

Table 1.0

2016 MITIGATION MONITORING PROGRAM

2015 Facilities Master Plan Update (FMPU) and Physical Education Projects (PEP) Final SEIR SCH 2002041161 – Appendix L1

CEQA Guidelines Section 15097

October 10, 2016

*Notes: Includes all mitigation measures in 2012 MMP w/revisions and additions for 2015 FMPU
Titles revised to conform to revised CEQA Checklist, Office of Planning and Research (OPR), August 2016
All prior indices for mitigation measures have been changed*

ABBREVIATIONS			
ACBM	American Center for Biological Medicine	IES	Illuminating Engineering Society
ADA	Americans with Disabilities Act	LACoFD	Los Angeles County Fire Department
AS	Associated Students	LACSD	Los Angeles County Sanitation Districts
ASF	Assignable Square Feet	LASD	Los Angeles County Sheriff's Department
BACM	Best Available Control Measures	Lmax	Maximum Sound Level
BACT	Best Available Control Technology	LOC	Local Organizing Committee
CAC	California Administrative Code	Metro	Los Angeles County Metropolitan Transportation Authority
CalEPA	California Environmental Protection Agency	MMP	Mitigation Monitoring Program
CALGreen	California Green Building Standards Code	MOU	Memorandum of Understanding
Cal-IPC	California Invasive Plant Council	NB	Northbound
Cal/OSHA	California Division of Occupational Safety and Health	NAHC	California Native American Heritage Commission
Caltrans	California Department of Transportation	NCAA	National Collegiate Athletic Association
CARB	California Air Resources Board	NPDES	National Pollutant Discharge Elimination System
CBC	California Building Code	OHP	California Office of Historic Preservation
CBW	California Black Walnut (trees)	OPR	California Office of Planning and Research
CDFW	California Department of Fish and Wildlife	OSHPD	California Office of Statewide Health Planning and Development
CEC	California Energy Commission	OTFT	Olympic Track and Field Trials
CEQA	California Environmental Quality Act	PEP	Physical Education Projects (Phase 1, 2)
CMPCT	Campus Master Plan Coordinating Team	PPV	Peak Particle Velocity
CNDBB	California Natural Diversity Database	PRC	California Public Resources Code
cy	Cubic Yards	ROW	Right-of-way
dB or dBA	Decibel	RWQCB	Regional Water Quality Control Board
District	Mt. San Antonio Community College District	SCAB	South Coast Air Basin of California
DPH	Los Angeles County Department of Public Health	SCAG	Southern California Association of Governments
DPR	Department of Parks and Recreation	SCAQMD	South Coast Air Quality Management District
DSA	Division of the State Architect	SCCIC	South Central Coast Information Center
EB	Eastbound	SEIR	Subsequent Environmental Impact Report
EIR	Environmental Impact Report	SHGC	Solar Heat Gain Coefficient
EPA	Environmental Protection Agency	SoCalGas	Southern California Gas Company
fc	Foot-candle(s)	SOI	Secretary of the Interior
FMP	Facility or Facilities Master Plan	SRI	Solar Reflectance Index
FMPU	Facility or Facilities Master Plan Update	SWPPP	Stormwater Pollution Prevention Plan
GHG	Greenhouse Gas(es)	THP	Truck Haul Plan
g/l	Gram per Liter	TVMWD	Three Valleys Municipal Water District
HABS	Historic American Buildings Survey	UIMP	Utility or Utilities Infrastructure Master Plan
HH	Heritage Hall	VOC	Volatile Organic Compound
hp	Horsepower	WQMP	Water Quality Management Plan

Mitigation Measures	Monitoring Action	Department Responsible
1. Aesthetics		
<p>AES-01. All athletic field lighting [excluding the PEP (Phase 1, 2)] must employ automatic shutoff devices to monitor that facilities are not illuminated unless desired. Lighting levels and design shall comply with the recommendations of the Illuminating Engineers Society's <i>Sports and Recreational Area Lighting (IES RP-6-01)</i> standards for site-specific athletic facilities. Facilities Planning & Management shall ensure compliance.</p>	<p>Assure light and glare is minimized outside of the athletic fields.</p>	<p>Facilities Planning & Management</p>
<p>AES-02. All new construction contracts shall implement those provisions of the latest Landscape Master Plan applicable to their projects. Facilities Planning & Management shall ensure compliance.</p>	<p>Assuring the campus landscaping plans and guidelines are implemented.</p>	<p>Facilities Planning & Management</p>
<p>AES-03. Hilmer Lodge Stadium (Measure RR Project D6) lighting fixtures shall be designed, located, installed, aimed downward or toward structures and maintained in good order to prevent glare, light trespass and light pollution off-site. Lighting fixtures shall be mounted, aimed and shielded so that their beams fall within the primary playing area and their immediate surroundings, and so that no significant off-site light trespass is produced. Stadium Lighting (Measure RR Project D6) shall adhere to National Collegiate Athletic Association (NCAA) Lighting Standards, the Flex Field (Measure RR Project D5) to 50 FC/2:1 Uniformity and the Practice Field (Measure RR Project D5) to 20 FC/2:1 Uniformity (Draft SEIR Table 3.8.20). The Stadium sports lighting shall be turned off as soon as possible following the end of the event when players and spectators are leaving the Stadium. Where feasible, a low-level lighting system shall be used to facilitate spectators leaving the facility, cleanup, nighttime maintenance and other closing activities. Facilities Planning & Management shall ensure compliance.</p>	<p>Assure light and glare is minimized outside of the athletic fields.</p>	<p>Facilities Planning & Management</p>
<p>AES-04. The lighting and programming for the soccer fields south of the Observatory (Building 60) shall be reviewed to determine if light and glare can be reduced for observatory activities on the first Friday of each month for public viewing and on Tuesday and Wednesday nights for student research activities. Facilities Planning & Management shall ensure compliance.</p>	<p>Minimizing conflicts with observatory activities and soccer field lighting.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
1. Aesthetics (continued)		
<p>AES-05. Exterior building materials, colors and signage shall be reviewed by the Campus Master Plan Coordinating Team (CMPCT). All construction contracts shall specify these items and implement CMPCT final recommendations. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for consistency between projects and the local built environment.</p>	<p>Facilities Planning & Management</p>
<p>AES-06. All future projects included in the 2015 FMPU that are located near the perimeter of the campus shall conform to the Campus Perimeter Night Lighting Guidelines (Table 3.7.12 in Draft SEIR). The Guidelines do not supersede California Building Code (CBC) Section 1205.6: Light pollution reduction, the California Administrative Code (CAC) Section 10-114: Determination of outdoor lighting zones and administrative rules for use or the Illuminating Engineering Society (IES) G-1-03: <i>Guideline on Security Lighting for People, Property and Public Spaces</i> for parking and sidewalks/walkway security illumination levels. Facilities Planning and Management shall ensure compliance.</p>	<p>Project compliance to reduce light or glare impacts off-campus.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
2. Air Quality		
<p>AQ-01. All contractors shall comply with all feasible Best Available Control Measures (BACM) included in South Coast Air Quality Management District (SCAQMD) Rule 403: Fugitive Dust included in Table 1: Best Available Control Measures Applicable to All Construction Activity Sources. In addition, the project shall comply with at least one of the following Track-Out Control Options: (a) Install a pad consisting of washed gravel (minimum-size: one inch) maintained in a clean condition to a depth of at least six inches and extending at least 20 feet wide and 50 feet long, (b) Pave the surface extending at least 100 feet and a width of at least 20 feet wide, (c) Utilize a wheel shaker/wheel spreading device consisting of raised dividers (rails, pipe, or grates) at least 24 feet long and 10 feet wide to remove bulk material from tires and vehicle undercarriages before vehicles exit the site, (d) Install and utilize a wheel washing system to remove bulk material from tires and vehicle undercarriages before vehicles exit the site, (e) Any other control measures approved by the Executive Officer and the U.S. EPA as equivalent to the methods specified items (a) through (d) above. Individual BACM in Table 1 that are not applicable to the project or infeasible, based on additional new project information, may be omitted only if Facilities Planning & Management specifies in a written agreement with the applicant that specific BACM measures may be omitted. Any clarifications, additions, selections of alternative measures, or specificity required to implement the required BACM for the project shall be included in the written agreement. The written agreement shall be completed prior to demolition and/or grading for the project. Facilities Planning & Management shall include the written agreement within the Mitigation Monitoring Program (MMP) for the project and Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with Rule 403 to reduce air quality emissions.</p>	<p>Facilities Planning & Management Purchasing</p>

Mitigation Measures	Monitoring Action	Department Responsible
2. Air Quality (continued)		
<p>AQ-02. Project construction contracts shall prohibit off-road vehicle and engine idling in excess of five (5) minutes and monitor that all off-road equipment is compliant with the California Air Resources Board's (CARB) in-use off-road diesel vehicle regulations and SCAQMD Rule 1186 and 1186.1 certified street sweepers or roadway washing trucks, and all internal combustion engines/construction equipment operating on the project site shall meet Environmental Protection Agency (EPA) Certified Tier 2 emissions standards, or higher according to the adopted project start date requirements. A copy of each unit's certified tier specification, Best Available Control Technology (BACT) documentation and CARB or SCAQMD operating permit shall be provided to the construction manager at the time of mobilization of each applicable unit of equipment. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with CARB and EPA regulations to reduce air quality emissions.</p>	<p>Purchasing Facilities Planning & Management</p>
<p>AQ-03. During construction, contractors shall minimize off-site air quality impacts by implementing the following measures: (a) encourage carpooling for construction workers, (b) limit lane closures to off-peak travel periods, (c) park construction vehicles off traveled roadways, (d) encourage receipt of materials during non-peak traffic hours and (e) sandbag construction sites for erosion control. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with recommendations to reduce air quality emissions.</p>	<p>Purchasing Facilities Planning & Management</p>
<p>AQ-04. Truck deliveries and pickups shall be scheduled during off-peak hours whenever possible to alleviate traffic congestion and air quality emissions during peak hours. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with recommendations to reduce vehicle trips during peak hours.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
2. Air Quality (continued)		
<p>AQ-05. During project construction, all off-road diesel-powered construction equipment greater than 50 hp shall meet the EPA-Certified Tier 4 emission standards where available. All construction equipment shall be outfitted with BACT devices certified by CARB. Any emission control devices used by a contractor shall achieve emissions reductions that are no less than what could be achieved by a Level 3 diesel emissions control strategy for a similarly sized engine as defined by CARB regulations. A copy of each unit's certified tier specification, BACT documentation and CARB or SCAQMD operating permit shall be provided by contractors before commencement of equipment use on campus. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with EPA and CARB regulations to reduce diesel particulate emissions.</p>	<p>Facilities Planning & Management</p>
<p>AQ-06. Construction contracts shall specify that all diesel construction equipment used onsite shall use ultra-low sulfur diesel fuel. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with recommendations to reduce diesel engine air quality emissions.</p>	<p>Facilities Planning & Management Purchasing</p>
<p>AQ-07. During grading and construction, fugitive dust from construction operations shall be reduced by watering at least twice daily using reclaimed water or chemical soil binder, where feasible, or water whenever substantial dust generation is evident. Grading sites of more than ten gross acres shall be watered at least three times daily. The project shall comply with Rule 403: Fugitive Dust (South Coast Air Quality Management District). Project contractors shall suspend grading operations, apply soil binders, and water the grading site when wind speeds (as instantaneous gusts) exceed 25 miles per hour. Traffic speeds on all unpaved graded surfaces shall not exceed 15 miles per hour. All grading operations shall be suspended during first and second stage smog alerts. All project contracts shall require project contractors to keep construction equipment engines tuned to monitor that air quality impacts generated by construction activities are minimized. Upon request, contractors shall submit equipment tuning logs to Facilities Planning & Management. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with SCAQMD regulations to reduce particulate emissions.</p>	<p>Facilities Planning & Management Purchasing</p>
<p>AQ-08. To reduce volatile organic compound (VOC) emissions, all construction contracts shall limit painting to eight hours per day and specify the use of paints and coatings with a VOC content of 80 grams per liter (g/l) or less. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with SCAQMD regulations to reduce VOC/ROG particulate emissions.</p>	<p>Facilities Planning & Management Purchasing</p>

Mitigation Measures	Monitoring Action	Department Responsible
2. Air Quality (continued)		
<p>AQ-09. All off-road diesel-powered construction equipment greater than 50 hp (e.g. excavators, graders, dozers, scrappers, tractors, loaders, etc.) used during construction of PEP (Phase 1) shall comply with EPA-Certified Tier IV emission controls where available. The requirements shall be placed in construction contracts. Facilities Planning & Management and Purchasing shall ensure compliance.</p>	<p>Ongoing compliance with SCAQMD regulations for construction NOx emissions.</p>	<p>Facilities Planning & Management Purchasing</p>
<p>AQ-10. The College shall obtain all required permits for the Fire Training Academy from the South Coast Air Quality Management District (SCAQMD). The Fire Technology Program and Technology and Health Division shall ensure compliance.</p>	<p>Compliance with SCAQMD permits for operation of fire suppression activities at the Training Academy.</p>	<p>Fire Technology Program and Technology and Health Division</p>
3. Biological Resources		
<p>BIO-01. New permanent lighting standards in Parking Lot M and Lot W immediately adjacent to sensitive biological habitat areas (i.e. Wildlife Sanctuary/Open Space Zone) shall not exceed 0.2 foot-candles (fc) at five (5) feet outside of the parking lot boundary. Facilities Planning & Management shall ensure compliance.</p>	<p>Minimize light intrusion in open space areas.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
3. Biological Resources (continued)		
<p>BIO-02. A pre-construction survey for Burrowing Owls shall be completed for construction areas with suitable habitat for the Burrowing Owl (e.g. Irrigation Well site, the Detention Basin site, and the Fire Training Academy site). If clearing, grading, or construction is planned to occur during the raptor and migratory bird breeding season (February 1 through July 31) or the burrowing owl breeding season (February 1 through August 31), pre-construction surveys should be conducted in the construction area and in appropriate nesting habitat within 500 feet of the construction area. A pre-construction nest/owl survey should be completed for each project or work area within 14 days prior to the start of construction. Multiple pre-construction surveys may be required because the start of specific projects may be separated in time by months or years. If there are no nesting owls, raptors or protected birds within each area, development would be allowed to proceed. However, if raptors or migratory birds are observed nesting within this area and within sight or sound of the work, development within 300 feet must be postponed either until all nesting has ceased, until after the breeding season, or until construction is moved far away enough so that the activity does not impact the birds. If burrowing owls are observed, impacts shall be avoided according to the <i>Staff Report on Burrowing Owl Mitigation</i> (CDFW 2012). All recommendations of the final studies shall be implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CDFW regulations for rare and sensitive biological resources.</p>	<p>Facilities Planning & Management</p>
<p>BIO-03. Prior to grading within areas of Venturan Coastal Sage Scrub, the College shall identify replacement 2:1 acreage. Replacement habitat shall be completed prior to project completion. Planning & Facilities Management shall ensure compliance.</p>	<p>Project compliance with CDFW regulations for rare and sensitive biological resources.</p>	<p>Facilities Planning & Management</p>
<p>BIO-04. Prior to grading within areas of non-native grassland, the College shall identify replacement 0.5:1 acreage habitat. Replacement habitat shall be completed prior to project completion. Planning & Facilities Management shall ensure compliance.</p>	<p>Project compliance with CDFW regulations for rare and sensitive biological resources.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
3. Biological Resources (continued)		
<p>BIO-05 The College shall adopt a Land Management Plan to minimize impacts on California Black Walnut trees on campus. Any walnut trees with a diameter of six inches four feet above ground damaged or removed by construction activities shall be replaced according to the standards in Table 4 of the <i>Mt. SAC California Black Walnut Management Plan</i> (Helix Environmental Planning, September 2012). Replacement habitat shall be completed prior to project completion. The required mitigation acreage for replacement black walnut trees is 2.018 acres. The replacement specimens shall be preserved, maintained and monitored for a period of five years to monitor vitality. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CDFW regulations for rare and sensitive biological resources. Provides conservation area for replacement of California Black Walnut trees removed elsewhere on campus.</p>	<p>Facilities Planning & Management</p>
<p>BIO-06. Prior to removal of any trees on campus in or near construction areas of the 2015 FMPU during March–May, a qualified biologist shall survey the trees for active nesting sites. All recommendations of the final biological report shall be completed. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CDFW regulations for rare and sensitive biological resources.</p>	<p>Facilities Planning & Management</p>
<p>BIO-07. If construction is planned during February 1–July 31 in potential raptor nesting habitat, pre-construction surveys of habitat within 500 feet of the construction area shall be completed. All recommendations of the final report shall be implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CDFW and Bird Migration Act regulations for rare and sensitive biological resources.</p>	<p>Facilities Planning & Management</p>
<p>BIO-08. Permanent development adjacent to any future wetland mitigation areas shall incorporate a 100 foot buffer during final project design. If un-vegetated, the buffer shall be planted with non-invasive species that are compatible with the adjacent wetland mitigation area habitat. A qualified biologist shall review the final landscape plans for the buffer area to confirm that no species on the California Invasive Plant Council (Cal-IPC) list are present in the plan. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance to reduce impacts on wetland habitat areas.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
3. Biological Resources (continued)		
<p>BIO-09. The limits of construction for projects adjacent to sensitive habitats should be delineated with silt fencing/fiber rolls and orange construction fencing. A qualified biologist should attend a pre-construction meeting to inform construction crews about the sensitivity of any adjacent habitat. A qualified biologist should also inspect the fencing upon installation and monitor clearing and grading of (and near) native habitat to prevent unauthorized impacts. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance to reduce intrusion of construction equipment into sensitive adjacent habitats.</p>	<p>Facilities Planning & Management</p>
<p>BIO-10. Impacts to California Black Walnut trees, if they cannot be avoided, should be mitigated by the replacement of each impacted tree that has a diameter of 6 inches at 4 feet-6 inches above the ground by a 24-inch boxed specimen (Draft SEIR Appendix G1: <i>Mt. San Antonio College 2015 Facilities Master Plan Update Biological Technical Report</i> dated April 14, 2016: Table 5). These trees should be planted in the approved California Black Walnut Management Plan area and preserved, maintained and monitored for five years to monitor viability. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with impacts on California Black Walnut trees.</p>	<p>Facilities Planning & Management</p>
<p>BIO-11. A 25-foot buffer shall be incorporated into the project design for the Fire Training Academy to protect future wetland mitigation areas along Snow Creek. A qualified biologist shall also review the draft landscape plans for the buffer area to confirm that no species on the Cal-IPC list would be present during plan implementation. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with efforts to reduce impacts on native habitat and sensitive bird species.</p>	<p>Facilities Planning & Management</p>
<p>BIO-12. When a preliminary site plan for the Fire Training Academy is available, the College shall have a qualified noise consultant evaluate the potential construction and operational noise impacts of the Fire Training Academy on threatened and special status birds in the adjacent Venturan Coastal Sage Scrub on MSAC Hill and riparian habitat along Snow Creek. The study shall also assess any noise impacts on residential uses to the south. All recommended mitigation measures of the final report shall be implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with efforts to reduce impacts on a threatened or special status bird species.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
3. Biological Resources (continued)		
<p>BIO-13. Construction noise adjacent to existing Venturan Coastal Sage Scrub habitat within the West Parcel and on MSAC Hill that is retained (i.e. not graded) will be minimized whenever feasible by avoiding construction grading during the prime nesting season. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with efforts to reduce impacts on a threatened or special status bird species.</p>	<p>Facilities Planning & Management</p>
<p>BIO-14. The College shall file information and exhibits on the animal and plants observed on campus completed for the Final EIR with the California Natural Diversity Database (CNDDDB) within six months of certification of the Final EIR. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with CDFW request for filing information with CNDDDB.</p>	<p>Facilities Planning & Management</p>
<p>BIO-15. The College shall file a written notification with CDFW pursuant to Section 1602 for the proposed re-configuration of the detention basin northeast of the Hilmer Lodge Stadium by November 1, 2016. Facilities Planning & Management shall ensure compliance.</p>	<p>Compliance with CDFW request for filing a Notification pursuant to Section 1602 for the re-configured detention basin.</p>	<p>Facilities Planning & Management</p>
4. Cultural Resources		
<p>CR-01. During construction grading and site preparation activities, the contractor shall monitor all construction activities. In the event that cultural resources (i.e., prehistoric sites, historic sites and/or isolated artifacts) are discovered, work shall be halted immediately within 50 feet of the discovery and the contractor shall inform the project manager. A qualified archaeologist that meets the Secretary of the Interior's Standards (SOI) and Guidelines for Professional Qualifications in Archaeology shall be retained to analyze the significance of the discovery and recommend further appropriate measures to reduce further impacts on archaeological resources. Such measures may include avoidance, preservation in place, excavation, documentation, curation, data recovery or other appropriate measures. Facilities Planning & Management shall ensure compliance.</p>	<p>Actions if cultural resources are discovered during grading.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
4. Cultural Resources (continued)		
<p>CR-02. If, during the course of implementing the project, human remains are discovered, all work shall be halted immediately within 50 feet of the discovery, the contractor shall inform the project manager, and the Los Angeles County Department of Medical Examiner-Coroner must be notified according to Section 5097.98 of the California Public Resources Code (PRC) and Section 7050.5 of the California Health and Safety Code. If the remains are determined to be Native American, the coroner will notify the Native American Heritage Commission (NAHC), and the procedures outlined in CEQA Section 15064.5(d) and (e) shall be followed. Facilities Planning & Management shall ensure compliance.</p>	<p>Actions if human remains are discovered during grading.</p>	<p>Facilities Planning & Management</p>
<p>CR-03. The recommended action for the adverse impact on historic resources and on the Mt. SAC Historic District due to buildout of the 2015 FMPU and the PEP is revision of the Land Use Plan to avoid demolition of a CEQA historic resource. An evaluation of feasible options shall be prepared for the Campus Master Plan Coordinating Team (CMPCT) prior to certification of the Final EIR. The College shall evaluate whether the impacts on 3CD or 3CB buildings proposed for removal or demolition in the recommended Historic District may be reduced to Less than Significant. The alternatives to be considered include: (1) Redesign of the 2015 FMPU to avoid impacting the 3CD or 3CB buildings, (2) Redesign of the 2015 FMPU to reduce the project impacts on 3CD or 3CB buildings to Less than Significant, (3) Redesign of phases of the project to reduce impacts on 3CD or 3CB buildings to Less than Significant as more detailed planning for each phase comes up for review before CMPCT, and (4) Evaluation of adaptive reuses of 3CD or 3CB buildings prior to construction. Facilities Planning & Management shall ensure compliance.</p>	<p>Assuring future projects have been assessed for cultural resource impacts</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
4. Cultural Resources (continued)		
<p>CR-04. If project redesign is not feasible to achieve the Project and College's educational goals and facility needs, the following mitigation shall be implemented to reduce the significant impacts on historical resources: (a) Historic American Buildings Survey (HABS) Level II History Report for the (1) Mt. SAC Historic District and for (2) Hilmer Lodge Stadium consistent with the <i>Historic American Buildings Survey Guidelines for Historical Reports</i> (National Park Service 2007); (b) HABS Level II Standard Photography following the <i>Secretary of Interior Standards and Guidelines for Architectural and Engineering Documentation</i> and HABS specific guidelines for the Mt. SAC Historic District and Hilmer Lodge Stadium; (c) Reproduction of select existing drawings for each building proposed for demolition or alteration following HABS Level II guidelines; (d) Creation of an interpretative exhibit within Heritage Hall (HH) including not only the history of Hilmer Lodge Stadium, but the entire Historic District as well, and (e) Development of a "Mt. SAC History" section on the campus website. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CEQA regulations and California Office of Historic Preservation (OHP) guidelines for historic resources.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
4. Cultural Resources (continued)		
<p>CR-05. Prior to demolition, removal, or remodeling of any 3CD or 3CB building on campus, the College shall enlist the services of a qualified architectural historian to prepare the HABS Narrative Historical Report as well as California Department of Parks and Recreation (DPR) 523 forms. Documentation through HABS is an important measure because it allows documentation of the resource before alterations begin. Given the relative historic significance of the resources, Level II HABS is the recommended documentation standard, to be prepared in accordance with the <i>Secretary of Interior Standards and Guidelines for Architectural and Engineering Documentation</i> and HABS specific guidelines (http://www.nps.gov/hdp/standards/habsguidelines.htm). A narrative historical report following the <i>Historic American Buildings Survey Guidelines for Historical Reports</i> (National Park Service 2007) should be prepared for the (1) Mt. SAC Historic District and (2) Hilmer Lodge Stadium. The College shall enlist the services of a qualified architectural historian to prepare the HABS Narrative Historical Report as well as California Department of Parks and Recreation (DPR) 523 forms. The DPR forms shall be submitted to the California Office of Historic Preservation (OHP) [via the South Central Coast Information Center (SCCIC)] for their records. All other historic documents shall be made available to the public in the collection of the College's Library/Learning Technology Center, including: the HABS Narrative Historical Report, DPR 523 forms, the <i>Historic Resources on the Campus of Mt. San Antonio College, Walnut, California</i> (The Building Biographer, June 1, 2003) and <i>The Historical Resources Analysis for Five Buildings at Mount San Antonio College, Los Angeles County, Walnut, California</i> (Davis 2012), and a copy of this report. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CEQA regulations and California Office of Historic Preservation (OHP) guidelines for historic resources.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
4. Cultural Resources (continued)		
<p>CR-06. Prior to demolition, removal or remodeling of any 3CD or 3CB building, the College shall hire a qualified HABS photographer to provide photo-documentation for the properties on campus identified as 3CD or 3CB which are proposed for removal or demolition in the 2012 FMP or 2015 FMPU. The photo-documentation shall be made available to the public in the collection of the College's Library/Learning Technology Center. The documentation should be done in accordance with the Guidelines provided in the <i>Photographic Specifications: Historic American Building Survey, Historic American Engineering Record, Division of National Register Programs, National Park Service, Western Region</i>. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CEQA regulations and California Office of Historic Preservation (OHP) guidelines for historic resources.</p>	<p>Facilities Planning & Management</p>
<p>CR-07. Prior to demolition, removal or remodeling of any 3CD or 3CB building, the College shall prepare archivally stable reproductions of original as-built drawings. Reproductions of drawings shall be done in accordance with the <i>Secretary of the Interior's Guidelines for Architectural and Engineering Documentation</i>. Select existing drawings, where available, may be photographed with large-format negatives or photographically reproduced on Mylar in accordance with the U.S. Copyright Act, as amended. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CEQA regulations and California Office of Historic Preservation (OHP) guidelines for historic resources.</p>	<p>Facilities Planning & Management</p>
<p>CR-08. To recognize the history of Mt. SAC, part of the facilities for the new Physical Education Projects (PEP) (Phase 1) will include Heritage Hall, an area dedicated to historical interpretation of the history of Hilmer Lodge Stadium and the College. The interpretative panels could utilize information from the HABS Level II Narrative Historical Report and large-format photographic documentation. Facilities Planning & Management shall ensure compliance.</p>	<p>Preserve and honor Mt. SAC's history.</p>	<p>Facilities Planning & Management</p>
<p>CR-09. To further recognition of the history of Mt. SAC, a page or series of pages should be developed for inclusion on the College's website. This project could be completed as a multi-disciplinary project, prepared by students in the Technology and History departments utilizing the information from the HABS Level II Narrative Historical Report and large-format photographic documentation. Facilities Planning & Management shall ensure compliance.</p>	<p>Preserve and honor Mt. SAC's history.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
4. Cultural Resources (continued)		
<p>CR-10. An architectural historian or historical architect meeting the Secretary of the Interior's (SOI) Professional Qualification Standards for either discipline shall review the proposed architectural drawings and renderings of the Library/Learning Technology Center (6), Bookstore/Auxiliary Services (9A) and Technology Center (28 A/B) to monitor compliance with the SOI Standards for the Treatment of Historic Properties. The person should be consulted during the early design of the renovation projects to monitor adherence to the Standards and to minimize plan alternations during the design process. Facilities Planning & Management shall ensure compliance.</p>	<p>Project compliance with CEQA regulations and SOI's guidelines for Treatment of Historic Properties.</p>	<p>Facilities Planning & Management</p>
5. Energy		
<p>EN-01. An energy management system shall be installed in all new facilities to reduce energy consumption and related pollutant emissions. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with recommendations to reduce energy and air quality emissions.</p>	<p>Facilities Planning & Management</p>
6. Greenhouse Gas Emissions		
<p>GH-01. Future buildings exceeding 20,000 ASF shall have building roof coverings with a minimum three-year aged solar reflectance and thermal emittance, or a minimum solar reflectance index (SRI) greater than or equal to the values specified in Sections A5.106.11.2.1 and A5 106.11.2.2 or a minimum aged Solar Reflectance Index (SRI) 3 complying with Sections A5.106.11.2.3 as shown in Table A5.106.11.2.1 or A5.106.11.2.2 in Appendix A5 for Non-Residential Voluntary Measures in the 2013, or more current version of, California Green Building Standards Code (CALGreen). Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with CALGreen regulations to reduce cumulative greenhouse gas (GHG) emissions in the South Coast Air Basin of California (SCAB).</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
6. Greenhouse Gas Emissions (continued)		
<p>GH-02. Future buildings exceeding 20,000 ASF shall include occupant sensors, motion sensors and vacancy sensors capable of automatically turning off all the lights in an area no more than 30 minutes after the area has been vacated and shall have a visible status signal indicating that the device is operating properly or that it has failed or malfunctioned. The visible status signal may have an override switch that turns the signal off. In addition, ultrasonic and microwave devices shall have a built-in mechanism that allows the calibration of the sensitivity of the device to room movement in order to reduce the false sensing of occupants and shall comply with either Subsection A5.209.1.4.1 or A5.209.1.4.2 as applicable. These measures are included in Appendix A5 for Non-Residential Voluntary Measures in the 2013, or more current version of, California Green Building Standards Code (CALGreen). Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with CALGreen regulations to reduce cumulative GHG emissions in the SCAB.</p>	<p>Facilities Planning & Management</p>
<p>GH-03. Future buildings exceeding 20,000 ASF shall include installation of field-fabricated fenestration (i.e. windows) and field-fabricated exterior doors only if the compliance documentation demonstrates compliance for the installation using U-factors from Table A5.205.1-A and Solar Heat Gain Coefficient (SHGC) values from Table A5.205.1-B included in Appendix A5 for Non-Residential Voluntary Measures in the 2013, or more current version of, California Green Building Standards Code (CALGreen). Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with CALGreen regulations to reduce cumulative GHG emissions in the SCAB.</p>	<p>Facilities Planning & Management</p>
<p>GH-04. Future buildings exceeding 70,000 ASF shall either have an energy efficiency of 30 percent above Title 24, Part 6 [e.g. exceed California Energy Commission (CEC) requirements] (Performance Approach), based on the 2008 Energy Efficiency Standards by 30 percent and meet the requirements of Division A45.6 or exceed the latest edition of "Savings by Design, Healthcare Modeling Procedures" by 15 percent, in accordance with Section A.5.203.1.2 CALGreen Tier 2 [Office of Statewide Health Planning and Development (OSHPD)], as listed in Appendix A5 for Non-Residential Voluntary Measures in the 2013, or more current version of, California Green Building Standards Code (CALGreen). Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with CALGreen regulations to reduce cumulative GHG emissions in the SCAB.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
7. Hazards & Hazardous Materials		
<p>HAZ-01. Prior to demolition or remodeling, onsite inspection and sampling in all buildings included in the 2015 FMPU for renovation or demolition shall be completed by a qualified Occupational Safety and Health Administration (OSHA) professional for asbestos contaminated building materials and the presence of lead-based paint. All final recommendations of the final approved report(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with OSHA and SCAQMD regulations for American Center for Biological Medicine (ACBM) materials or lead-based paint hazards.</p>	<p>Facilities Planning & Management</p>
<p>HAZ-02. All building plans for laboratories on campus shall be reviewed by the Division of the State Architect (DSA), the State Fire Marshall and the Los Angeles County Fire Department (LACoFD) (Fire Prevention-Engineering Unit) for fire and hazard safety. All final recommendations of the final approved plan(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with DSA regulations for fire and hazard safety in campus laboratories.</p>	<p>Facilities Planning & Management</p>
<p>HAZ-03. Prior to construction, all proposed storage areas onsite of potential hazardous chemicals and materials and operational plans shall be reviewed by the LACoFD. All recommendations of the final approved plans shall be included in construction documents, if applicable, and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing compliance with LACoFD regulations for storage of potential hazardous chemicals and materials on campus.</p>	<p>Facilities Planning & Management</p>
<p>HAZ-04. All materials generated onsite for the Fire Training Academy that are classified as hazardous by state regulations shall be disposed of consistent with OSHA, CalEPA and the Los Angeles County Department of Public Health (DPH). The Fire Technology Program and the Technology and Health Division shall ensure compliance.</p>	<p>Compliance with OSHA, CalEPA and DPH requirements for operation of fire suppression activities at the Fire Training Academy.</p>	<p>Fire Technology Program and Technology and Health Division</p>
8. Hydrology/Water Quality		
<p>HYD-01. Future development occurring for buildout of the 2015 FMPU shall install the drainage facilities required by the 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) and <i>Figure 2d – Proposed Utility Map – Hydrology Distribution</i>, as modified by the <i>Campuswide Stormwater Analysis</i> prepared by Psomas and dated September 1, 2016 prior to occupancy. Facilities Planning & Management shall ensure compliance.</p>	<p>Providing adequate drainage facilities for all future development on campus.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
8. Hydrology/Water Quality (continued)		
<p>HYD-02. The Master Campus Drainage Plan shall be updated prior to commencement of grading for the Fire Training Academy and Physical Education Projects (Phase 1,2). The Drainage Plan shall comply with the <i>State of California National Pollutant Discharge Elimination System (NPDES) Construction Activities Storm Water Discharge Permit (Construction Permit)</i> regulations. When construction activities on campus constitute acreage at or above the threshold acreage, the College shall prepare a Stormwater Pollution Prevention Plan (SWPPP) and a Monitoring Program for the 2015 FMPU. All recommendations of the final drainage plan(s) approved by the Division of the State Architect (DSA) shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provisions for compliance with Water Quality Management Plans (WQMP).</p>	<p>Facilities Planning & Management</p>
<p>HYD-03. All drainage improvements shall be consistent with the current Master Campus Drainage Plan. All recommendations of the approved final drainage plan(s) shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provisions for compliance with campus drainage plans.</p>	<p>Facilities Planning & Management</p>
<p>HYD-04. Prior to excavation onsite for which the preliminary soils/geology report indicated groundwater may be encountered; any required permit for de-watering shall be obtained from the Los Angeles Regional Water Quality Control Board (RWQCB). If effluent concentrations exceed permit requirements, a carbon treatment system or equivalent system to remove pollutants shall be utilized prior to discharge. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provisions for compliance with RWQCB regulations.</p>	<p>Facilities Planning & Management</p>
<p>HYD-05. 21b. The College shall obtain all required permits for the Fire Training Academy from the RWQCB. Facilities Planning & Management and the Fire Technology Program shall ensure compliance.</p>	<p>Compliance with RWQCB permits for wastewater disposal for Fire Training Academy fire suppression activities.</p>	<p>Facilities Planning & Management Fire Technology Program</p>
9. Land Use/Planning		
<p>LU-01. All future land uses on campus, building locations and assignable square footage (ASF) shall be substantially consistent with the 2015 FMPU. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing review of consistency between individual projects and 2015 FMPU</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
9. Land Use/Planning (continued)		
<p>LU-02. The following master plan elements shall be revised to conform to the 2015 FMPU: (1) Land Use Plan, (2) Conservation Plan, (3) Circulation and Parking Plan. Facilities Planning & Management shall ensure compliance.</p>	<p>Assuring consistency between the 2015 FMPU Land Use Plan and other elements.</p>	<p>Facilities Planning & Management</p>
<p>LU-03. The City of Walnut should revise its General Plan designation for the Mt. SAC campus to Community College in its next General Plan Update and the Zoning District to Community College (or another applicable) zoning district so the General Plan and Zoning District are consistent. The Community Development Department of the City of Walnut shall ensure compliance.</p>	<p>Resolving inconsistencies between General Plan designations and campus land uses.</p>	<p>City of Walnut</p>
<p>LU-04. The Master Conservation Plan shall be revised to include approximately 25.6 acres of Habitat Mitigation Area for removal of existing California Black Walnut (CBW) trees, Venturan Coastal Sage Scrub and Non-Native Grassland habitats. Facilities Planning & Management shall ensure compliance.</p>	<p>The adopted Mt. San Antonio College <i>California Black Walnut Management Plan</i>, Helix Environmental Planning, Inc., September 21, 2012 defines the large 25.6 acres area and the smaller initial CBW replacement habit of 2.02 areas (Figure 4).</p>	<p>Facilities Planning & Management</p>
<p>LU-05. Prior to building construction for the Fire Training Academy, CMPCT shall review the Preliminary Landscaping Plan and a Preliminary Operation and Management Plan for the Fire Training Academy. Facilities Planning & Management shall ensure compliance.</p>	<p>CMPCT oversight of the preliminary plans for the Fire Training Academy.</p>	<p>Facilities Planning & Management</p>
<p>LU-06. Programming for the Auditorium should establish if an adjacent Parking Structure is desirable in Lot B within six months of certification of the Final EIR. A site-specific study is required for the Auditorium and/or an adjacent parking structure. Facilities Planning & Management shall ensure compliance.</p>	<p>Explore advanced planning needs for an additional parking structure near the Auditorium.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
10. Noise		
<p>NO-01. All construction activities, except in emergencies or special circumstances, shall be limited to the hours of 7 am to 7 pm Monday–Saturday. Staging areas for construction shall be located away from existing off-site residences. All construction equipment shall use properly operating mufflers. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing of limitation on construction hours to reduce construction noise impacts on adjacent areas.</p>	<p>Facilities Planning & Management</p>
<p>NO-02. Loudspeaker and other public address systems on campus shall be located and adjusted to register no more than 70 dB Lmax at the nearest off-site residences. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing restriction of loudspeaker and public address system noise levels to minimize noise impacts on adjacent areas.</p>	<p>Facilities Planning & Management</p>
<p>NO-03. Weekend special events within any athletic field areas such as tournaments, day-long meets, etc. shall be planned to not begin before 7 am on Saturday or 8 am on Sunday. Event Services shall ensure compliance.</p>	<p>Ongoing restriction of event hours to minimize early morning noise impacts on adjacent areas.</p>	<p>Event Services</p>
<p>NO-04. Concrete pouring for Parking Structure J shall be located as far away from residences as possible. Concrete trucks shall use Bonita Drive and Walnut Drive for access. Construction of Parking Structure J is limited to the hours of 7 am to 7 pm Monday–Saturday. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing limitations on location of concrete pouring to minimize noise impacts on adjacent off-site residential areas.</p>	<p>Facilities Planning & Management</p>
<p>NO-05. The College shall adopt policies and post signs in Parking Structure J indicating vehicles with alarms may be towed from parking areas if alarms sound for more than five minutes. The Mt. SAC Department of Police/Public Safety shall ensure compliance.</p>	<p>Ongoing restriction on vehicle alarms to minimize noise impacts on adjacent areas.</p>	<p>Department of Police/Public Safety</p>
<p>NO-06. Construction contracts shall specify that construction equipment vibration impacts with a peak particle velocity (PPV) of 0.04 inches per second or more occurring off-site in a sensitive receptor area shall not exceed 15 minutes in any one hour. Facilities Planning & Management shall ensure compliance.</p>	<p>Minimization of vibration off-site for sensitive receptors from construction equipment operations.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
11. Open Space, Managed Resources and Working Landscapes		
MR-01. All recommendations in the final geotechnical report(s) for projects included in the 2015 FMPU shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.	Ongoing requirements to assure public safety from seismic hazards.	Facilities Planning & Management
MR-02. During construction grading and site preparation activities, the contractor shall monitor all construction activities. In the event a paleontological find or a potential paleontological find is discovered, construction activities shall cease and the contractor shall inform the project manager. A qualified paleontologist shall be contacted to analyze the find and recommend further appropriate measures to reduce further impacts on paleontological resources. Facilities Planning & Management shall ensure compliance.	Ongoing during construction	Facilities Planning & Management
12. Population/Housing		
PH-01. Beginning January 2016, then in January 2020 and every five years after January 2020, projections of future campus employment shall be forwarded to the Southern California Association of Governments (SCAG). Human Resources shall ensure compliance.	Ongoing provision for employment projections for SCAG forecasts.	Human Resources
13. Public Services		
PS-01. The net increase in campus wastewater flows shall be projected whenever the Mt. SAC Utility Infrastructure Master Plan (UIMP) is updated based on a new campus FMP or FMPU, or within ten years of the last UIMP Update. The College shall obtain the required permits from the Consolidated Sanitation District of Los Angeles County (LACSD), and pay the required capital facilities fees for the net increase projected in the updated UIMP. Facilities Planning & Management shall ensure compliance.	Ongoing communication of campus circulation and parking conditions for Los Angeles County Sheriff's Department (LASD) vehicular response.	Facilities Planning & Management

Mitigation Measures	Monitoring Action	Department Responsible
13. Public Services (continued)		
<p>PS-02. The Mt. SAC Department of Police/Public Safety shall project their Department personnel and equipment needs to accommodate the student, staff and facility increases projected in the 2015 FMPU. The Personnel Plan shall provide for student, staff and visitor security upon buildout of the 2015 FMPU. (Expansions of the Code Blue Emergency Phone System and revisions to the assignment of evening escorts shall be included in the Plan). Department of Police/Public Safety shall ensure compliance.</p>	<p>Ongoing provision for maintaining safety for personnel and equipment to serve campus needs at buildout.</p>	<p>Department of Police/Public Safety</p>
<p>PS-03. Within six months of certification of the 2015 Final EIR, the Department of Police/Public Safety shall complete a security construction plan to address direct and indirect security needs for all construction activities on campus associated with the 2015 FMPU. The special public safety needs of buildings (i.e. demolition, new construction and remodeling), construction sites, transport of construction materials and equipment, construction parking and use of construction equipment shall be addressed. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for maintaining safety for personnel and equipment to serve campus needs during construction.</p>	<p>Facilities Planning & Management</p>
<p>PS-04. The Kinesiology, Athletics and Dance Division and the Mt. SAC Department of Police/Public Safety shall prepare a Security Plan for all new special events (i.e. does not include the 2020 Olympic Track & Field Trials) with a maximum daily attendance of 10,000 persons or more. The Security Plan shall be approved by the Board of Trustees a minimum of three (3) months prior to the event. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for maintaining safety for personnel and equipment for any future new special events. None are currently planned.</p>	<p>Kinesiology, Athletics and Dance Division Facilities Planning & Management</p>
<p>PS-05. The Kinesiology, Athletics and Dance Division and the Mt. SAC Department of Police/Public Safety shall prepare a Security Plan for the 2020 Olympic Track & Field Trials. The Security Plan shall be approved by the Board of Trustees a minimum of nine (9) months prior to the event. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for maintaining safety for guests, athletes, students, faculty, staff and volunteers during the event.</p>	<p>Kinesiology, Athletics and Dance Division Facilities Planning & Management</p>
14. Transportation		
<p>TR-01 to TR-14 are intersection improvements or ramp improvements required for buildout of the 2015 Facilities Master Plan Update (FMPU).</p>		

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-01. A second eastbound (EB) right-turn lane shall be added to the Grand Avenue and Cameron Avenue intersection. The City of Industry is the Lead Agency and the County of Los Angeles is an interested agency. The City of Industry shall ensure compliance.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-02. The College shall provide a minimum of 8,017 parking spaces by 2020 and a minimum of 8,716 spaces by 2025. The parking totals exclude the 50 on-street metered spaces along Temple Avenue. The 2025 student headcount projections and parking requirements shall be updated by January 1, 2020. Facilities Planning & Management shall ensure compliance.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-03. The EB right-turn lane at the Grand Avenue and Temple Avenue intersection shall be converted to a through/right-turn lane. The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-04. The signal phasing for the Grand Avenue and La Puente Road intersection shall be modified to include an EB right-turn overlap phase (i.e. a right-turn protected arrow). The City of Walnut shall ensure compliance.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-05. The EB approach shall be restriped to include a dedicated right-turn lane at the Temple Avenue and Mt. SAC Way intersection. The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-06. Additional improvements at the Temple Avenue and Valley Boulevard intersection are not feasible due to the right-of-way (ROW) constraints near the adjacent railroad line. Therefore, further improvements are not feasible. The City of Pomona is the Lead Agency.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>
<p>TR-07. When a site plan is completed, a site-specific analysis shall be completed for the Public Transportation Center. All recommendations of the traffic analysis shall be completed and the project coordinated with the College, the City of Walnut, Foothill Transit and, if required, the Los Angeles County Metropolitan Transportation Authority (Metro). Facilities Planning & Management shall ensure compliance.</p>	<p>Complete required traffic improvements by 2020</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-08. A third NB through-lane is required at the Grand Avenue and Mountaineer Road intersection. However, insufficient right-of-way (ROW) is available within the current curb width. Therefore, further improvements are not feasible. The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-09. The NB approach of the Grand Avenue and Baker Parkway intersection shall be restriped to include a third through-lane. However, this improvement would not fully mitigate the cumulative impact. The City of Industry is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-10. When the preliminary design of the pedestrian bridge on Temple Avenue east of Bonita Drive is available, it shall be reviewed by the Executive Board Officers of the Associated Students (AS) of Mt. SAC, by the Campus Master Plan Coordinating Team (CMPCT), by the City of Walnut, and the Division of the State Architect (DSA). All recommendations of a site-specific traffic analysis shall be implemented. The Lead Agency is the City of Walnut.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-11. Convert the existing EB right-turn lane to a through/right-turn lane at the Nogales Street/Amar Road intersection (Intersection Index #1 per <i>Mt. SAC 2015 Facilities Master Plan Update & Physical Education Projects Traffic Impact Study Final Report</i> prepared by Iteris and dated September 1, 2016). There is sufficient roadway width at the intersection departure lane in the eastbound direction to accommodate the third through-lane. The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-12. Restripe the EB approach lane to include a dedicated right-turn lane at the Lemon Avenue/Amar Road intersection (Intersection Index #2). The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-13. Convert the existing NB right-turn lane to a shared through/right-turn lane at the Grand Avenue and SR-60 EB Ramps (Intersection Index #13). There is sufficient roadway width at the intersection departure in the northbound (NB) direction to accommodate the third through lane. The California Department of Transportation is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-14. Modify the traffic signal at the Bonita Drive/Temple Avenue intersection (Intersection Index #15) to include a NB right-turn overlap phase. The City of Walnut is the Lead Agency.</p>	<p>Complete required traffic improvements by 2025</p>	<p>Facilities Planning & Management</p>
<p>TR-15. A third NB through-lane is required at the Grand Avenue and Mountaineer Road intersection. However, insufficient right-of-way ROW is available within the current curb width. Therefore, further improvements are not feasible. The City of Walnut is the Lead Agency.</p>	<p>Assure pedestrian and vehicular safety during truck hauling activities for the PEP (Phase 1).</p>	<p>Facilities Planning & Management</p>
<p>TR-16 to TR-27 are requirements for hosting the 2020 Olympic Track & Field Trials</p>		
<p>TR-16. Facilities Planning & Management, along with the Local Organizing Committee (LOC) shall prepare a Transportation and Parking Management Plan for the 2020 Olympic Track & Field Trials (OTFT). All campus parking locations and parking or shuttle fees shall be included in the Plan. If needed, additional security shall be provided at off-campus shuttle lots. All parking attendants (i.e. a minimum of one for each lot) shall have communication devices to communicate with a Campus Parking Supervisor. The Executive Board Officers of the Associated Students (AS) of Mt. SAC shall be given an opportunity to review and comment on the preliminary plan. The Plan shall be substantially complete at least a year (12 months) before the OTFT begin and be approved by the Board of Trustees. The timeframe relates to the preparation of registration materials and event websites. Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>
<p>TR-17. Parking lot locations, vehicle occupancy requirements, and parking pass fees shall be published in all registration and event materials, on the event websites and included in all media information. The Local Organizing Committee (LOC) shall hire students part-time as parking attendants or, if qualified, as shuttle drivers. Event Services shall ensure compliance.</p>	<p>Distributing information to all registrants, media and the public on parking availability.</p>	<p>Event Services Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-18. The Local Organizing Committee (LOC) shall provide shuttle bus service as described in Draft SEIR Section 3.11.2. The off-campus shuttles shall operate at least three (3) hours before the first event of the day for the 2020 Olympic Track & Field Trials and for at least three (3) hours after the last event ends. Event Services shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Event Services Facilities Planning & Management</p>
<p>TR-19. The Local Organizing Committee (LOC) shall conduct two or more workshops for local Chamber of Commerce members and area hotel managers at least nine (9) months before the 2020 Olympic Track & Field Trials to inform them of the events. The workshops shall discuss shuttle routes and time tables, distribute media packets, answer questions and encourage hotel managers to offer special hotel packages and morning and evening hotel shuttle services between their hotel and the campus free or for a limited fee. The Director of the Local Organizing Committee (LOC) shall ensure compliance.</p>	<p>Distributing information to businesses that provide services to athletics and guests during the event.</p>	<p>Facilities Planning & Management</p>
<p>TR-20. The Transportation and Parking Management Plan for the 2020 Olympic Track & Field Trials shall be based on the information in the Parking Plan in Draft SEIR Section 3.11.2. With the stated minimum persons per vehicle, the designated lots provide parking for at least 14,919 guests and 490 faculty/staff on campus during the 2020 Summer Intersession if classes are not in session (Draft SEIR Table 3.11.5). The Parking Plan provides sufficient parking without Parking Structure J (Draft SEIR Table 3.11.5). Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>
<p>TR-21. If the 2020 Olympic Track & Field Trials are held during the Summer Intersession and classes are in session, the Local Organizing Committee (LOC) shall implement a Parking Plan based on Draft SEIR Section 3.11.2. The Parking Plan shall pre-register faculty and staff for parking on campus for the week (i.e. not daily). Faculty and staff do not need to pre-register for the weekend. This procedure assures all faculty and staff have easy access to reserved parking during the week. Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-22. During registration for the 2020 Olympic Track & Field Trials, registrants may purchase a parking pass for a specific on-campus parking lot (e.g. Lot F) or an off-campus parking pass (e.g. Cal Poly Pomona, Lanterman Developmental Center, Diamond Bar High School or Walnut High School etc.). Parking passes will be sold for the entire 10-day event, for Session 1 (Day 1–4), Day 5–6 or Session 2 (Day 7–10). No parking passes will be issued for the other off-campus shuttle locations. Each registrant who purchases a parking pass shall receive a windshield parking pass for a specific parking lot. Each parking pass shall state the minimum persons per vehicle [e. g. minimum three (3) persons per vehicle]. Registration for athletes and officials shall begin two (2) weeks before registration for the general public. Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>
<p>TR-23. With classes not scheduled in the Summer Intersession, the recommended parking plan for the 2020 Olympic Track & Field Trials (OTFT) is Plan A in Draft SEIR Section 3.11.2 (Table 3.11.5). The OTFT Parking Plan shall be refined when the shuttle route system is finalized (i.e. TR-17). Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>
<p>TR-24. With classes scheduled in the Summer Intersession, the recommended parking plan for the 2020 Olympic Track & Field Trials (OTFT) is Plan B in Draft SEIR Section 3.11.2 (Table 3.11.6). The OTFT Parking Plan shall be refined when the shuttle route system is finalized (i.e. TR-17). An updated focused traffic analysis is required. Facilities Planning & Management shall ensure compliance.</p>	<p>Implement a traffic and parking plan that provides adequate parking, minimizes congestion and provides opportunities for shuttle use.</p>	<p>Facilities Planning & Management</p>
<p>TR-25. For additional reduction in pm peak period conflicts between area commuter traffic and 2020 Olympic Track & Field Trials traffic leaving the final event on Friday or Monday during Session 1, the event schedule shall be revised so guest traffic leaves before the commute period begins or after the pm peak commute period ends. Either event schedule revision will result in reducing the number of pm peak period conflicts by two days, and only two of the ten event days during Session 2 have pm peak conflicts (Draft SEIR Table 3.11.1). Facilities Planning & Management shall ensure compliance.</p>	<p>If feasible, revising the preliminary schedule to reduce traffic congestion weekdays during the pm peak period.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-26. Prior to installation of the Lot F traffic signal, the City of Walnut shall consider lowering the posted travel speed along Temple Avenue near Lot F from 50 mph to 35–40 mph to facilitate access to the Lot F east entry driveway. The Public Works Department of the City of Walnut shall ensure compliance.</p>	<p>Consideration of lower posted travel speeds on Temple Avenue when a signal is warranted at Lot F and Temple Avenue.</p>	<p>Facilities Planning & Management</p>
<p>TR-27. Prior to completion of Parking Structure J, the northside leg at the Lot F and Temple Avenue driveway shall be widened. Facilities Planning & Management shall ensure compliance.</p>	<p>Complete required traffic improvements when required</p>	<p>Facilities Planning & Management</p>
<p>TR-28 to TR-40 are requirements for general parking, construction, and transportation impacts</p>		
<p>TR-28. Beginning in 2015, whenever a traffic/parking study for a FMP has not been completed in five (5) years, a new parking study shall be completed. The parking study shall specify the total parking supply required and a timeframe for providing the required number of campus parking spaces. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for adequate parking based on the College's recommended most recent headcount parking standard.</p>	<p>Facilities Planning & Management</p>
<p>TR-29. Site specific traffic and parking studies are required by the College for all new special events (i.e. excluding the 2020 Olympic Track & Field Trials) with projected maximum daily attendance above 15,000 weekdays (excludes Summer Intersession and campus holidays). Facilities Planning & Management shall ensure compliance.</p>	<p>Studies for new Special Events other than the 2020 Olympic Track & Field Trials</p>	<p>Facilities Planning & Management</p>
<p>TR-30. The following recommendations from the <i>Mt. San Antonio College Traffic Impact Analysis (Revised)</i> prepared by Kunzman Associates and dated August 22, 2002 shall be implemented for onsite improvements: (1) Preferential carpool parking permits and spaces for special events and/or special recognition of student and faculty achievements, (2) Additional parking spaces for motorcycles, (3) Additional bicycle racks, (4) Bicycle lockers and/or showers and lockers for cyclists, and (5) Evaluation of reduction in free parking, raising parking fees and/or demand parking prices. The evaluation shall be completed by July 1, 2017 and CMPCT shall issue a recommendation to the Board of Trustees by September 1, 2017. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision to improve alternative transportation on campus.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-31. For hauling operations of more than 15 trucks per hour or more than 100,000 cubic yards (cy), a Truck Haul Plan (THP) approved by the Director of Facilities Planning & Management, with consultation with adjacent cities, shall be implemented. The THP shall consider traffic counts, routes, hours/day of hauling, avoidance of am and pm peak hours, intersection geometrics, access/egress constraints and pieces of construction equipment onsite. Recommendations shall be made concerning all hauling operations to minimize traffic and pedestrian congestion on campus and off campus and included in construction logistics plans. If required, all haul trucks shall be radio-dispatched. Light duty trucks with a weight of no more than 8,500 pounds are exempt from the THP requirements. Facilities Planning & Management shall ensure compliance.</p>	<p>Assure pedestrian safety and reduce vehicular congestion along haul routes for campus construction hauling during peak hour traffic.</p>	<p>Facilities Planning & Management</p>
<p>TR-32. Contractors shall submit traffic handling plans and other construction documents to Facilities Planning & Management prior to commencement of demolition or grading. The plans and documents shall comply with the <i>Work Area Traffic Control Handbook (WATCH)</i>. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing assurance of public safety at or near project construction sites.</p>	<p>Facilities Planning & Management</p>
<p>TR-33. Demolition and construction contracts shall include plans for temporary sidewalk closure, pedestrian safety on adjacent sidewalks, vehicle and pedestrian safety along the project perimeter and along construction equipment haul routes on campus. These plans shall be reviewed by the Mt. SAC Department of Police/Public Safety and approved by Facilities Planning & Management. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing assurance of public safety at or near project construction sites.</p>	<p>Facilities Planning & Management</p>
<p>TR-34. Demolition and construction contracts shall include plans for construction worker parking areas on campus. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provisions for construction employee parking areas near construction sites or in designated areas with permits.</p>	<p>Facilities Planning & Management</p>
<p>TR-35. Each project site shall be adequately barricaded with temporary fencing to secure construction equipment, minimize trespassing, vandalism and short-cut attractions, and reduce hazards during demolition and construction. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provisions for construction security for individual projects and assurance of public safety.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-36. Construction contractors shall post a flag person at locations near a construction site during major truck hauling activities to protect pedestrians from conflicts with heavy equipment entering or leaving the project site. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for public safety from truck hauling activities near pedestrian paths.</p>	<p>Facilities Planning & Management</p>
<p>TR-37. Upon completion of project-specific construction documents, the Mt. SAC Department of Police/Public Safety shall complete a parking, pedestrian, circulation and signage plan to address direct and indirect public safety needs for parking on campus during the project-specific construction period. For each major project, the changing parking demands created by construction, increased student enrollments and new building locations shall be addressed. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for maintaining adequate parking during construction periods.</p>	<p>Facilities Planning & Management</p>
<p>TR-38. During the preparation of campus grading, landscape and street improvement plans, the sight distance (length of roadway visible to a driver) at each project access on campus shall be reviewed with respect to Caltrans standards. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for sight distances for public safety on campus near construction sites.</p>	<p>Facilities Planning & Management</p>
<p>TR-39. Onsite traffic signing and striping shall be implemented in conjunction with detailed project-specific construction plans. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for required onsite traffic signs and striping.</p>	<p>Facilities Planning & Management</p>
<p>TR-40. The Master Vehicular Circulation Plan shall be updated and shall specify all revisions and additions to parking areas, parking controls, public bus stops, private shuttle operations, shuttle stops and signage within the campus needed for buildout of the 2015 FMPU. All recommendations of the approved Vehicular Circulation Plan shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for adequate transportation facilities and services for buildout of the 2015 FMPU.</p>	<p>Facilities Planning & Management</p>
<p>TR-41 to TR-48 are requirements for public transit impacts</p>		
<p>TR-41. The Bursar's Office at Mt. San Antonio College shall participate in the Metrolink College Student Discount Pass Program. Registration materials for each term shall inform student of its availability. Auxiliary Services shall ensure compliance.</p>	<p>Ongoing provision for bus passes for campus students.</p>	<p>Auxiliary Services</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
TR-42. Schedule/fee information for Foothill Transit (including the Go Pass), Metrolink and Metro shall be made available to students for each semester. Auxiliary Services shall ensure compliance.	Ongoing provision for up to date information on area transportation services.	Auxiliary Services
TR-43. The Campus Master Plan Coordinating Team (CMPCT) shall review the preliminary site plan for the Public Transportation Center and recommend any changes needed in the Pedestrian Circulation and Vehicular Circulation exhibits in the 2015 FMPU to provide safe pedestrian paths, including Americans with Disability Act (ADA) requirements for access the Public Transportation Center. Facilities Planning & Management shall ensure compliance.	Ongoing provision for adequate pedestrian paths and vehicular circulation near the Public Transportation Center.	Facilities Planning & Management
TR-44. The District shall complete a Memorandum of Understanding (MOU) with participating transit agencies for the Public Transportation Center. The MOU shall specify all financial, legal, insurance, operation and maintenance responsibilities for each party. Facilities Planning & Management shall ensure compliance.	Provision for legal agreements for operation and funding of the Public Transportation Center.	Facilities Planning & Management
TR-45. The District shall negotiate an agreement with additional transit agencies serving the campus to provide an unlimited bus pass for a fixed student transportation fee per semester by January 1, 2018. Facilities Planning & Management shall ensure compliance.	Complete required traffic improvements by 2018.	Facilities Planning & Management
TR-46. The Executive Board Officers of the Associated Students (AS) of Mt. SAC shall be given an opportunity to review and comment on the Public Transportation Center project prior to CMPCT final review. Facilities Planning & Management shall ensure compliance.	Provide opportunities for student feedback on preliminary plans for the Public Transportation Center.	Facilities Planning & Management
TR-47. Mt. SAC shall meet with Cal Poly Pomona to discuss a joint campus shuttle service by July 1, 2017. Facilities Planning & Management shall ensure compliance.	Explore opportunities for shuttle use between Mt. SAC and Cal Poly Pomona.	Facilities Planning & Management
TR-48. Not Used		
TR-49 to TR-57 are requirements for other transportation issues (TR-48 is no longer being used as an index)		

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-49. When traffic access is allowed (gate controlled) at the southside leg of the Temple Avenue and Lot F driveway (primarily for athletic events), manual traffic control (Mt. SAC or City provided traffic control personnel) shall be utilized. The Kinesiology, Athletics and Dance Division and Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for required traffic controls along Temple Avenue at the Lot F intersection during special events when the Lot F intersection is not signalized.</p>	<p>Kinesiology, Athletics and Dance Division and Facilities Planning & Management</p>
<p>TR-50. All truck hauling from the borrow site to the West Parcel shall have radio-communication to assure that trucks do not create traffic congestion at area intersections, in the left-turn pocket at Grand Avenue and Temple Avenue and at the West Parcel driveway. In addition, haul trucks on the designated haul route shall be spaced to assure that trucks do not impede traffic flow along the haul route,</p> <p>(a) All construction hauling for the West Parcel project shall occur between the hours of 8:30 am to 4:30 pm Monday–Saturday to avoid the am and pm peak hour traffic along the haul route,</p> <p>(b) The hauling contractor shall maintain radio-communication with all trucks at all times, and have a designated person at the West Parcel and at the borrow site who can inform truck drivers at the borrow site if the spacing needs to be adjusted. All truck drivers shall be oriented to the hauling and communication procedures prior to initiating haul activities. The project manager shall ensure truck hauling to assure spacing requirements and hauling activities do not exceed the requirements,</p> <p>(c) Truck haul drivers shall be instructed to maintain proper spacing along the entire return route from the West Parcel to the borrow site. When needed, the drivers should be in radio-communication along the return route to prevent congestion. However, visual contract between trucks may be sufficient to provide spacing without a lot of radio communication on the return haul route and;</p> <p>(d) For 95% of the time, drivers shall maintain a minimum of 80 feet separation between trucks on the return route from the West Parcel to the borrow site on roadway links. This restriction does not apply to intersections where signalization may cause delays. Facilities Planning & Management shall ensure compliance.</p>	<p>Assure pedestrian and vehicular safety during truck hauling activities for the West Parcel Solar project.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-51. Programming for the Auditorium should establish if an adjacent Parking Structure is desirable in Lot B within six months of certification of the Final EIR. A site specific study is required for the Auditorium and/or an adjacent parking structure. Facilities Planning & Management shall ensure compliance.</p>	<p>Explore advanced planning needs for an additional parking structure near the Auditorium.</p>	<p>Facilities Planning & Management</p>
<p>TR-52. The City of Walnut shall consider restricting left-turn movements eastbound along Amar Road east of Country Hollow Drive during the am peak hour, implementation of a resident parking program or restrictions on street parking during certain hours, to minimize student-related traffic in the adjacent neighborhoods west of Grand Avenue south of Collegewood Drive. The Community Development Department of the City of Walnut shall ensure compliance.</p>	<p>Provision for required vehicle turning movement restrictions for vehicular safety.</p>	<p>City of Walnut</p>
<p>TR-53. Truck hauling for grading of the Physical Education Projects (PEP) (Phase 1, 2) site shall be limited to 8 hours a day and a maximum of 18 trucks per hour. Facilities Planning & Management shall ensure compliance.</p>	<p>Truck hauling for PEP.</p>	<p>Facilities Planning & Management</p>
<p>TR-54. When a site plan is completed, a site-specific analysis shall be completed for the Public Transportation Center. All recommendations of the traffic analysis shall be completed and the project coordinated with the College, the City of Walnut, Foothill Transit and if required, Metro. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for inter-agency coordination and CEQA regulations.</p>	<p>Facilities Planning & Management</p>
<p>TR-55. The Mt. SAC Department of Police/Public Safety shall update their evacuation plans for an extreme emergency by January 1, 2017. The updated emergency evacuation plan shall refine the preliminary plan included in the Final EIR and distribute vehicular traffic from campus lots to Grand Avenue and Temple Avenue in the most efficient and safe manner as possible. Public safety officers shall be deployed to pre-assigned locations and tasks to direct vehicular traffic in pre-determined directions defined in the emergency evacuation plan. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for a current plan for minimizing the time required to evacuate vehicles and personnel away from campus in an emergency evacuation.</p>	<p>Mt. SAC Department of Police/Public Safety Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
14. Transportation (continued)		
<p>TR-56. For hauling operations of more than 15 trucks per hour and more than 100,000 cubic yards, a Truck Haul Plan (THP) approved by the Director of Facilities Planning & Management, shall be implemented. The THP shall consider traffic counts, haul routes, hours/days of hauling, avoidance of peak hours, intersection geometrics, access/egress constraints, truck load capacity, and pieces of construction equipment onsite and shall specify requirements to minimize traffic and pedestrian congestion on campus and off campus. The THP shall be required in all applicable construction logistics plans. If necessary, all haul trucks shall utilize radio communication to improve traffic flow and minimize congestion. Light duty trucks with a weight of no more than 8,500 pounds are exempted from a THP. Facilities Planning & Management shall ensure compliance.</p>	<p>Minimizing traffic impacts from truck hauling.</p>	<p>Facilities Planning & Management</p>
<p>TR-57. Beginning in 2015, whenever a traffic/parking study for a FMP or FMPU has not been completed in five (5) years, a new parking study shall be completed. The parking study shall specify the total parking supply required and a timeframe for providing the required number of campus parking spaces. Facilities Planning & Management shall ensure compliance.</p>	<p>Providing ample parking supply when enrollment changes.</p>	<p>Facilities Planning & Management</p>
15. Utilities/Service Systems		
<p>SS-01. The 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) shall be updated to accommodate the projected 2019–2020 student enrollment and the facilities included in the buildout of the 2015 FMPU to year 2020. Facilities Planning & Management shall ensure compliance.</p>	<p>Resolution of phasing issues related to infrastructure, new facilities and student enrollment increases.</p>	<p>Facilities Planning & Management</p>
<p>SS-02. The 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) shall be revised for buildout of the 2015 FMPU. The UIMP shall specify all revisions and additions to water lines from Three Valleys Municipal Water District's (TVMWD) \ PM-1 connector to the campus, and lines within the campus needed for buildout of the 2015 FMPU. All recommendations of the approved UIMP shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for ample water supplies on campus.</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
15. Utilities/Service Systems (continued)		
<p>SS-03. The College shall obtain permits and water commitments required by the Three Valleys Municipal Water District (TVMWD) for water service to all projects. These requirements shall be included in construction contracts. TVMWD has requested advance notification whenever demand may increase by more than 50 percent so future planning may be completed. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for ample water supplies on campus.</p>	<p>Facilities Planning & Management</p>
<p>SS-04. The 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) shall be updated and shall specify all revisions and additions to sewer lines within the campus needed for buildout of the 2015 FMPU. All recommendations of the approved UIMP shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for adequate sewer line capacity on campus.</p>	<p>Facilities Planning & Management</p>
<p>SS-05. The 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) shall be updated and shall specify all revisions and additions to the electrical distribution system within the campus needed for buildout of the 2015 FMPU. All recommendations of the approved UIMP shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for adequate electrical system for buildout of the 2015 FMPU.</p>	<p>Facilities Planning & Management</p>
<p>SS-06. For each project, the College shall obtain all approval(s) required by Southern California Edison (SCE) for electrical service. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for electrical service for new projects from SCE.</p>	<p>Facilities Planning & Management</p>
<p>SS-07. For each project, the College shall obtain all permits required by the Southern California Gas Company (SoCalGas) for natural gas service. These requirements shall be included in construction contracts and implemented. Facilities Planning & Management shall ensure compliance.</p>	<p>Ongoing provision for natural gas service for new projects from SoCalGas</p>	<p>Facilities Planning & Management</p>

Mitigation Measures	Monitoring Action	Department Responsible
15. Utilities/Service Systems (continued)		
<p>SS-08. The 2012 Mt. SAC Utility Infrastructure Master Plan (UIMP) shall be updated and shall specify all revisions and additions to solid waste collection systems, storage and transfer within the campus needed for buildout of the 2015 FMPU. All recommendations of the approved UIMP shall be included in construction contracts and implemented. (Contracts with independent trash haulers are not included in these requirements). Facilities Planning & Management shall ensure compliance.</p>	<p>Provision for adequate solid waste facilities on campus for buildout of the 2015 FMPU</p>	<p>Facilities Planning & Management</p>
<p>Source: Mt. San Antonio College Facilities Planning & Management, October 10, 2016</p>		