation of remaining work. If any gnatcatchers are found within the project impact footprint, the biologist will direct construction personnel to begin vegetation clearing/grubbing in an area away from the gnatcatchers. All construction must be at least 300 feet from any nesting gnatcatchers. In addition, the biologist will walk ahead of clearing/grubbing equipment to flush birds towards areas of coastal sage scrub to be avoided. It will be the responsibility of the biologist to ensure that gnatcatchers will not be injured or killed by vegetation clearing/grubbing. The biologist will also record the number and location of gnatcatchers disturbed by vegetation clearing/grubbing. The applicant will notify the USFWS at least seven days prior to vegetation clearing/grubbing to allow the USFWS to coordinate with the biologist on the bird flushing activities; • Oversee installation of and inspect the fencing and erosion control measures within or upslope of restoration and/or preservation areas at a minimum of once per week and daily during all rain events to ensure that any breaks in the fences or erosion control measures are repaired immediately; • Periodically monitor the work area to ensure that work activities do not generate excessive amounts of dust; • Train all contractors and construction personnel on the biological resources associated with this project and ensure that training is implemented by construction personnel. At a minimum, training will include: 1) the purpose for resource protection; 2) a description of the gnatcatcher and its habitat; 					

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	<p>3) the conservation measures that should be implemented during project construction to conserve sensitive biological resources on-site, including strictly limiting activities, vehicles, equipment and construction materials to the fenced project footprint (i.e. avoided areas shall be delineated on maps or on the project site by fencing per Mitigation Measure BR-15); 4) environmentally responsible construction practices; 5) the protocol to resolve environmental resource-based conflicts that may arise at any time during the construction process; 6) the general provisions of the federal Endangered Species Act, the need to adhere to the provisions of the Endangered Species Act, the penalties associated with violating the Endangered Species Act; and</p> <ul style="list-style-type: none"> • Halt work, if necessary, to ensure the proper implementation of species and habitat protection. 					
BR-17	Any/all brush management activities to occur on the Adobe Falls Upper and/or Lower Village sites shall occur entirely within the delineated project impact areas depicted on Final EIR Figure 3.3-3. No brush management shall occur within the wetland buffer area or undeveloped upland areas.	AF	Pre-construction; Construction; Operation	Campus Project Mgr.	Ongoing during pre-construction , construction and operation phases	Not Completed
3.4 CULTURAL RESOURCES						
CR-1	<p>To minimize the potential indirect effects associated with increased site visitation by residents of the Adobe Falls Faculty/Staff Housing and SDSU students to Adobe Falls, SDSU, or its designee, shall:</p> <ol style="list-style-type: none"> 1. Prior to occupancy of the Upper Village, work with the San Diego Historical Society to install appropriate fencing and signage in the vicinity of the area designated as City of San Diego Historic Site Number 80, including the area designated as Site CA-SDI-17,221; and 2. Subsequently, during preparation of project-specific design plans for the Lower Village, design the Lower Village in such manner that the development does not encroach into the area 	AF	Pre-Upper Village occupancy; Design	Campus Project Mgr.	Prior to Upper Village occupancy; ongoing during design and construction phases	Not Completed

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	designated as City of San Diego Historic Site Number 80, including the area designated as Site CA-SDI-17,221.					
CR-2	Prior to the commencement of grading activities at the Adobe Falls Faculty/Staff Housing site, Alvarado Campus, Alvarado Hotel , and the Student Housing expansions at Lots C, G, and U, SDSU, or its designee, shall prepare an archaeological monitoring plan, which plan shall provide for the presence of an archaeological monitor on the site to monitor the potential discovery of historical resources. In the event that the monitoring of grading activities results in the discovery of cultural features, the archaeological monitor will have the authority to halt excavation at that location and direct that the discovery be evaluated immediately by a qualified archaeologist. Following evaluation, if the feature is determined to be an historical and/or archaeological resource within the meaning of CEQA Guidelines §15064.5, appropriate mitigation measures will be developed at that time before grading activities at that location can resume. In the event the feature is determined to be an historical and/or archaeological resource, grading activities may continue on other parts of the building site while appropriate mitigation is implemented.	All	Pre-construction; Construction	Campus Project Mgr.; Construct. Engineer	Ongoing during grading activities	Not Completed
CR-3	If, during any phase of project construction, there is the accidental discovery or recognition of any human remains in any location other than a dedicated cemetery, the following steps will be taken: 1. There will be no further excavation or disturbance of the site or any nearby area reasonably suspect to overlie adjacent human remains until: <ul style="list-style-type: none"> (a) The San Diego County Coroner is contacted to determine that no investigation of the cause of death is required; and (b) If the Coroner determines the remains to be Native American: 	All	Construction	Campus Project Mgr.; Construct. Engineer	Ongoing during construction phase	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<ul style="list-style-type: none"> (i) The Coroner will contact the Native American Heritage Commission within 24 hours; (ii) The Native American Heritage Commission will identify the person or persons it believes to be the most likely descendant from the deceased Native American; and, (iii) The most likely descendant may make recommendations to SDSU for means of treating or disposing of, with appropriate dignity, the human remains and any associated grave goods, as provided in California Pub. Resources Code §5097.98, or <p>2. Where the following conditions occur, SDSU, or its designee, will rebury the Native American human remains and associated grave goods with appropriate dignity on the property in a location not subject to further subsurface disturbance:</p> <ul style="list-style-type: none"> (a) The Native American Heritage Commission is unable to identify a most likely descendant or the most likely descendant failed to make a recommendation within 24 hours after being notified by the Commission; (b) The descendant identified fails to make a recommendation; or (c) SDSU, or its designee, rejects the recommendation of the descendant, and mediation by the Native American Heritage Commission fails to provide measures acceptable to SDSU. 					
CR-4	Prior to occupancy of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, shall, in coordination with the California Department of Transportation, and following consultation with the San Diego Historical Site Resources Board, remove the existing graffiti, trash and debris from the Adobe Falls historic site in an effort to restore the site to its previously	AF	Pre-Lower Village occupancy	Campus Project Mgr.	Ongoing prior to Lower Village occupancy	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	undisturbed condition, and shall also install signage identifying the historic significance of the Adobe Falls site.					
3.5 GEOTECHNICAL/SOILS						
GEO-1	Prior to the commencement of design and construction activities relating to the proposed project components, SDSU, or its designee, shall conduct, or cause to be conducted, a geotechnical investigation in conformance with the requirements of the California Building Code ("CBC") and Uniform Building Code ("UBC"). The site-specific geotechnical investigations will include, to the extent required by the CBC and UBC, subsurface exploration, laboratory testing, and geotechnical analysis. The investigations will address the potential for landslides/slope instability, erosion, unconsolidated soils, expansive soils, groundwater seepage, flood inundation and seismic shaking. Based on the results of the site-specific investigations, geotechnical design recommendations will be developed and included within each respective project component's design and construction in conformance with any/all applicable CBC and UBC requirements.	All	Design	Staff Architect; Construct. Engineer; Campus Construct. Mgr.	Ongoing during design phase for each project component	Not Completed
GEO-2	During grading activities associated with development of the proposed project, SDSU, or its designee, shall require that compressible soils present on the site be removed where structural fill areas are underlain by unconsolidated soils and replaced with properly compacted or deep foundation systems, which extend through the compressible soils and are supported by the underlying firm natural soils.	All	Grading	Construct. Engineer	Ongoing during grading activities	Not Completed
GEO-3	During grading activities associated with development of the proposed project, SDSU, or its designee, shall require that expansive soils present on the site are not placed within the upper few feet of finished grade, or "special" deepened and/or stiffened foundation systems for proposed structures are utilized.	All	Grading	Construct. Engineer	Ongoing during grading activities	Not Completed
3.6 HAZARDS AND HAZARDOUS MATERIALS						

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
HHM-1	Prior to construction of the proposed Housing Administration/ Residential Education building located just north of Lot H, SDSU, or its designee, shall prepare, maintain, and implement, with the cooperation and assistance of all construction contractors, a Health and Safety Plan to manage and dispose of impacted soil, if encountered during project construction, from the leaking UST once located next to Zura Hall.	SH	Pre-construction; Construction	Construct. Engineer; SDSU EHS Dept.; Campus Project Mgr.	Ongoing during pre-construction and construction phases	Not Completed
HHM-2	Prior to construction in the vicinity of 5111 College Avenue, which is immediately west of Maya Hall and at which lies an active gas station, SDSU, or its designee, shall prepare, maintain, and implement, with the cooperation and assistance of all construction contractors, a Health and Safety Plan to manage and dispose of impacted soil and/or groundwater, if encountered during project construction.	SH	Pre-construction; Construction	Construct. Engineer; SDSU EHS Dept.; Campus Project Mgr.	Ongoing during pre-construction and construction phases	Not Completed
HHM-3	Prior to construction in the vicinity of 5185 College Avenue and 5924 Hardy Avenue, at which former dry cleaners were operated, SDSU, or its designee, shall prepare, maintain, and implement, with the cooperation and assistance of all construction contractors, a Health and Safety Plan to manage and dispose of impacted soil, if encountered during project construction.	SH	Pre-construction; Construction	Construction Engineer; SDSU EHS Dept.; Campus Project Mgr.	Ongoing during pre-construction and construction phases	Not Completed
HHM-4	Prior to demolition of any of the structures located within the Alvarado Campus, Student Union and Student Housing areas of focus, SDSU, or its designee, shall secure the performance of an asbestos survey by a certified asbestos consultant. The asbestos survey information shall be used to define removal quantities, estimate abatement costs, and otherwise refine the scope of work for the removal of asbestos, in compliance with all applicable laws, during project demolition.	AC, SH, SU	Pre-construction; Construction	Construction Engineer; SDSU EHS Dept.; Campus Project Mgr.	Ongoing during pre-construction and construction phases	Not Completed
HHM-5	Prior to demolition of any of the structures located within the Student Housing, Alvarado Campus, and Student Union areas of focus, SDSU, or its designee, shall secure the performance of a lead paint survey by a certified lead paint consultant, and a pesticide residue survey (from organochlorine pesticides from	AC, SH, SU	Pre-construction; Construction	Construction Engineer; SDSU EHS Dept.; Campus Project Mgr.	Ongoing during pre-construction and construction phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	termiticides) by a qualified testing consultant. The lead paint survey information and pesticide residue survey shall be used to define removal quantities, estimate abatement costs, and otherwise refine the scope of work for abatement, in compliance with all applicable laws, during project demolition.					
HHM-6	In order to reduce the likelihood of a hazardous waste accident due to the potential future use of hazardous materials in the proposed project areas, the SDSU Department of Environmental Health and Safety shall continue to remain primarily responsible for the collection and disposal of hazardous waste on the campus site. Hazardous waste shall continue to be collected from approximately 200 satellite accumulation areas throughout the campus, transported to the hazardous waste building in Lot A, segregated, inventoried, packaged, documented, and eventually transported offsite to an approved waste disposal facility.	All	Operation	SDSU EHS Dept.	Ongoing during project operation	Not Completed
3.7 HYDROLOGY AND WATER QUALITY						
HWQ-1	<p>During the design phase of the Adobe Falls Faculty/Staff Housing component of the proposed project, SDSU, or its designee, shall incorporate the following best management practices into the project site design:</p> <ol style="list-style-type: none"> 1. Reserve the Alvarado Creek and nearby steep slope areas as open space; 2. Construct community streets, sidewalks and parking lot aisles to the minimum widths necessary; 3. Incorporate landscape treatment for parking lot runoff; 4. Use unit pavers or other equivalent porous material to construct walkways, alleys and other low-traffic areas; 5. Preserve existing native trees to maximize canopy interception and water conservation; 6. Plant native trees and maximize canopy interception and water conservation; 7. Drain rooftops into adjacent landscaping prior to discharging 	AF	Design; Construction	Staff Architect; Construction Engineer; Campus Project Mgr.	Ongoing during design and construction phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	to the storm drain; 8. Vegetate slopes with native or drought tolerant vegetation; and 9. Install energy dissipaters at the outlets of new storm drains that enter the Alvarado Creek.					
HWQ-2	Prior to the preparation of final design plans for the Adobe Falls Faculty/Staff Housing Upper and Lower Villages, SDSU, or its designee, shall conduct a detailed site specific hydrologic analysis to further assess the effects of the proposed project on the floodplain. The site-specific analysis shall include the preparation of hydrographs depicting flow throughout the duration of a storm, and quantify the duration of flows and total volume of water generated. The analysis also shall address the critical shear stress caused by the post-construction flow, and compare it to the stability threshold for the channel. Following the analysis, SDSU shall incorporate all necessary flow control measures such that post-development hydrology conditions are equivalent to pre-development peak flows, duration, volume, and velocity in order to control site erosion and avoid erosion of the channel.	AF	Pre-design; Construction	Campus Project Mgr.; Design Consultant; Construct. Engineer	Ongoing during pre-design and construction phases	Not Completed
HWQ-3	During the design phase of the Alvarado Campus component of the proposed project, SDSU, or its designee, shall incorporate the following best management practices into the project site design: 1. Use unit pavers or other equivalent porous material to construct walkways, alleys and other low-traffic areas; 2. Preserve existing native trees to maximize canopy interception and water conservation; 3. Plant native trees and maximize canopy interception and water conservation; 4. Drain rooftops into adjacent landscaping prior to discharging to the storm drain; and	AC	Design; Construction	Campus Project Mgr.; Design Architect; Construction Engineer	Ongoing during design and construction activities	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	5. Install energy dissipaters at the outlets of new storm drains that enter Alvarado Creek.					
HWQ-4	During the design phase of the proposed Alvarado Campus buildings, SDSU, or its designee, shall, to the maximum extent feasible, locate all building footprints outside of the 100-year floodplain. If location within the floodplain is necessary, then SDSU, or its designee, shall require that the first habitable floor of the buildings that are located within the 100-year floodplain of Alvarado Creek be situated at least one foot above 100-year flood levels to ensure safety from floodwaters. SDSU, or its designee, also shall obtain flood insurance, to the extent required by law, to protect against any damage that might occur during a flood event.	AC	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design and construction phases	Not Completed
HWQ-5	During the design phase of the Alvarado Hotel component of the proposed project, SDSU, or its designee, shall incorporate the following best management practices into the project site design: <ol style="list-style-type: none"> 1. Preserve existing native trees to maximize canopy interception and water conservation; 2. Construct sidewalks and parking lot aisles to the minimum widths necessary; 3. Use unit pavers or other equivalent porous material to construct walkways, alleys, and other low traffic areas; 4. Plant native trees and maximize canopy interception and water conservation; 5. Drain rooftops into adjacent landscaping prior to discharging the storm drain; and 6. Install energy dissipaters, such as riprap, at the outlets of new storm drains that enter the Alvarado Creek. 	AH	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design and construction phases	Not Completed
HWQ-6	During the design phase of the proposed Alvarado Hotel, SDSU, or its designee, shall, to the maximum extent feasible, locate all	AH	Design; Construction;	Campus Project Mgr.;	Ongoing during design;	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	building footprints outside of the 100-year floodplain. If location within the floodplain is necessary, then SDSU, or its designee, shall require that the first habitable floor of the building that is located within the 100-year floodplain of Alvarado Creek be situated at least one foot above 100-year flood levels to ensure safety from floodwaters. SDSU, or its designee, also shall obtain flood insurance, to the extent required by law, to protect against any damage that might occur during a flood event.		Operation	Design Architect	construction, and operation phases	
HWQ-7	<p>During the design phase of the Campus Conference Center component of the proposed project, SDSU, or its designee, shall incorporate the following best management practices into the project site design:</p> <ol style="list-style-type: none"> 1. Use unit pavers or other equivalent porous material to construct walkways, alleys, and other low-traffic areas; 2. <i>Plant native trees and maximize canopy interception and water conservation; and</i> 3. Drain rooftops into adjacent landscaping prior to discharging to the storm drain. 	CCC	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design and construction phases	Not Completed
HWQ-8	<p>During the design phase of the Student Union Expansion component of the proposed project, SDSU, or its designee, shall incorporate the following best management practices into the project site design:</p> <ol style="list-style-type: none"> 1. Use unit pavers or other equivalent porous material to construct walkways, alleys and other low-traffic areas; 2. <i>Plant native trees and maximize canopy interception and water conservation; and</i> 3. Drain rooftops into adjacent landscaping prior to discharging to the storm drain. 	SU	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design and construction phases	Not Completed
HWQ-9	During the design phase of the Villa Alvarado Residence Hall Expansion component of the proposed project, SDSU, or its	SH	Design; Construction	Campus Project Mgr.;	Ongoing during design and	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>designee, shall incorporate the following best management practices into the project site design:</p> <ol style="list-style-type: none"> 1. Use unit pavers or other equivalent porous material to construct walkways, alleys and other low-traffic areas; 2. Construct sidewalks and parking lot aisles to the minimum widths necessary; 3. Preserve existing native trees to maximize canopy interception and water conservation; 4. Plant native trees and maximize canopy interception and water conservation; 5. Drain rooftops into adjacent landscaping prior to discharging to the storm drain; and 6. Install energy dissipaters, such as riprap, at the outlets of new storm drains that enter the Alvarado Creek. 			Design Architect; Construct. Engineer	construction phases	
HWQ-10	<p>During the design phase of the G Lot, Olmeca/Maya, and U Lot Residence Halls, SDSU, or its designee, shall incorporate the following best management practices into the project site design:</p> <ol style="list-style-type: none"> 1. Use unit pavers or other equivalent porous material to construct walkways, alleys, and other low-traffic areas; 2. Plant native trees and maximize canopy interception and water conservation; and 3. Drain rooftops into adjacent landscaping prior to discharging to the storm drain. 	SH	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design and construction phases	Not Completed
HWQ-11	<p>SDSU, or its designee, to the maximum extent feasible, shall require that:</p> <ol style="list-style-type: none"> 1. Any/all hazardous materials stored on the project site are stored in enclosures, such as cabinets, sheds, or similar structures, that prevent contact with rain, runoff or spillage into the storm drain. (Where not covered by the 	All	Design; Construction; Operation	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design, construction, and operation phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>aforementioned, polyethylene cover will be used.)</p> <ol style="list-style-type: none"> 2. All trash containers utilized on the project site include attached covers to reduce pollution introduction into the drainage system. 3. The following best management practices are incorporated into the project site design, to the maximum extent feasible, to ensure efficient irrigation and reduce runoff from the site: <ol style="list-style-type: none"> (a) Rainfall shutoff devices shall be used to prevent irrigation during and after precipitation; (b) Irrigation systems shall utilize a dripping system to eliminate nuisance runoff; and (c) Backflow preventer/pressure regulators shall be used. 4. Stenciling is done on all site inlets to educate students and faculty on appropriate stormwater pollution prevention practices. 5. Compliance with the following practices to limit runoff contamination from pesticides: <ol style="list-style-type: none"> (a) Pesticides are used properly on the project site and shall be used as a last line of defense in the elimination of pests; and (b) Physical pest elimination techniques, such as weeding and trapping, shall be utilized prior to the application of any pesticides. 6. Should dewatering be necessary during construction, all discharges be in accordance with San Diego Regional Water Quality Control Board ("RWQCB") requirements, which mandate that dewatered groundwater be used onsite as dust control or tanked and hauled to a legal disposal site for treatment. Dewatering shall not occur in Alvarado Creek nor be directed toward the storm drain system or sewer system. In addition, should dewatering be necessary during construction, a National Pollution Discharge Elimination System ("NPDES") dewatering permit shall be obtained from the RWQCB. 					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>7. Appropriate shoring devices and a periodic dewatering system, if necessary, shall be installed below or near the groundwater table to reduce the potential for caving of excavations due to groundwater seeps.</p> <p>8. Project design should attempt to mimic the natural hydrologic regime, and considers the use of biofilters, pervious paving, drainage inserts, and infiltration.</p> <p>9. In order to ensure the long-term effectiveness of all best management practices (“BMPs”), the following maintenance activities shall be conducted, as specified:</p> <p>(a) All BMPs incorporated into the proposed project shall be inspected:</p> <p>(i) Once a month at a minimum;</p> <p>(ii) After every large storm event; and</p> <p>(iii) Semi-annually at the beginning and end of the wet season for standing water, slope stability, sediment accumulation, trash and debris, and presence of burrows for the wetland.</p> <p>(b) Parking lots and sidewalks shall be swept as needed.</p> <p>10. Long-term water quality impacts as a result of construction are minimized by complying with federal and state regulations for groundwater discharge into surface water bodies. These regulations include subsurface and surface drains in fill areas and behind retaining walls. These systems can reduce potential adverse impacts associated with seepage conditions. Appropriate shoring and possibly the installation of a periodic dewatering system below or near the groundwater table may reduce the potential for caving or excavations due to groundwater seeps.</p>					
3.8 LAND USE AND PLANNING						
LUP-1	Development of the proposed Adobe Falls Faculty/Staff Housing Upper Village will comply to the extent feasible with the design standards identified in the City of San Diego Land Development	AF	Design; Construction	Campus Project Mgr.; Design	Ongoing during design and construction	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	Manual Steep Hillside Guidelines. These standards include: (i) disturbed portions of the Upper Village site in 25 percent or greater slopes will be revegetated or restored in accordance with City Municipal Code Landscape Regulations; (ii) any increase in runoff resulting from development of the site will be directed away from any steep hillside areas to an adequate drainage area; and (iii) all feasible methods of erosion control will be considered. (San Diego Municipal Code, Chptr. 14, Art. 3., Div. 1.)			Architect; Construct. Engineer	phases	
LUP-2	During planning and site design activities relating to the proposed Lot G Student Housing complex, consistent with an existing operating agreement, SDSU, or its designee, will consult with Metropolitan Transportation System ("MTS") staff to ensure that all structural, architectural and landscape plans, and the ensuing construction activities, do not interfere unreasonably with MTS's active operation of the San Diego Trolley, which runs adjacent to the proposed Student Housing site.	SH	Design	Campus Project Mgr.; Design Architect; Construct. Engineer	Ongoing during design phases	Not Completed
3.10 NOISE						
NOI-1	During construction of the proposed Adobe Falls Faculty/Staff Housing, Alvarado Campus, Alvarado Hotel , Campus Conference Center, and Student Housing, SDSU, or its designee, shall comply with the City's noise ordinance criteria relative to construction activities so that the 12-hour average noise level does not exceed 75 dB at any noise-sensitive land use. Construction activity shall be limited to between the hours of 7:00 a.m. and 7:00 p.m., Monday through Saturday; construction is prohibited on Sunday or legal holidays. In addition, SDSU, or its designee, shall require that the construction contractor: <ol style="list-style-type: none"> 1. Locate noisy equipment as far as possible from the site boundaries and occupants of buildings; 2. Install stationary equipment in enclosures; 3. Equip all construction equipment, fixed or mobile, with properly operating and maintained muffler exhaust systems; 4. Locate stockpile and vehicle staging areas as far as practical 	AF, AC, AH, CCC, SH	Construction	Campus Project Mgr.; Construct. Engineer	Ongoing during construction phase	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	from residences and occupants of buildings; 5. Use quieter equipment (<i>i.e.</i> , typically smaller pieces of equipment) while working immediately adjacent to the existing residences.					
NOI-2	<p>During construction of the proposed Adobe Falls Upper Village, SDSU, or its designee, shall construct a ten-foot high noise barrier relative to the adjacent pad elevations to mitigate traffic noise levels to 65 dB CNEL or less at outdoor usable areas. The materials used in the construction of the barrier should have a minimum surface density of four pounds per square foot, and may consist of masonry material, 1/2-inch thick Plexiglas, 1/4-inch thick tempered glass, earthen berm, or a combination of these materials. The barrier must be designed so there are no openings or cracks.</p> <p>Following construction of the noise barrier, SDSU, or its designee, shall undertake an interior noise study to ensure that interior noise levels would be mitigated to 45 dB CNEL or less. If the interior noise levels are in excess of 45 dB CNEL, noise abatement measures shall be incorporated into project construction, such as the installation of sound-rated windows along the building adjacent to I-8 and College Avenue, and the installation of air-conditioning or mechanical ventilation. Architectural design modifications also may be required to: (i) minimize the window area facing I-8, (ii) accommodate sound-rated windows and sliding glass doors with larger depths than standard windows, and (iii) allow upgrades to the exterior walls of the buildings.</p>	AF	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer; Acoustical Consultant	Ongoing during design and construction phases	Not Completed
NOI-3	Prior to construction of the proposed Adobe Falls Lower Village, SDSU, or its designee, shall undertake a site-specific noise study for proposed sensitive uses to ensure that the exterior noise level does not exceed 65 dB CNEL at outdoor use areas. The noise study may suggest implementing mitigation measures such as orienting buildings to shield the outdoor use areas from I-8 traffic noise, as well as constructing sound walls or berms around the outdoor use areas. An interior noise study also shall be prepared	AF	Design; Pre-construction; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer; Acoustical Consultant	Ongoing during design, pre-construction, and construction phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	prior to occupancy to ensure that the interior noise level is mitigated to 45 dB CNEL or less with appropriate sound abatement measures incorporated.					
NOI-4	<p>During construction of the proposed Alvarado Hotel, SDSU, or its designee, shall construct a minimum seven foot high noise barrier around the common outdoor usable area (i.e., pool area) to mitigate the traffic noise impact.</p> <p>Additionally, following construction of the noise barrier, SDSU, or its designee, shall undertake the preparation of an interior noise study to ensure that the interior noise level would be mitigated to 45 dB CNEL or less. Noise abatement may be required, including installation of sound rated windows along the building facades facing I 8, and the installation of air-conditioning or mechanical ventilation so that the windows could be closed at the occupant's discretion.</p>	AH	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer; Acoustical Consultant	Ongoing during design and construction phases	Not Completed
NOI-5	During preparation of final site design plans for the Lot G Residence Hall, SDSU, or its designee, shall undertake an interior noise study to ensure that the interior noise level is mitigated to 45 dB CNEL or less. Noise abatement may be required, including installation of sound-rated windows along the building facades facing College Avenue, and air-conditioning or mechanical ventilation so that the windows could be closed at the occupant's discretion.	SH	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer; Acoustical Consultant	Ongoing during design and construction phases	Not Completed
NOI-6	During preparation of final site design plans for the Olmeca and Maya Residence Halls, SDSU, or its designee, shall undertake an interior noise study to ensure that the interior noise level is mitigated to 45 dB CNEL or less. Noise abatement may be required, including installation of sound-rated windows along the building facades facing College Avenue and Montezuma Road, and air-conditioning or mechanical ventilation so that the windows could be closed at the occupant's discretion.	SH	Design; Construction	Campus Project Mgr.; Design Architect; Construct. Engineer; Acoustical Consultant	Ongoing during design and construction phases	Not Completed
NOI-7	Prior to construction of the proposed Lot C Villa Alvarado Residence Hall Expansion, SDSU, or its designee, shall undertake	SH	Design	Campus Project Mgr.;	Ongoing during design phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>the preparation of a site-specific acoustical study to ensure that the exterior noise level does not exceed 65 dB CNEL at outdoor use areas. If suggested by the noise study, SDSU, or its designee, shall design the residence hall to shield the outdoor use area from I-8, College Avenue, and Alvarado Road traffic noise, and shall construct sound walls or berms around the outdoor use area if necessary.</p> <p>Additionally, SDSU, or its designee, shall undertake the preparation of an interior noise study to ensure that the interior noise level is mitigated to 45 dB CNEL or less, with all necessary noise abatement measures incorporated into the project design.</p>			Design Architect; Construct. Engineer; Acoustical Consultant		
3.11 PALEONTOLOGICAL RESOURCES						
PAL-1	<p>Prior to the commencement of any construction-related activities associated with each of the proposed project components, SDSU, or its designee, will undertake a geotechnical investigation to determine the presence of any one of the following geologic formations: San Diego Formation; Mission Valley Formation; Stadium Conglomerate; Friars Formation; and/or Santiago Peak Volcanics. If the investigation confirms the presence of one of these geologic formations, then SDSU, or its designee, shall provide for the presence of a paleontological monitor on the site to monitor the potential discovery of paleontological resources during grading activities. In the event that the monitoring results in the discovery of paleontological resources, the monitor will have the authority to halt excavation at that location and direct that the discovery be evaluated immediately by a qualified paleontologist before depositing any potential fossils into an appropriate scientific or educational institution.</p> <p>Following evaluation, if the resource is determined to be "unique" within the meaning of CEQA Guidelines Appendix G, appropriate mitigation shall be developed at that time prior to resuming grading activities at that location. In the event the resource is determined to be a unique paleontological resource,</p>	All	Pre-grading Construction	Campus Project Mgr.; Construction Engineer	Ongoing during pre-grading and construction phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	grading activities may continue on other parts of the building site while appropriate mitigation is implemented. The results of the paleontological monitoring shall be documented in a final report, which should include, at a minimum, appropriate background information regarding the geographic and geologic setting, lists of any fossils collected and their significance, and illustrative graphics that document the geography, stratigraphy, and distribution of any discovery.					
3.12 POPULATION AND HOUSING						
PH-1	<p>Following project approval, SDSU will promptly submit the following information to SANDAG and the City of San Diego and request that the information be incorporated into SANDAG’s next update to the 2030 Regional Growth Forecast:</p> <ol style="list-style-type: none"> 1. SDSU projects that the total number of students enrolled at the San Diego campus will increase from 33,441 in academic year 2006-07, to 44,826 by the academic year 2024-25. This represents an increase of 11,385 students over academic year 2006-07 enrollment; 2. SDSU projects that the total number of faculty and staff employed at the San Diego campus will increase by 691 faculty and 591 staff persons over academic year 2006-07 employment levels by the academic year 2024-25; 3. The Adobe Falls Faculty/Staff Housing component of the 2007 Campus Master Plan Revision would provide up to 348 multi-family housing units for SDSU faculty and staff. Of this number, 48 housing units will be developed in the near-term, with occupancy projected by the 2010-2012 timeframe. The remaining units will be developed long-term, with occupancy anticipated sometime after the year 2012; 4. The Student Housing component of the 2007 Campus Master Plan Revision includes the near- and long-term development of five on-campus residence hall facilities, ultimately resulting in a net increase of 2,976 student residence hall beds on campus, to be developed as follows: 	All	Following project approval	Campus Project Mgr.	Ongoing until the referenced information is submitted as directed	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>(i) G Lot Residence Hall - Near-term construction of a 10-story structure to house 800 student beds. SDSU anticipates occupancy of this project component by the year 2010-2011;</p> <p>(ii) Olmeca Residence Hall Reconstruction - Near-term construction of a 10-story structure to house 800 student beds, replacing an existing structure that houses 212 beds. SDSU anticipates occupancy of this project component by the year 2011-2012;</p> <p>(iii) Maya Residence Hall Reconstruction - Near-term construction of a 10-story structure to house 800 student beds, replacing an existing structure that houses 212 beds. SDSU anticipates occupancy of this project component by the year 2011-2012;</p> <p>(iv) U Lot Residence Hall - Long-term construction of a 10-story structure to house 800 student beds. SDSU anticipates occupancy of this project component after the year 2012; and</p> <p>(v) Villa Alvarado Residence Hall Expansion - Long-term construction of 50 two-bedroom apartments housing 200 student beds. SDSU anticipates occupancy of this project component after the year 2012;</p> <p>5. The Alvarado Hotel component of the 2007 Campus Master Plan Revision includes up to 120 hotel rooms. SDSU anticipates occupancy of this project component by the year 2009-2010.</p> <p>SANDAG and the City of San Diego can and should consider this information in preparing the next update to SANDAG's regional population and housing growth forecasts, local housing elements, policies, land use designations, incentive programs and regulatory processes intended to accommodate future housing demand.</p>					
3.13 PUBLIC UTILITIES AND SERVICES SYSTEMS						
PSS-1	SDSU, or its designee, shall consult with the City's Development	All	Design;	Campus	Ongoing during	Not

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	Services Department, Water Review Section, on exact sizing and extensions required for water and sewer lines that will serve each project component as it moves forward with site-specific design plans for each project component.		Construction	Project Mgr.; Construct. Engineer	design and construction phases	Completed
PSS-2	Following project approval, SDSU shall work with Alvarado Hospital Medical Center and the City of San Diego to improve emergency access to the hospital, including investigation of the removal of on-street parking from Alvarado Road, which would increase vehicle carrying capacity and thereby reduce traffic congestion.	All	Post-project approval	Campus Project Mgr.	Ongoing during design phase	Not Completed
PSS-3	As each project component moves forward with site-specific design plans, SDSU's Department of Public Safety shall take those steps necessary to increase police staff, equipment and facilities, at levels necessary to serve the increased campus population and maintain the existing response rate of three to five minutes for 90% of its calls.	All	Post-project approval	SDSU DPS	Ongoing following project approval	Not Completed
PSS-4	During construction of the Adobe Falls Faculty/Staff Housing residential development, SDSU shall require the contractor or its designee to maintain a water truck and/or other fire retardant mechanisms onsite at all times.	AF	Construction	Campus Project Mgr.; Construct. Engineer	Ongoing during construction phases	Not Completed
PSS-5	Prior to occupancy of the first building comprising the Alvarado Campus, SDSU's Department of Environmental Health and Safety shall revise the SDSU Hazardous Materials Response Plan to incorporate the new campus facilities into the plan.	AC	Prior to occupancy	Campus Project Mgr.; SDSU EHS Dept.	Ongoing prior to occupancy	Not Completed
PSS-6	Prior to construction of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, shall work with the City of San Diego Fire Department to identify measures into and out of the Lower Village development to ensure that adequate fire safety is maintained.	AF	Pre-construction	Campus Project Mgr.; Construct. Engineer	Ongoing during pre-construction phase	Not Completed
PSS-7	SDSU shall ensure that all recyclable demolition waste products resulting from project construction are disposed of at a construction waste recycling facility.	All	Construction	Campus Project Mgr.; Construct. Engineer	Ongoing during construction phases	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
PSS-8	SDSU shall continue to maintain an active recycling program in order to continue to meet the 50% diversion goal for all solid waste produced on campus.	All	Concurrent with project development	Campus Project Mgr.	Ongoing during project development and operation	Not Completed

3.14 TRANSPORTATION/CIRCULATION AND PARKING

Certain of the mitigation measures that follow in this Section 3.14 are triggered by a designated number of Full Time Equivalent enrolled students, or FTE. That is, when the designated FTE enrollment is reached, implementation of the identified improvement is required. The SDSU FTE enrollment for Master Planning purposes is available online at https://www.calstate.edu/cpdc/Facilities_Planning/Space_Mgmt/Reports/campus_SumCap.shtml. To locate the number, click on "Campus Summaries", and then "San Diego" to reach the summary table for SDSU. The relevant number is included on the summary table at Line 19, labeled "4 Enrollment Minus Other (1-2-3)" which depicts the FTE enrollment for Master Planning purposes. As shown on the table, FTE enrollment for 2018/19 is projected at 24,838. Transportation/Circulation and Parking mitigation measures TCP 1 through TCP 22, and TCP 28 through TCP 29, each provide that subject to funding by the state Legislature, SDSU is to contribute to either the City of San Diego or the City of La Mesa, or is to support Caltrans in its efforts to obtain funding from the state Legislature for, SDSU's fair share of the costs to construct the roadway improvement mitigation measures made necessary by the project. Attached to this MMRP are EIR Tables 3.14-36 and 3.14-37, which depict SDSU's fair share percentage relative to each of the mitigation measures for the near-term (2012) and horizon year (2030), respectively.

~~Consistent with the California Supreme Court's decision in *City of Marina v. Board of Trustees of The California State University* (2006) 39 Cal.4th 341, the California State University ("CSU"), on behalf of SDSU, will, following the normal state budget timelines and process, submit a budget request to the Governor and state Legislature that will include a mitigation dollar amount consistent with the subject mitigation measures. As to Caltrans, CSU will support Caltrans in its efforts to obtain the necessary funds from the Legislature.~~

~~If the Legislature approves the CSU funding request, or a portion of the request, it is anticipated the appropriated funds will be provided to the applicable public agency in annual amounts corresponding to annual enrollment growth, provided that each entity identifies a fund or traffic impact fee program assuring that the funds will be expended solely in furtherance of the subject roadway improvements.~~

~~However, because CSU cannot guarantee that its request to the Governor and the Legislature for the necessary mitigation funding will be approved, or that Caltrans' request for funding will be approved, or that the funding will be granted in the amount requested, or that the public agencies will fund the mitigation improvements that are within their responsibility and jurisdiction, ultimate implementation of mitigation measures TCP 1 through TCP 22, and, TCP 28 through TCP 29, is uncertain.~~

<u>AATCP-1</u>	<u>College Avenue / I-8 Eastbound Ramps (Intersection #8). The improvement necessary to mitigate the Project's significant impact at the College Avenue / I-8 Eastbound Ramp is to widen</u>	All	<u>Prior to 25,056 FTE student enrollment</u> <u>Concurrent with</u>	Campus Project Mgr.; City of San	<u>Prior to 25,056 FTE student enrollment</u>	Not Completed
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Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>the northbound College Avenue approach to the on-ramp to provide an additional lane on College Avenue between Canyon Crest Drive and the I-8 EB on-ramp.</u></p> <p><u>Prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 25,056² or its equivalent, SDSU shall commence and to the extent feasible complete construction of the widening of the northbound College Avenue approach to the College Avenue / I-8 Eastbound Ramp to provide an additional (third) northbound lane between Canyon Crest Drive and the I-8 EB on-ramp by the identified trigger, to the reasonable satisfaction of the City of San Diego City Engineer and Caltrans. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego and Caltrans for review and approval. Following City and Caltrans approval, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of Caltrans and the City Engineer prior to constructing the subject improvements consistent with the approved City and Caltrans plans. In the event the proposed improvements are not approved and constructed in a timely manner, the impact would remain temporarily significant and unavoidable until approval and construction of the improvements, but in no event shall said improvement be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer. (Note: The phrase “or its equivalent” as used in this and other mitigation measures refers to the fact that the near-term construction of the Adobe Falls Faculty/Staff Housing could trigger the identified significant impact prior to FTE enrollment</u></p>		annual student enrollment increases (prior to 2012)	Diego	Ongoing during project development	

²For 2017/2018, the FTE for capacity and master planning purposes is projected to be 24,555. (See LLG TIA Appendix T.) This number serves as the baseline FTE. The total FTE trigger is then calculated as follows: baseline FTE (i.e. 24,555) + FTE trigger shown in Table AA3.14-34, Mitigation Trigger Analysis. For e.g.: Impact A-1: 24,555 baseline FTE + 501 FTE increase = 25,056 total FTE. Similar methodology was followed for all other significantly impacted locations. See Table AA3.14-34 and related text (immediately following Table AA3.14-33) for additional information.

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>actually reaching the designated number, in this case, 25,056. Accordingly, Table AA3.14-34, Mitigation Trigger Analysis, of this Draft Additional Analysis, identifies the number of FTE equivalent faculty/staff housing that would trigger the identified impact requiring mitigation.)</u></p> <p><u>A 1. College Avenue / Del Cerro Boulevard. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide two left turn lanes and one shared through/right turn lane on the westbound approach.</u></p>					
AATCP-2	<p><u>College Avenue / Canyon Crest Drive (Intersection #9). The improvement necessary to mitigate the Project's significant impact at the College Avenue / Canyon Crest Drive intersection is to widen the northbound College Avenue approach to the intersection to provide an additional lane.</u></p> <p><u>Prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 25,265 or its equivalent, SDSU shall commence and to the extent feasible complete construction of the widening of the northbound College Avenue approach to the College Avenue / Canyon Crest Drive intersection to provide an additional (third) northbound through lane by the identified trigger, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. In the event the proposed improvement is not approved and constructed by the above identified trigger, the impact would remain temporarily significant until approval and construction of said improvement, but in no event shall said improvement be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer.</u></p> <p><u>A 2. College Avenue / I 8 Eastbound Ramps. SDSU shall support Caltrans in its efforts to obtain funding from the state</u></p>	All	<u>Prior to 25,265 FTE student enrollment Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 25,265 FTE student enrollment Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	Legislature for the fair share of the costs to provide an additional (third) northbound through lane on College Avenue.					
<u>AATCP-3</u>	<p><u>College Avenue / Zura Way (Intersection #10). The improvement necessary to mitigate the Project's significant impact at the College Avenue / Zura Way intersection is to install a traffic signal at the intersection. A signal warrant analysis is included in LLG TIA Appendix P, which concludes that a signal is warranted at the College Avenue / Zura Way intersection.</u></p> <p><u>Prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 24,586 or its equivalent, SDSU shall commence and to the extent feasible complete construction of the installation of a traffic signal at the College Avenue / Zura Way intersection by the identified trigger, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. In the event the proposed improvement is not approved and constructed by the above identified trigger, the impact would remain temporarily significant until approval and construction of said improvement, but in no event shall said improvement be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer.</u></p> <p>A. 3. College Avenue / Canyon Crest Drive. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide an additional (third) northbound through lane on College Avenue.</p>	All	<u>Prior to 24,586 FTE student enrollment Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 24,586 FTE student enrollment Ongoing during project development</u>	Not Completed
<u>AATCP-4</u>	<p><u>College Avenue / Montezuma Road (Intersection #11). The improvement necessary to mitigate the Project's significant impact at the College Avenue / Montezuma Road intersection is to re-stripe the eastbound Montezuma Road approach to the</u></p>	All	<u>Prior to 25,998 FTE student enrollment Concurrent with annual student</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 25,998 FTE student enrollment Ongoing during</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>intersection to provide an additional (second) eastbound left-turn lane on Montezuma Road to northbound College Avenue, and also to install an overlap phase for the eastbound right-turn to southbound College Avenue at the intersection traffic signal.</u></p> <p><u>Prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 25,998 or its equivalent, SDSU shall commence and to the extent feasible complete construction by the identified trigger of the re-striping of the eastbound Montezuma Road approach to the College Avenue / Montezuma Road intersection to provide an additional (second) eastbound left-turn lane on Montezuma Road to northbound College Avenue and also shall install an overlap phase for the eastbound right-turn to southbound College Avenue at the intersection traffic signal, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. In the event the proposed improvement is not approved and constructed by the above identified trigger, the impact would remain temporarily significant until approval and construction of said improvement, but in no event shall said improvement be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer.</u></p> <p><u>A-4. College Avenue / Zura Way. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to install a traffic signal at the intersection. Alternatively, the City could prohibit southbound left turns at the intersection, which would require an additional southbound left turn lane at the College Avenue / Montezuma Road intersection.</u></p>		enrollment increases (prior to 2012)		project development	
AATCP-5	<u>I-8 Westbound Ramp / Parkway Drive (Intersection #16) [Horizon Year Cumulative Impact]. The improvement necessary</u>	All	<u>Prior to 26,671 FTE student enrollment</u>	Campus Project Mgr.;	<u>Prior to 26,671 FTE student</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>to mitigate the Project's significant impacts at the I-8 Westbound Ramp / Parkway Drive intersection is to install either a traffic signal or a roundabout at the intersection, dependent upon the results of an Intersection Control Evaluation (ICE) analysis. The improvement ultimately decided upon shall be determined based on input provided by Caltrans and the City of La Mesa (the local jurisdiction), and also shall account for any queuing that could affect adjacent intersections, including the 70th Street/Parkway Drive intersection.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (14.2%), SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 26,671 or its equivalent, SDSU shall either construct or provide full funding to the City of La Mesa for the installation of either a traffic signal or a roundabout at the I-8 Westbound Ramp / Parkway Drive intersection, dependent upon the results of an ICE analysis. To implement the improvements, SDSU shall prepare design plans and submit such plans to Caltrans and the City of La Mesa for review and approval. Following Caltrans and La Mesa approval, SDSU shall install the traffic signal or roundabout consistent with the approved plans. In the event the proposed improvements are not approved and constructed in a timely manner, the impact would remain temporarily significant and unavoidable until approval and construction of the improvements.</u></p> <p><u>A 5. College Avenue / Montezuma Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide an additional (third) northbound through lane and an exclusive northbound right-turn lane on College Avenue.</u></p>		<p><u>Concurrent with annual student enrollment increases (prior to 2012)</u></p>	<p><u>City of San Diego</u></p>	<p><u>enrollment Ongoing during project development</u></p>	

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
AATCP-6	<p><u>Alvarado Road: E. Campus Drive to Reservoir Drive. The improvement necessary to mitigate the Project's significant impact on the segment of Alvarado Road from East Campus Drive to Reservoir Drive is to widen and re-stripe Alvarado Road to add a two-way center left-turn lane or add left turn pockets at the Alvarado Road intersections at Alvarado Court and the Villa Alvarado Apartments driveway. This improvement would require the removal of on-street parking on a portion of the segment, which is noted in the College Area Community Plan. However, the removal of on-street parking may not be approved by the City of San Diego since alternative parking spaces may not be available, although SDSU would be able to retain the on-street parking on a portion of Alvarado Road by widening the segment that fronts SDSU property between Alvarado Court and approximately 250 feet west of the Alvarado Medical Center driveway.</u></p> <p><u>Assuming the removal of on-street parking where necessary is feasible, prior to Full-Time Equivalent (FTE) enrollment reaching 25,286 or its equivalent, SDSU shall, to the reasonable satisfaction of the City of San Diego City Engineer and provided the City approves removal of the existing on-street parking on the section not adjacent to SDSU property, commence and to the extent feasible complete construction of the re-striping and widening, where feasible, Alvarado Road between E. Campus Drive and Reservoir Drive to add a two-way center left-turn lane or add left turn pockets at the Alvarado Road intersections at Alvarado Court and the Villa Alvarado Apartments driveway by the identified trigger, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. In the event the proposed improvement is not approved and constructed in a timely</u></p>	All	<u>Prior to 25,286 FTE student enrollment</u> <u>Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of La Mesa	<u>Prior to 25,286 FTE student enrollment</u> <u>Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>manner, the impact would remain temporarily significant until approval and construction of said improvement, but in no event shall said improvement be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer. However, if the removal of on-street parking where necessary is not feasible, the improvements are infeasible due to right-of-way limitations and the impact would remain significant and unavoidable.</u></p> <p>A-6. I-8 WB Ramps/ Parkway Drive. SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to install a traffic signal at the intersection</p>					
AATCP-7	<p><u>Alvarado Road: Reservoir Drive to 70th Street [Horizon Year Cumulative Impact]. The improvement necessary to mitigate the Project's significant impact on the segment of Alvarado Road from Reservoir Drive to 70th Street is to restripe this segment of Alvarado Road to add a two-way center left-turn lane or add left turn pockets at the major apartment and retail driveways along Alvarado Road. This improvement would require the removal of on-street parking, which is noted in the College Area Community Plan, although the City of San Diego may not approve the removal since alternative parking spaces may not be available.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (20.0%), SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, assuming the removal of on-street parking where necessary is feasible, prior to Full-Time Equivalent (FTE) enrollment reaching 26,534 or its equivalent, SDSU shall, to the reasonable satisfaction of the City of San Diego City Engineer and provided the City approves removal of the existing on-street parking, re-stripe Alvarado Road between Reservoir Drive and</u></p>	All	<u>Prior to 26,534 FTE student enrollment Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 26,534 FTE student enrollment Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>70th Street to add a two-way center left-turn lane or add left turn pockets at the major apartments and retail driveways along Alvarado Road. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. However, if the removal of on-street parking where necessary is not approved by the City, the improvements are infeasible due to right-of-way limitations and the impact would remain significant and unavoidable.</u></p> <p><u>B-1. Alvarado Road: E. Campus Drive to Reservoir Drive. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to widen Alvarado Road (on the south side) to two through lanes plus a two-way left turn lane between College Avenue and 70th Street, and realign Alvarado Road to remove existing substandard curves.</u></p>					
AATCP-8	<p><u>College Avenue: I-8 Eastbound Ramp to Zura Way. The improvement necessary to mitigate the Project's significant impact on the segment of College Avenue from Zura Way to the I-8 Eastbound Ramp is to widen this segment of College Avenue to provide an additional (third) northbound travel lane.</u></p> <p><u>Prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 24,804 or its equivalent, SDSU shall commence and to the extent feasible complete construction of the widening of northbound College Avenue from Zura Way to the I-8 Eastbound Ramp to provide an additional (third) northbound travel lane, by the identified trigger. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego and Caltrans for review and approval. Following City and Caltrans approval, SDSU shall obtain any necessary construction permits and provide bond assurances satisfactory to Caltrans and the City Engineer prior to constructing the subject improvements consistent with the approved City and Caltrans plans. In the</u></p>	All	<u>Prior to 24,804 FTE student enrollment</u> <u>Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 24,804 FTE student enrollment</u> <u>Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>event the proposed improvements are not approved and constructed by the above identified trigger, the impact would remain temporarily significant and unavoidable until approval and construction of the improvements, but in no event shall said improvements be delayed beyond the identified trigger without good cause and reasonable coordination with the City of San Diego Engineer.</u></p> <p><u>B-2. Alvarado Road: Reservoir Drive to 70th Street. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to widen Alvarado Road (on the south side) to two through lanes plus a two-way left turn lane between College Avenue and 70th Street, and realign Alvarado Road to remove existing substandard curves.</u></p>					
AATCP-9	<p><u>55th Street / Montezuma Road (Intersection #4). The improvements necessary to mitigate the Project's significant cumulative impact at the 55th Street / Montezuma Road intersection are to modify the traffic signal and restripe the 55th Street southbound approach to include: one (1) dedicated southbound right-turn lane; one (1) shared southbound right/thru/left-turn lane; and one (1) dedicated southbound left-turn lane.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (10.6%), nor is there a plan or program in place to construct the necessary improvements at this intersection, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 28,346 or its equivalent, SDSU shall restripe the 55th Street southbound approach to the 55th Street / Montezuma Road intersection to include: one (1) dedicated southbound right-turn lane; one (1) shared southbound right/thru/left-turn lane; and one (1) dedicated southbound left-turn lane, and also shall implement</u></p>	All	<u>Prior to 28,346 FTE student enrollment</u> <u>Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 28,346 FTE student enrollment</u> <u>Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>the associated signal modification to the reasonable satisfaction of the San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval. Following City approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances satisfactory to the City Engineer.</u></p> <p><u>B-3. College Avenue: I-8 Eastbound Ramps to Zura Way. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide an additional (third) northbound through lane on College Avenue between I-8 and Zura Way.</u></p>					
AATCP-10	<p><u>Campanile Drive / Montezuma Road (Intersection #5). The improvement necessary to mitigate the Project's significant cumulative impact at the Campanile Drive / Montezuma Road intersection is to restripe the Montezuma Road westbound approach to the intersection to provide an exclusive westbound right-turn lane on Montezuma Road to northbound Campanile Drive.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (10.3%), nor is there a plan or program in place to construct the necessary improvements at this intersection, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 28,274 or its equivalent, SDSU shall restripe the Montezuma Road westbound approach to the Campanile Drive / Montezuma Road intersection to provide an exclusive westbound right-turn lane on Montezuma Road to northbound Campanile Drive, and implement the associated signal modifications to the reasonable satisfaction of the San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such</u></p>	All	<u>Prior to 28,274 FTE student enrollment</u> <u>Concurrent with annual student enrollment increases (prior to 2012)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 28,274 FTE student enrollment</u> <u>Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>plans to the City of San Diego for review and approval. Following City approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances satisfactory to the City Engineer.</u></p> <p><u>C-1. Northbound College Avenue to I-8 Eastbound. SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to provide an additional single occupancy vehicle ("SOV") storage lane on the I-8 Eastbound On-Ramp from College Avenue (northbound).</u></p>					
<u>AATCP-11</u>	<p><u>70th Street / Alvarado Road (Intersection #15). The improvement necessary to mitigate the Project's significant cumulative impact at the 70th Street / Alvarado Road intersection is to install an overlap phase on the northbound right-turn to eastbound Alvarado Road at the intersection traffic signal.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (9.6%), nor is there a plan or program in place to construct the necessary improvements at this intersection, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 29,086, SDSU shall install an overlap phase on the northbound right-turn to eastbound Alvarado Road at the 70th Street/ Alvarado Road intersection traffic signal to the reasonable satisfaction of the San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval. Following City approval, SDSU shall obtain any necessary construction permits and provide bond assurances satisfactory to the City Engineer.</u></p> <p><u>E-1. Fairmount Ave / I-8 WB Off Ramp / Camino del Rio North. SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to widen</u></p>	All	<p><u>Prior to 29,086 FTE student enrollment</u> <u>Concurrent with annual student enrollment increases (prior to 2030)</u></p>	<p>Campus Project Mgr.; City of San Diego</p>	<p><u>Prior to 29,086 FTE student enrollment</u> <u>Ongoing during project development</u></p>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	Fairmount Avenue between Mission Gorge Road and I-8 to a six-lane facility.					
<u>AATCP-12</u>	<p><u>Montezuma Road / Collwood Boulevard (Intersection #18). The improvement necessary to mitigate the Project's significant cumulative impact at the Montezuma Road / Collwood Boulevard intersection is to modify the traffic signal at the intersection to provide a right-turn overlap phase on the northbound approach.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (9.3%), nor is there a plan or program in place to construct the necessary improvements at this intersection, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 30,050 or its equivalent, SDSU shall modify the traffic signal at the Montezuma Road / Collwood Boulevard intersection to provide a right-turn overlap phase on the northbound approach to the reasonable satisfaction of the San Diego City Engineer. To implement the improvement, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. E-2, 55th Street / Montezuma Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide a dedicated westbound right-turn lane at the 55th Street / Montezuma Road intersection.</u></p>	All	<u>Prior to 30,050 FTE student enrollment Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 30,050 FTE student enrollment Ongoing during project development</u>	Not Completed
<u>AATCP-13</u>	<u>Ramp Meter. Northbound College Avenue to I-8 Westbound. The improvement necessary to mitigate the Project's identified significant cumulative impact at the Northbound College Avenue to I-8 Westbound ramp meter is to provide additional capacity on</u>	All	<u>Ongoing following project approval Concurrent with annual student</u>	Campus Project Mgr.; City of San Diego	<u>Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>the I-8 westbound mainline. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at the Interstate-8 / College Avenue interchange including the Northbound College Avenue to I-8 Westbound on-ramp. Alternatives to be considered could include enhanced acceleration/deceleration lanes and interconnecting ramp meters. Dependent on the outcome of the study, California State University/SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this on-ramp, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable.</u></p> <p>E-3. Campanile Drive / Montezuma Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide a second southbound left turn lane, and a dedicated right turn lane on the northbound approach.</p>		enrollment increases (prior to 2030)			
<u>AATCP-14</u>	<p><u>Ramp Meter. Southbound College Avenue to I-8 Westbound. The improvement necessary to mitigate the Project's identified significant cumulative impact at the Southbound College Avenue to I-8 Westbound ramp meter is to provide additional capacity on the I-8 westbound mainline. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at the Interstate-8 / College Avenue interchange including the Southbound College Avenue to I-8 Westbound on-ramp.</u></p>	All	<u>Ongoing following project approval Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego; Caltrans	Ongoing during project development	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>Alternatives to be considered could include enhanced acceleration/ deceleration lanes and interconnecting ramp meters. Dependent on the outcome of the study, California State University/SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this on-ramp, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable.</u></p> <p><u>E-5. College Avenue / I-8 WB Ramps. SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to provide three northbound lanes and two southbound lanes on the College Avenue bridge over I-8.</u></p>					
AATCP-15	<p><u>Interstate 8: Fairmount Avenue to Waring Road (eastbound). The improvement necessary to mitigate the Project's identified significant cumulative impact (4.15-4%) to the eastbound segment of Interstate-8 between Fairmount Avenue and Waring Road is to provide additional capacity on the I-8 eastbound mainline. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support-Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at either the I-8 / Fairmount Avenue or I-8 / Waring Road interchange and, relatedly, on the segment of I-8 between Fairmount Avenue and Waring Road. Alternatives to be considered could include enhanced acceleration/ deceleration lanes and interconnecting ramp meters. Dependent upon the outcome of the Study, California State University / SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this segment</u></p>	All	<p><u>Ongoing following project approval Concurrent with annual student enrollment increases (prior to 2030)</u></p>	<p>Campus Project Mgr.; City of San Diego</p>	<p>Ongoing during project development</p>	<p>Not Completed</p>

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>of I-8, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable.</u></p> <p>E-7. College Avenue / Canyon Crest Drive. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide an additional dedicated left turn lane on both the eastbound and westbound approaches.</p>					
<u>AATCP-16</u>	<p><u>Interstate 8: Waring Road to College Avenue (eastbound). The improvement necessary to mitigate the Project's identified significant cumulative impact (4.86.2%) to the eastbound segment of Interstate-8 between Waring Road and College Avenue is to provide additional capacity on the I-8 eastbound mainline. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support-Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at the I-8 / College Avenue Interchange and, relatedly, on the segment of I-8 between Waring Road and College Avenue. Alternatives to be considered could include enhanced acceleration/deceleration lanes and interconnecting ramp meters. Dependent upon the outcome of the Study, California State University / SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this segment of I-8, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable.</u></p> <p>E-9. College Avenue / Montezuma Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide a dedicated right turn lane on the northbound approach.</p>	All	<u>Ongoing following project approval Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego	Opening during project development	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
<u>AATCP-17</u>	<u>Interstate 8: College Avenue to Lake Murray Boulevard (eastbound and westbound). The improvement necessary to mitigate the Project's identified significant cumulative impact to the eastbound (3.84-1%) and westbound (3.33-7%) segments of Interstate-8 between College Avenue and Lake Murray Boulevard is to provide additional capacity on the I-8 eastbound and westbound mainlines. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support-Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at the I-8 / College Avenue Interchange and, relatedly, on the segment of I-8 between College Avenue and Lake Murray Boulevard. Alternatives to be considered could include enhanced acceleration/ deceleration lanes and interconnecting ramp meters. Dependent upon the outcome of the Study, California State University / SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this segment of I-8, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable. E-10. Alvarado Court / Alvarado Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to install a traffic signal at the Alvarado Court / Alvarado Road intersection, and shall contribute its fair share of the costs to provide a dedicated right-turn lane on the eastbound approach, and a dedicated left-turn lane on the westbound approach.</u>	All	<u>Ongoing following project approval Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego	Opening during project development	Not Completed
<u>AATCP-18</u>	<u>Interstate 8: Lake Murray Boulevard to Fletcher Parkway (eastbound and westbound). The improvement necessary to mitigate the Project's identified significant cumulative impact to the eastbound (9.810-4%) and westbound (8.79-4%) segments of</u>	All	<u>Ongoing following project approval Concurrent with annual student</u>	Campus Project Mgr.; City of San Diego	Ongoing during project development	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>Interstate-8 between Lake Murray Boulevard and Fletcher Parkway is to provide additional capacity on the I-8 eastbound and westbound mainlines. To that end, California State University / SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the costs to prepare a Project Study Report-Project Development Support-Project Initiation Document (Study) to evaluate alternatives to increase capacity, improve mobility, and relieve congestion at the I-8 / Fletcher Parkway or I-8 / Lake Murray Boulevard interchange and, relatedly, on the segment of I-8 between Lake Murray Boulevard and Fletcher Parkway. Alternatives to be considered could include enhanced acceleration/ deceleration lanes and interconnecting ramp meters. Dependent upon the outcome of the Study, California State University / SDSU shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the costs to implement the capital improvements identified in the Study. However, as there presently are no capacity improvements planned for this segment of I-8, mitigation to reduce the identified significant impact to less than significant is infeasible and the impact is considered significant and unavoidable.</u></p> <p>E-11. Reservoir Drive / Alvarado Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide a dedicated right turn lane on the eastbound approach.</p>		enrollment increases (prior to 2030)			
AATCP-19	<p><u>Immediately following re-approval of the 2007 Campus Master Plan by The Board of Trustees of the California State University, and no later than commencement of the Fall 2019 semester unless otherwise noted, SDSU shall take the following actions to implement or, as applicable, continue to implement, the following transportation demand management (TDM) strategies designed to reduce the number of vehicle trips generated by SDSU students, faculty, and staff:</u></p> <p><u>1. TDM Coordinator. Immediately following Master Plan approval, SDSU shall identify the SDSU employment</u></p>	All	Beginning Fall 2018 and thereafter as designated in the <u>measure Concurrent with annual student enrollment increases (prior to 2030)</u>	TDM Coordinator (presently, Director of Parking and Transportation) Campus Project Mgr.; City of La Mesa	Annual; reports to be posted on SDSU website Ongoing during project development	Ongoing/Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>position with primary responsibility for overseeing implementation of the following TDM strategies and task such position with conducting the appropriate implementation, outreach, marketing, and monitoring activities.</u></p> <p>2. Increase RideShare Opportunities. SDSU, or the TDM Coordinator as applicable, shall:</p> <ul style="list-style-type: none"> a. <u>Provide a central digital platform location for information relating to available alternative transportation opportunities (to be implemented by Fall 2018);</u> b. <u>Provide preferential vanpool/carpool parking spaces in each parking lot commensurate with demand (to be implemented by Fall 2018);</u> c. <u>Allow use of shared parking passes for carpools and vanpools (shared parking passes authorize the use of one parking pass that is shared amongst all of the drivers of a designated carpool or vanpool) (to be implemented by Fall 2018);</u> d. <u>Connect the existing Enterprise Rent-A-Car VanPool system to the SDSU Human Resources (HR) staff/faculty database for more efficient ride-matching (the HR database includes information regarding home address and employment department, thereby facilitating carpool matches based on location and work schedule) (to be implemented by Fall 2019);</u> e. <u>Provide dedicated parking spaces and subsidies, funded through SANDAG and SDSU, towards leasing (SANDAG provides \$400 towards) and fuel costs (SDSU provides</u> 					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>\$100 towards) associated with vanpools operated through the Enterprise Rent-A-Car VanPool system (to be implemented by Fall 2018);</u></p> <p>f. <u>Promote ZimRide and Waze Carpool (rideshare platforms) and SANDAG's iCommute program by all appropriate means including, but not limited to, providing informational packets to all resident students during student orientation (to be implemented by Fall 2018);</u></p> <p>g. <u>Expand hours of operation, increase frequency, and expand the service area of the currently on-campus only SDSU Red & Black shuttle to include off-campus locations to be determined based on the results of a pilot program to be implemented in 2018 (to be implemented by Fall 2019);</u></p> <p>h. <u>Facilitate continued operation of private shuttles operating between off-campus apartments and campus by identifying off-campus pick-up/drop-off locations (to be implemented by Fall 2018); and,</u></p> <p>i. <u>Designate on campus locations for ride-hailing services, including, but not limited to, Uber and Lyft (see Figure AA3.14-13, On Campus Student Housing and Amenities, for location of existing and planned future rideshare locations) (to be implemented by Fall 2018).</u></p> <p>3. <u>Facilitate Bicycle and Pedestrian Travel.</u> SDSU, or the TDM Coordinator as applicable, shall:</p> <p>a. <u>Establish a Bike-Share pilot program on</u></p>					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>campus to be expanded if successful. Program features will include: dockless program; 100 bicycles initially; students to receive a discount for subscription; incentives/disincentives relating to placement of bicycles following use; and, bicycles may be taken off-campus (to be implemented by Fall 2018);</u></p> <p><u>b. Upgrade existing Class III bicycle facilities to Class II facilities along 54th Street from Collwood Boulevard to El Cajon Boulevard, and upgrade the existing Class III bicycle facilities to Class II facilities along Collwood Boulevard from Monroe Avenue to 54th Street (to be implemented by Fall 2019);</u></p> <p><u>c. Install a Class II bike lane within the existing 36-foot curb-to-curb width on Canyon Crest Drive between Lot 16 (former A Lot) and Lot 15 (former X lot) in order to improve bicycle access to/from and within campus (to be implemented by Fall 2019);</u></p> <p><u>d. Provide shared lane markings (sharrows) on Aztec Circle Drive to alert motorists that bicyclists may be using the full travel lane (implemented 2018);</u></p> <p><u>e. Provide on-campus Class I bike paths between Hardy Road and Hilltop Way, and between Union Street and Viejas Arena (Aztec Walk)(installed since 2007, in 2010);</u></p> <p><u>f. Provide Class II bike lanes on College Avenue between Montezuma Road and Zura Way (installed since 2007, in 2017);</u></p> <p><u>g. Maintain the existing on-campus bike racks</u></p>					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>(with capacity for approximately 1,070 bikes) and four bike maintenance stations (tools and air, unstaffed), and continue to monitor need for additional racks as necessary (to be implemented by Fall 2018); and</u></p> <p><u>h. Provide pedestrian improvements, including pedestrian signals, widened sidewalks, and bulb-outs at South Campus Plaza (west side of College Avenue), and Montezuma Road and Campanile Drive (installed since 2007, in 2017).</u></p> <p>4. Facilitate Transit Ridership. <u>SDSU, or the TDM Coordinator as applicable, shall:</u></p> <p><u>a. Maintain existing transit pass program for students (discounted by Metropolitan Transit System (MTS) and subsidized by SDSU) and enable purchases by credit card (credit card purchases to be implemented by Fall 2018);</u></p> <p><u>b. Establish a pre-tax payroll deduction program for faculty and staff purchase of MTS transit passes, vanpooling, and pooled on-demand rideshare services (e.g., uberPOOL and Lyft Line), provided SDSU meets the state/CSU required minimum participation level (to be implemented by Fall 2019);</u></p> <p><u>c. Provide reduced cost transit passes for faculty and staff, provided SDSU meets the MTS required minimum participation level. Cost reduction will be between 10% and 25%, depending on participation level (to be implemented by Fall 2019); and,</u></p> <p><u>d. Increase on-campus vehicle parking fees for</u></p>					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>single-rider student vehicles by 2025.</u></p> <p><u>In light of the ongoing evolution of transportation technology and advancements, the strategies set forth above may be modified or replaced, as necessary, with alternative strategies of equal or enhanced effectiveness. Therefore, the TDM Coordinator shall annually evaluate the above strategies to ensure that the strategies are meeting the needs and priorities of the SDSU students, faculty, and staff. Program monitoring shall occur pursuant to the Mitigation Monitoring and Reporting Program adopted as part of the project approvals. As new technologies and strategies become available, the strategies included in this mitigation measure can be modified in order to implement alternative technologies and/or strategies of equal or enhanced effectiveness.</u></p> <p><u>E-12. Lake Murray Boulevard / Wisconsin Drive / Parkway Drive. Subject to funding by the state Legislature, SDSU shall contribute to the City of La Mesa its fair share of the costs to provide an additional left turn lane on the westbound approach.</u></p>					
AATCP-20	<p><u>Following occupancy of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, shall prepare a Traffic Calming Study to determine the methods available to control and/or reduce vehicle speeds on residential roadways in the Del Cerro community.</u></p> <p><u>The Traffic Calming Study shall focus on the vicinity of the two elementary schools located near the intersection of Del Cerro Boulevard and College Avenue – Phoebe Hearst Elementary School and the Temple Emanuel school, and shall consider all appropriate traffic calming strategies, including those identified in the City of San Diego Street Design Manual (March 2017). Following completion of the study, SDSU shall contribute its fair-share of the costs to implement feasible traffic calming measures identified in the study based on the percentage of Adobe Falls / Faulty Staff Housing generated average daily trips (“ADT”) relative to the street segment or intersection location total ADT.</u></p>	AFH	<p><u>Following occupancy of Adobe Falls Lower Village Concurrent with annual student enrollment increases (prior to 2030)</u></p>	Campus Project Mgr.; City of La Mesa	Ongoing post-Lower Village occupancy during project development	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	E-13. 70 th Street / Alvarado Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of La Mesa its fair share of the costs to provide a second southbound left turn lane on 70 th Street at Alvarado Road.					
<u>AATCP-21</u>	<p><u>Prior to the commencement of construction activities associated with the proposed project, SDSU shall prepare a Traffic Control Plan ("TCP"), to the reasonable satisfaction of the City Engineer, to minimize the impacts to the surrounding City roadways, including those roads located within the Del Cerro/Adobe Falls community, that may result during project construction activities. Special attention shall be paid to Alvarado Road and the potential effect of construction related traffic on Alvarado Hospital emergency access. The TCP shall require that a minimum of one lane of travel on Alvarado Road remain open at all times during project construction; that flaggers be utilized to assist in the direction of traffic when necessary; that area emergency response providers be given notice of road closures by SDSU's contractors; and that construction activities, including road closures, which shall be subject to the City of San Diego's permitting process, and the movement of heavy equipment, occur during off-peak periods to the maximum extent feasible.</u></p> <p>E-15. I-8 EB Ramps / Alvarado Road. SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to provide an additional through lane on the westbound approach.</p>	All	<u>Prior to commencement of construction activities Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego	Ongoing during project development	Not Completed
<u>AATCP-22</u>	<p><u>During project-specific review of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, shall conduct a peak-hour intersection analysis of the project's impacts on the Adobe Falls Road/Waring Road intersection.</u></p> <p>F-8. Montezuma Road: 55th Street to College Avenue. Subject to funding by the state Legislature, SDSU shall contribute to Caltrans its fair share of the costs to improve Montezuma Road between 55th Street and College Avenue to four-lane Major Arterial standards.</p>	AFH	<u>During project-specific review of Adobe Falls Lower Village Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; City of San Diego	<u>Prior to project-specific review of Lower Village</u> Ongoing during project development	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
AATCP-23	<p><u>College Avenue: Montezuma Road to Cresita Drive. The improvement necessary to mitigate the Project's significant impact on the segment of College Avenue from Montezuma Road to Cresita Drive is to construct a raised median either by widening College Avenue or removing the existing on-street parking. However, widening College Avenue at this location is not feasible because it would require the acquisition of additional right-of-way that is owned by multiple individual third parties. As to the removal of on-street parking, the City of San Diego has informed SDSU that only portions of the parking could be removed.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (24.8%), SDSU has agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, if the removal of on-street parking on the segment of College Avenue between Montezuma Road and Cresita Drive sufficient to construct a raised median is approved by the City of San Diego, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 26,670 or its equivalent, SDSU shall construct a raised median on College Avenue between Montezuma Road and Cresita Drive, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. However, if the removal of on-street parking is not approved by the City, this mitigation is infeasible because the installation of a raised median would require road widening, which in turn would require the acquisition of additional right-of-way on College Avenue between Montezuma Road and Cresita Drive that is owned by multiple individual third parties. Therefore, the</u></p>	All	<u>Prior to 26,670 FTE student enrollment Post Lower Village occupancy</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 26,670 FTE student enrollment Ongoing post-Lower Village occupancy</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>installation of a raised median would be infeasible and, as a result, this impact is considered significant and unavoidable.</u></p> <p>I-1. Del Cerro Residential Streets. Following occupancy of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, in coordination with the City of San Diego and the San Diego Unified School District, shall prepare a Traffic Calming Study. The study shall analyze methods available to control and/or reduce vehicle speeds on residential roadways in the vicinity of the Phoebe Hearst Elementary School and the Temple Emanuel school at the intersection of Del Cerro Boulevard and College Avenue in the Del Cerro community. The study shall consider all appropriate traffic calming strategies, including those identified in the <i>City of San Diego Street Design Manual</i> (November 2002). Following completion of the study, SDSU shall contribute its fair share of the costs to implement feasible traffic calming measures identified in the study based on the percentage of Adobe Falls Faculty/Staff Housing generated average daily trips ("ADT") relative to the community total ADT.</p>					
AATCP-24	<p><u>Fairmount Avenue / I-8 Westbound Off Ramp / Camino Del Rio N (Intersection #1). The improvement necessary to mitigate the Project's significant cumulative impact at the Fairmount Avenue / I-8 Westbound Off Ramp / Camino Del Rio North intersection is to widen the eastbound approach to provide an additional (second) eastbound exclusive right-turn lane on Camino Del Rio N. to southbound Fairmount Avenue at this intersection.</u></p> <p><u>Improvements to the interchange are included in the FY 2015 Navajo Public Facilities Financing Plan, Project T-12B (see City of San Diego Comment L-5-26). However, there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (0.9%). Therefore, the identified improvements are infeasible as they are not capable of being accomplished in a successful manner within a reasonable period of time and, as a result, this impact is considered significant and unavoidable.</u></p>	AIAF	<u>Prior to 27,806 FTE student enrollment Post Lower Village occupancy</u>	Campus Project Mgr.	<u>Prior to 27,806 FTE student enrollment</u> Ongoing post Lower Village occupancy	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>Notwithstanding, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 27,806 or its equivalent, SDSU shall provide funding to the City of San Diego, in an amount to be jointly agreed upon by SDSU and the City based upon professional cost estimates, for the installation of Adaptive Signal Controls at the traffic signals located at the following intersections: Fairmount Avenue / I-8 Eastbound Off Ramp; Fairmount Avenue / Camino Del Rio North / I- Westbound Off Ramp; and Fairmount Avenue / Mission Gorge Road. Implementation of this feasible mitigation, however, will not reduce the identified impacts to less than significant.</u></p> <p><u>Adobe Falls Faculty/Staff Housing Shuttle. Following occupancy of the Adobe Falls Faculty / Staff Housing Lower Village, and every six months thereafter, SDSU, or its designee, shall conduct traffic counts on Adobe Falls Road, Mill Peak Road, Capri Drive, Arno Drive, and Genoa Drive, to determine existing roadway average daily trips ("ADT"). At such time as the ADT generated by the Adobe Falls Faculty/Staff Housing Upper and Lower Villages reaches 80% of the total ADT forecast in this EIR, SDSU shall institute regular shuttle service to the community to ensure project generated ADT do not exceed the levels forecast in this EIR.</u></p>					
AATCP-25	<p><u>Alvarado Court / Alvarado Road (Intersection #12). The improvement necessary to mitigate the Project's significant cumulative impact at the Alvarado Court / Alvarado Road intersection is to install a traffic signal at the intersection. A signal warrant analysis is included in LIG TIA Appendix P, which concludes that a signal is warranted at the Alvarado Court / Alvarado Road intersection.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (59.1%), nor is there a plan or program in place to construct the necessary improvements at this intersection, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial</u></p>	All	<u>Prior to 27,285 FTE student enrollment Pre-construction; Construction</u>	Campus Project Mgr.; City of San Diego	<u>Prior to 27,285 FTE student enrollment Ongoing during construction phase</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 27,285 or its equivalent, SDSU shall install a traffic signal at the Alvarado Court/ Alvarado Road intersection. To implement the improvements, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval. Following City approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances satisfactory to the City Engineer.</u></p> <p><u>J-1. Construction Related Impacts. Prior to the commencement of construction activities associated with the proposed project, SDSU shall work with the City of San Diego to prepare a Traffic Control Plan ("TCP") to minimize the impacts to the surrounding roadways that may result during project construction activities. Special attention shall be paid to Alvarado Road and the potential effect of construction related traffic on Alvarado Hospital emergency access. The TCP shall require that a minimum of one lane of travel on Alvarado Road remain open at all times during project construction; that flagmen be utilized to assist in the direction of traffic when necessary; that area emergency response providers be given notice of road closures; and that construction activities, including road closures and the movement of heavy equipment, occur during off peak periods to the maximum extent feasible.</u></p>					
AATCP-26	<p><u>Montezuma Road: Fairmount Avenue to Collwood Boulevard. The improvement necessary to mitigate the Project's significant cumulative impact to the segment of Montezuma Road from Fairmount Avenue to Collwood Boulevard is to widen this segment of Montezuma Road to provide an additional eastbound travel lane.</u></p> <p><u>However, implementation of the necessary improvement is infeasible because: (i) the right-of-way necessary to add a lane is not available due to the existing topography; and (ii) there is no</u></p>	All	Prior to 28,283 FTE student enrollment Lower Village project specific review	Campus Project Mgr.	Prior to 28,283 FTE student enrollment Ongoing during Lower Village project specific review	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>plan or program in place to provide the necessary funding in combination with the Project's fair-share (7.8%), nor is there a plan or program in place to construct the necessary improvements at this location. Therefore, the identified improvements are infeasible and, as a result, this impact is considered significant and unavoidable.</u></p> <p><u>Notwithstanding, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 28,283 or its equivalent, SDSU shall provide funding to the City of San Diego, in an amount to be jointly agreed upon by SDSU and the City based upon professional cost estimates, for the installation of Adaptive Signal Controls at the traffic signal located at the Montezuma Road / Collwood Boulevard intersection. Implementation of this feasible mitigation, however, will not reduce the identified impacts to less than significant.</u></p> <p><u>During project specific review of the Adobe Falls Faculty/Staff Housing Lower Village, SDSU, or its designee, shall conduct a peak hour intersection analysis of the project's impacts on the Adobe Falls Road/Waring Road intersection.</u></p>					
AATCP-27	<p><u>Montezuma Road: Collwood Boulevard to 55th Street. The improvement necessary to mitigate the Project's significant cumulative impact to the segment of Montezuma Road from Collwood Boulevard to 55th Street is to widen this segment of Montezuma Road to provide an additional eastbound travel lane.</u></p> <p><u>However, implementation of the necessary improvements is infeasible because: (i) the right-of-way necessary to add a lane is not available due to the existing topography; and (ii) there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (8.7%), nor is there a plan or program in place to construct the necessary improvements at this location. Therefore, the identified improvements are infeasible and, as a result, this impact is considered significant and unavoidable.</u></p>	All	<u>Prior to 28,032 FTE student enrollment</u> <u>Post project approval through 2012/13</u>	Campus Project Mgr.	<u>Prior to 28,032 FTE student enrollment</u> <u>Ongoing through 2012/13 academic year</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>Notwithstanding, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 28,032 or its equivalent, SDSU shall provide funding to the City of San Diego, in an amount to be jointly agreed upon by SDSU and the City based upon professional cost estimates, for the installation of Adaptive Signal Controls at the traffic signals located at the intersections of Montezuma Road and Yerba Santa Drive, 54th Street, and 55th Street. Implementation of this feasible mitigation, however, will not reduce the identified impacts to less than significant.</u></p> <p><u>SDSU shall develop a campus Transportation Demand Management (“TDM”) program to be implemented not later than the commencement of the 2012/2013 academic year. The TDM program shall be developed in consultation with the San Diego Association of Governments (“SANDAG”) and the Metropolitan Transit System (“MTS”) and shall facilitate a balanced approach to mobility, with the ultimate goal of reducing vehicle trips to campus in favor of alternate modes of travel.</u></p>					
AATCP-28	<p><u>Montezuma Road: 55th Street to College Avenue. The improvement necessary to mitigate the Project’s significant cumulative impact to the segment of Montezuma Road from 55th Street to College Avenue is to install a raised median along this segment of Montezuma Road.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project’s fair-share (21.2%), nor is there a plan or program in place to construct the necessary improvements at this location, SDSU has determined it is feasible and, therefore, agreed to fully fund and implement the necessary improvements in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 26,998 or its equivalent, SDSU shall install a raised median on the segment of Montezuma Road between 55th Street and College Avenue, to the reasonable satisfaction of the City of San Diego City Engineer. To implement the improvement, SDSU shall prepare design plans</u></p>	All	<u>Prior to 26,998 FTE student enrollment Concurrent with annual student enrollment increases (prior to 2030)</u>	Campus Project Mgr.; Caltrans	<u>Prior to 26,998 FTE student enrollment Ongoing during project development</u>	Not Completed

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer.</u></p> <p>H 1. Interstate 8: Fairmount Avenue to Waring Road (eastbound). SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to prepare an Interstate 8 ("I-8") Corridor Study for the future widening of I-8, and, dependent upon the outcome of the Corridor Study, shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to implement the capital improvements identified in the Study, provided the fair share is consistent with all applicable constitutional requirements, including those regarding proportionality and nexus, relative to the project's impacts on eastbound I-8 between Fairmount Avenue and Waring Road.</p> <p>H 2. Interstate 8: Waring Road to College Avenue (eastbound). SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to prepare an Interstate 8 ("I-8") Corridor Study for the future widening of I-8, and, dependent upon the outcome of the Study, shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to implement the capital improvements identified in the Study, provided the fair share is consistent with all applicable constitutional requirements, including those regarding proportionality and nexus, relative to the project's impacts on eastbound I-8 between Waring Road and College Avenue.</p> <p>H 3. Interstate 8: College Avenue to Lake Murray Boulevard (eastbound and westbound). SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to prepare an Interstate 8 ("I-8") Corridor Study for the future widening of I-8, and, dependent upon the outcome of the Study, shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to implement the capital improvements identified in the</p>					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p>Study, provided the fair share is consistent with all applicable constitutional requirements, including those regarding proportionality and nexus, relative to the project's impacts on eastbound and westbound I 8 between College Avenue and Lake Murray Boulevard.</p> <p>H 4. Interstate 8: Lake Murray Boulevard to Fletcher Parkway (eastbound and westbound). SDSU shall support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to prepare an Interstate 8 ("I-8") Corridor Study for the future widening of I 8, and, dependent upon the outcome of the Study, shall continue to support Caltrans in its efforts to obtain funding from the state Legislature for the fair share of the costs to implement the capital improvements identified in the Study, provided the fair share is consistent with all applicable constitutional requirements, including those regarding proportionality and nexus, relative to the project's impacts on eastbound and westbound I 8 between Lake Murray Boulevard and Fletcher Parkway.</p>					
<u>AATCP-29</u>	<p><u>Following occupancy of the Adobe Falls Faculty / Staff Housing Lower Village, and every six months thereafter, SDSU, or its designee, shall conduct traffic counts on Adobe Falls Road, Mill Peak Road, Capri Drive, Arno Drive, and Genoa Drive, to determine existing roadway average daily trips ("ADT"). At such time as the ADT generated by the Adobe Falls Faculty/Staff Housing Upper and Lower Villages reaches 80% of the total ADT forecast in this EIR for the Adobe Falls housing, SDSU shall institute regular shuttle service between campus and the Adobe Falls housing to ensure project-generated ADT do not exceed the levels forecast in this EIR.</u></p> <p>F-5. College Avenue: Zura Way to Montezuma Road. Subject to funding by the state Legislature, SDSU shall contribute to the City of San Diego its fair share of the costs to provide an additional (third) northbound through lane on College Avenue between Zura Way and Montezuma Road.</p>	AFH	<p><u>Following occupancy of Adobe Falls Lower Village and every six months thereafter</u> Concurrent with annual student enrollment increases (prior to 2030)</p>	Campus Project Mgr.; City of San Diego	<p><u>Following occupancy of Adobe Falls Lower Village and Ongoing thereafter during project development</u></p>	Not completed
<u>AATCP-30</u>	<p><u>College Avenue: Del Cerro Boulevard to I-8 WB off-Ramp. The</u></p>					

Mitigation Measure No.	Mitigation Measures	Project Component ¹	Project Phase/ <u>FTE Enrollment Trigger</u>	Responsible Person/ Agency	Frequency of Monitoring/ Reporting	Compliance
	<p><u>improvement necessary to mitigate the Project's significant cumulative impact to the segment of College Avenue from Del Cerro Boulevard to Interstate-8 WB off-ramp is to restripe or, alternatively if the City of San Diego requires, widen northbound College Avenue to provide an additional lane.</u></p> <p><u>Since there is no plan or program in place to provide the necessary funding in combination with the Project's fair-share (30.8%), nor is there a plan or program in place to construct the necessary improvements at this segment, in the event the City approves the addition of a northbound lane via re-striping, which SDSU's traffic engineer has determined is feasible and would fully mitigate the impact, SDSU has agreed to fully fund and implement the re-striping in light of the substantial benefits that would accrue to the SDSU community and for the limited purpose of this project only. To that end, prior to SDSU Full-Time Equivalent (FTE) enrollment reaching 26,671 or its equivalent, and contingent upon City approval, SDSU shall re-stripe northbound College Avenue between Del Cerro Boulevard and the I-8 WB off-ramp to provide an additional lane. To implement the improvement, SDSU shall prepare design plans and submit such plans to the City of San Diego for review and approval, and prior to commencing construction, SDSU shall obtain any necessary construction permits and provide bond assurances to the reasonable satisfaction of the City Engineer. In the event the City does not approve the re-striping and requires instead that College Avenue be widened at this location, the road widening would require the acquisition of additional right-of-way that is owned by multiple individual third parties. Therefore, under this latter scenario, the identified improvements are infeasible and, as a result, this impact is considered significant and unavoidable.</u></p>					

MITIGATION TRIGGER ANALYSIS

<u>Mitigation Measure Number</u>	<u>Impacted Locations</u>	<u>Adobe Falls Faculty/ Staff Housing FTE^a</u>	<u>Student FTE^b</u>	<u>FTE Trigger Increase^c</u>
<i>Near-Term (Year 2022)</i>				
<u>AATCP-1</u>	<u>College Avenue / I-8 EB Ramps</u>	<u>501</u>	<u>=</u>	<u>501</u>
<u>AATCP-2</u>	<u>College Avenue / Canyon Crest Drive</u>	<u>661</u>	<u>49</u>	<u>710</u>
<u>AATCP-3</u>	<u>College Avenue / Zura Way</u>	<u>31</u>	<u>=</u>	<u>31</u>
<u>AATCP-4</u>	<u>College Avenue / Montezuma Road</u>	<u>661</u>	<u>782</u>	<u>1,443</u>
<u>AATCP-6</u>	<u>Alvarado Road: E. Campus Drive to Reservoir Drive</u>	<u>661</u>	<u>70</u>	<u>731</u>
<u>AATCP-8</u>	<u>College Avenue: I-8 EB Ramps to Zura Way</u>	<u>249</u>	<u>=</u>	<u>249</u>
<i>Horizon Year (Year 2035)</i>				
<u>AATCP-24</u>	<u>Fairmount Avenue / I-8 WB Off Ramp / Camino Del Rio N.</u>	<u>661</u>	<u>2,590</u>	<u>3,251</u>
<u>AATCP-9</u>	<u>55th Street / Montezuma Road</u>	<u>661</u>	<u>3,130</u>	<u>3,791</u>
<u>AATCP-10</u>	<u>Campanile Drive / Montezuma Road</u>	<u>661</u>	<u>3,058</u>	<u>3,719</u>
	<u>College Avenue / I-8 EB Ramps</u>	<u>See A-1</u>		
	<u>College Avenue / Canyon Crest Drive</u>	<u>See A-2</u>		
	<u>College Avenue / Zura Way</u>	<u>See A-3</u>		
	<u>College Avenue / Montezuma Road</u>	<u>See A-4</u>		
<u>AATCP-25</u>	<u>Alvarado Court / Alvarado Road</u>	<u>661</u>	<u>2,069</u>	<u>2,730</u>
<u>AATCP-11</u>	<u>70th Street / Alvarado Road</u>	<u>661</u>	<u>3,870</u>	<u>4,531</u>
<u>AATCP-5</u>	<u>I-8 WB Ramps / Parkway Drive</u>	<u>661</u>	<u>1,455</u>	<u>2,116</u>
<u>AATCP-12</u>	<u>Montezuma Road / Collwood Boulevard</u>	<u>661</u>	<u>4,834</u>	<u>5,495</u>
	<u>Alvarado Road: E. Campus Drive to Reservoir Drive</u>	<u>See B-1</u>		
<u>AATCP-7</u>	<u>Alvarado Road: Reservoir Drive to 70th Street</u>	<u>661</u>	<u>1,318</u>	<u>1,979</u>
	<u>College Avenue: I-8 EB Ramps to Zura Way</u>	<u>See B-3</u>		
<u>AATCP-23</u>	<u>College Avenue: Montezuma Road to Cresita Drive</u>	<u>661</u>	<u>1,932</u>	<u>2,593</u>
<u>AATCP-26</u>	<u>Montezuma Road: Fairmount Avenue to Collwood Boulevard</u>	<u>661</u>	<u>3,067</u>	<u>3,728</u>

MITIGATION TRIGGER ANALYSIS

<u>Mitigation Measure Number</u>	<u>Impacted Locations</u>	<u>Adobe Falls Faculty/ Staff Housing FTE^a</u>	<u>Student FTE^b</u>	<u>FTE Trigger Increase^c</u>
<u>AATCP-27</u>	<u>Montezuma Road: Collwood Boulevard to 55th Street</u>	<u>661</u>	<u>2,816</u>	<u>3,477</u>
<u>AATCP-28</u>	<u>Montezuma Road: 55th Street to College Avenue</u>	<u>661</u>	<u>1,782</u>	<u>2,443</u>
<u>AATCP-30</u>	<u>College Avenue: Del Cerro Boulevard to I-8 WB Off-Ramp</u>	<u>661</u>	<u>1,455</u>	<u>2,116</u>

Footnotes:

a. 172 DU of Adobe Falls is calculated to generate 1,376 ADT's. Based on Horizon Year (Year 2035) student headcount (11,385 students) to student trips (20,830 ADT) relationship and 1.1385 FTE conversion factor (see footnote c), the total FTE's for Adobe Falls housing was calculated as 661 FTE's [(11,385/20,830) x (1,376/1.1385)].

b. 11,385 student headcount = 10,000 FTE's. Therefore, 1 student headcount = 1.1385 FTE.

c. FTE Trigger Increase = Adobe Falls FTE + Student FTE

General Notes:

ATTACHMENT

TABLE 3.14-36
MITIGATION FAIR SHARE CONTRIBUTIONS
NEAR-TERM (2012) IMPACTS

Mitigation Measure Number	Impacted Locations	Fair Share Percentage
A-1	College Avenue / Del Cerro Boulevard intersection	5%
A-2	College Avenue / I-8 EB Ramps intersection	4%
A-3	College Avenue / Canyon Crest Drive intersection	6%
A-4	College Avenue / Zura Way intersection	3%
A-5	College Avenue / Montezuma Road intersection	2%
A-6	I-8 WB Ramps / Parkway Drive intersection	2%
B-1	Alvarado Road: E. Campus Drive to Reservoir Drive	3%
B-2	Alvarado Road: Reservoir Drive to 70 th Street	3%
B-3	College Avenue: I-8 EB Ramps to Zura Way	4%
C-1	Northbound College Avenue to Eastbound I-8	3%

TABLE 3.14-37
MITIGATION FAIR SHARE CONTRIBUTIONS
HORIZON YEAR (2030) IMPACTS

Mitigation Measure Number	Impacted Locations	Fair Share Percentage (Percentages are cumulative of (i.e., include) Near-Term (2012) fair-share percentages)
E-1	I-8 WB Off Ramp / Fairmount Avenue intersection	1%
E-2	55 th Street / Montezuma Road intersection	12%

E-3	Campanile Drive / Montezuma Road intersection	8%
E-4	College Avenue / Del Cerro Boulevard intersection	17%
E-5	College Avenue / I-8 WB Ramps intersection	19%
E-6	College Avenue / I-8 EB Ramps intersection	16%
E-7	College Avenue / Canyon Crest Drive intersection	23%
E-8	College Avenue / Zura Way intersection	16%
E-9	College Avenue / Montezuma Road intersection	11%
E-10	Alvarado Court / Alvarado Road intersection	31%
E-11	Reservoir Drive / Alvarado Road intersection	21%
E-12	Lake Murray Boulevard / Parkway Drive intersection	8%
E-13	70 th Street / Alvarado Road intersection	5%
E-14	I-8 WB Ramps / Parkway Drive intersection	11%
E-15	I-8 EB Ramps / Alvarado Road intersection	4%
F-1	Alvarado Road: E. Campus Drive to Reservoir Drive	39%
F-2	Alvarado Road: Reservoir Drive to 70 th Street	24%
F-3	College Avenue: Del Cerro Boulevard to I-8 Eastbound Ramps	9%
F-4	College Avenue: I-8 Eastbound Ramps to Zura Way	18%
F-5	College Avenue: Zura Way to Montezuma Road	13%
F-6	College Avenue: South of Montezuma Road	17%
F-7	Montezuma Road: Fairmount Avenue to Collwood Boulevard	15%
F-8	Montezuma Road: 55 th Street to College Avenue	15%
G-1	Northbound College Avenue to eastbound I-8	12%