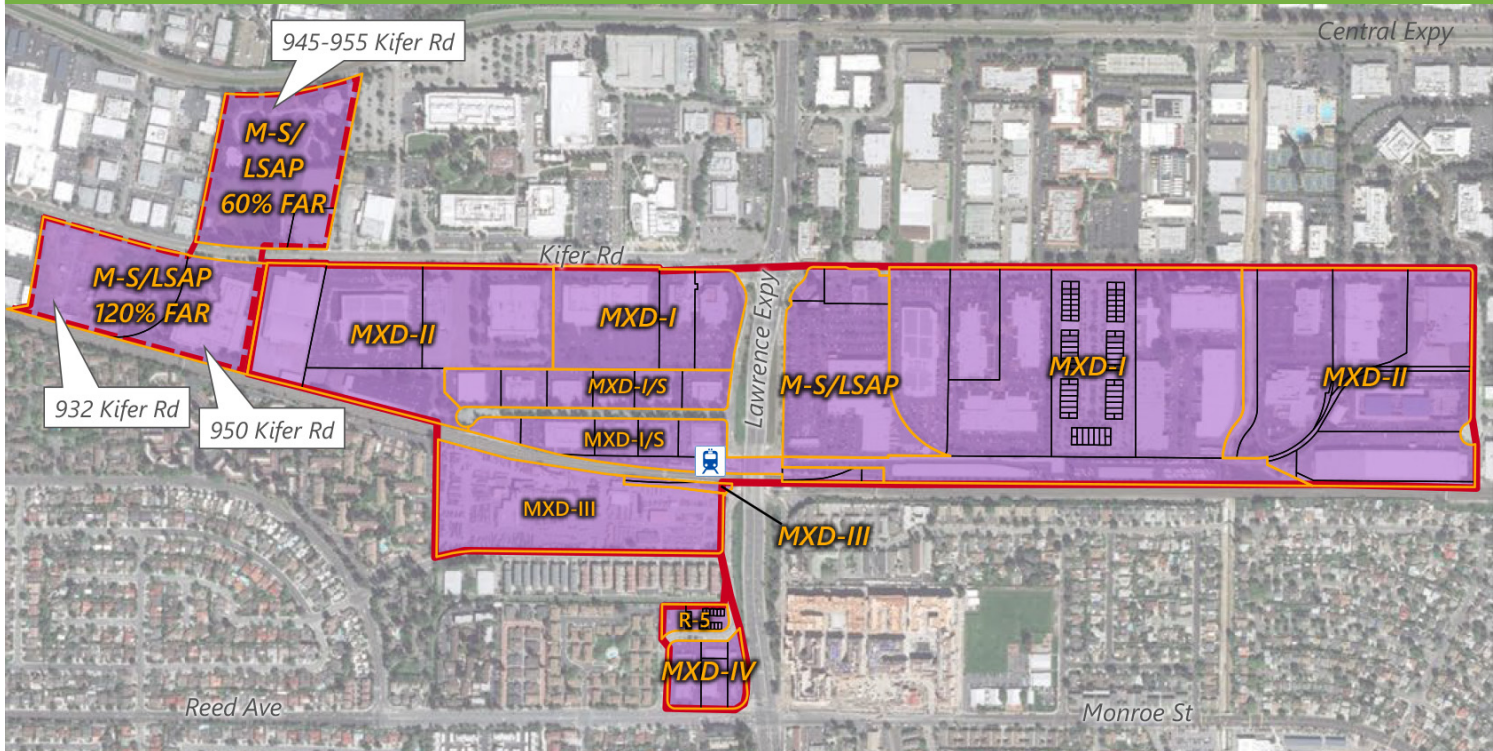


MITIGATION MONITORING AND REPORTING PROGRAM

Lawrence Station Area Plan Update/Intuitive Surgical Corporate Campus Project



State Clearinghouse No. 2019012022

Prepared for



Sunnyvale

City of Sunnyvale
Community Development Department

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MITIGATION MONITORING AND REPORTING PROGRAM

INTRODUCTION

Where a California Environmental Quality Act (CEQA) document has identified significant environmental effects, Public Resources Code Section 21081.6 requires adoption of a “reporting or monitoring program for the changes to the project which it has adopted or made a condition of a project approval to mitigate or avoid significant effects on the environment.”

This Environmental Mitigation Monitoring and Reporting Program (MMRP) has been prepared to provide for the monitoring of mitigation measures required of the Lawrence Station Area Plan Update/Intuitive Surgical Corporate Campus Project (Project), as set forth in the Final Subsequent Environmental Impact Report (Final SEIR).

The CEQA statutes and Guidelines provide direction for clarifying and managing the complex relationships between a lead agency and other agencies with implementing and monitoring mitigation measures. In accordance with CEQA Guidelines Section 15097(d), “each agency has the discretion to choose its own approach to monitoring or reporting; and each agency has its own special expertise.” This discretion will be exercised by implementing agencies at the time they undertake any of portion of the Project, as identified in the SEIR.

PURPOSE OF MITIGATION MONITORING AND REPORTING PROGRAM

The intent of the MMRP is to ensure the effective implementation and enforcement of adopted mitigation measures. The MMRP is intended to be used by City staff and others responsible for Project implementation. This document identifies the individual mitigation measures, the party responsible for monitoring implementation of the measure, the timing of implementation, and space to confirm implementation of the mitigation measures.

ROLES AND RESPONSIBILITIES

Unless otherwise specified herein, the City is responsible for taking all actions necessary to implement the mitigation measures under its jurisdiction according to the specifications provided for each measure and for demonstrating that the action has been successfully completed. The City, at its discretion, may delegate implementation responsibility or portions thereof to a licensed contractor or other designated agent. Section 21081.6 of the Public Resources Code, requires the lead agency to identify the “custodian of documents and other material” which constitutes the “record of proceedings” upon which the action on the project was based. The Sunnyvale City Manager, or designee, is the custodian of such documents for the LSAP Update and ISI Project.

Inquiries should be directed to:

City of Sunnyvale, Community Development Department/Planning Division
456 W. Olive Avenue
Sunnyvale, CA 94086
Phone: (408) 730-7440
planning@sunnyvale.ca.gov

The SEIR has been posted on the City’s website: <https://sunnyvale.ca.gov/business/projects/lawrence.htm>. Hard copies of the SEIR are available for review at the City of Sunnyvale Library (665 W Olive Ave, Sunnyvale, CA 94086), the City of Sunnyvale One-Stop Permit Center (456 W. Olive Ave. Sunnyvale, CA 94086), and the City of Sunnyvale Community Center (550 Remington Drive, Sunnyvale, CA 94087).

The City is responsible for overall administration of the MMRP and for verifying that City staff members and/or the construction contractor has completed the necessary actions for each measure. The City may designate a project manager to oversee implementation of the MMRP. Duties of the project manager include the following:

- ▶ ensure routine inspections of the construction site are conducted by appropriate City staff; check plans, reports, and other documents required by the MMRP; and conduct report activities;
- ▶ serve as a liaison between the City and the contractor or project applicant regarding mitigation monitoring issues;
- ▶ complete forms and maintain reports and other records and documents generated for the MMRP; and
- ▶ coordinate and ensure that corrective actions or enforcement measures are taken, if necessary.

The responsible party for implementation of each item will identify the staff members responsible for coordinating with the City on the MMRP.

CHANGES TO MITIGATION MEASURES

Any substantive change in the MMRP is required to be reported in writing. Modifications to the mitigation measure may be made by the responsible agency, subject to one of the following findings, and documented by evidence included in the public record:

- ▶ The mitigation measure included in the SEIR and the MMRP is no longer required because the significant environmental impact identified in the SEIR has been found not to exist, or to occur at a level which makes the impact less than significant as a result of changes in the project, changes in environment conditions, or other factors.

OR,

- ▶ The modified or substitute mitigation measure provides a level of environmental protection equal to, or greater than that afforded by the mitigation measure included in the SEIR and the MMRP; and,
- ▶ The modified or substitute mitigation measure or measures do not have significant adverse effects on the environment in addition to, or greater than those which were considered by the responsible hearing bodies in their decisions on the SEIR and the proposed project; and,
- ▶ The modified or substitute mitigation measure are feasible, and the responsible agency, through measures included in the MMRP or other procedures, can ensure implementation.

SUPPORT DOCUMENTATION

Findings and related documentation supporting the findings involving modifications to the mitigation measure shall be maintained in the project file with this MMRP and shall be made available to the public upon request.

This MMRP will be kept on file at:

City of Sunnyvale
Community Development Department/Planning Division
456 W. Olive Avenue
Sunnyvale, CA 94086

MITIGATION MONITORING AND REPORTING PROGRAM TABLE

The categories identified in the attached MMRP table are described below.

- ▶ Mitigation Measure – This column provides the verbatim text of the adopted mitigation measure. Measures that include 'Adopted LSAP' in the title indicate LSAP measures adopted in 2016. All other measures were adopted under the 2021 LSAP Update/ISI Project.
- ▶ Compliance Method – This column identifies actions that must occur to ensure compliance with measures.
- ▶ Verification/Timing -- This column identifies the required verification and time frame in which the mitigation will be implemented.
- ▶ Responsible Party – This column identifies the parties responsible for implementing the mitigation measure.

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
Air Quality			
<p>Adopted LSAP Mitigation Measure 3.5.3a</p> <p>Prior to the issuance of grading or building permits, the City of Sunnyvale shall ensure that the BAAQMD’s basic construction mitigation measures from Table 8-1 of the BAAQMD 2011 CEQA Air Quality Guidelines (or subsequent updates) are noted on the construction documents. These basic construction mitigation measures include the following:</p> <ol style="list-style-type: none"> 1. All exposed surfaces (e.g., parking areas, staging areas, soil piles, graded areas, and unpaved access roads) shall be watered two times per day. 2. All haul trucks transporting soil, sand, or other loose material off-site shall be covered. 3. All visible mud or dirt track-out onto adjacent public roads shall be removed using wet power vacuum street sweepers at least once per day. The use of dry power sweeping is prohibited. 4. All vehicle speeds on unpaved roads shall be limited to 15 miles per hour (mph). 5. All roadways, driveways, and sidewalks to be paved shall be completed as soon as possible. Building pads shall be laid as soon as possible after grading unless seeding or soil binders are used. 6. All construction equipment shall be maintained and properly tuned in accordance with manufacturers’ specifications. All equipment shall be checked by a certified mechanic and determined to be running in proper condition prior to operation. 7. A publicly visible sign shall be posted with the telephone number and person to contact at the lead agency regarding dust complaints. This person shall respond and take corrective action within 48 hours. The BAAQMD’s phone number shall also be visible to ensure compliance with applicable regulations. 	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Prior to issuance of grading or building permits ▶ During construction 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant (during construction)
<p>Adopted LSAP Mitigation Measure 3.5.3b</p> <p>In the cases where construction projects are projected to exceed the BAAQMD air pollutant significance thresholds for NO_x, PM₁₀, and/or PM_{2.5}, all off-road diesel-fueled equipment (e.g., rubber-tired dozers, graders, scrapers, excavators, asphalt paving equipment, cranes, and tractors) shall be at least CARB Tier 3 Certified or better.</p>	<ul style="list-style-type: none"> ▶ Plan approval ▶ Site inspection 	<ul style="list-style-type: none"> ▶ Requirements to be identified on construction/improvement plans ▶ During construction 	<ul style="list-style-type: none"> ▶ Project applicant (during construction) ▶ City of Sunnyvale (plan check and during construction)
<p>Mitigation Measure 3.2-1: Reduce construction-related NO_x emissions for the ISI project</p> <p>The applicant shall require its construction contractors to use high-performance renewable diesel (HPRD) fuel for diesel-powered construction equipment, to the extent available. Any HPRD product that is considered for use by the construction</p>	<ul style="list-style-type: none"> ▶ Plan approval (applicable to ISI project only) ▶ Site inspection (applicable to ISI project only) 	<ul style="list-style-type: none"> ▶ Requirements to be identified on construction/improvement plans ▶ During construction 	<ul style="list-style-type: none"> ▶ Project applicant (during construction) ▶ City of Sunnyvale (plan check and during construction)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>contractor shall comply with California’s Low Carbon Fuel Standards. HPRD fuel must meet the following criteria:</p> <ul style="list-style-type: none"> ▶ be hydrogenation-derived (reaction with hydrogen at high temperatures) from 100 percent biomass material (i.e., nonpetroleum sources), such as animal fats and vegetables, ▶ contain no fatty acids or functionalized fatty acid esters, and ▶ have a chemical structure that is identical to petroleum-based diesel which ensures HPRD will be compatible with all existing diesel engines; it must comply with American Society for Testing and Materials D975 requirements for diesel fuels. 			
<p>Adopted LSAP Mitigation Measure 3.5.5</p> <p>In the case when a subsequent project’s construction is span greater than five acres and is scheduled to last more than two years, the subsequent project shall be required to prepare a site-specific construction pollutant mitigation plan in consultation with the BAAQMD staff prior to the issuance of grading permits. A project-specific construction-related dispersion modeling acceptable to BAAQMD shall be used to identify potential toxic air contaminant impacts, including diesel particulate matter. If BAAQMD risk thresholds (i.e., probability of contracting cancer is greater than 10 in 1 million) would be exceeded, mitigation measures shall be identified in the construction pollutant mitigation plan to address potential impacts and shall be based on site-specific information such as the distance to the nearest sensitive receptors, project site plan details, and construction schedule. The City shall ensure construction contracts include all identified measures and that the measures reduce the health risk below BAAQMD risk thresholds. Construction pollutant mitigation plan measures shall include, but not be limited to:</p> <ol style="list-style-type: none"> 1. Limiting the amount of acreage to be graded in a single day, 2. Restricting intensive equipment usage and intensive ground disturbance to hours outside of normal preschool hours, 3. Notification of affected sensitive receptors one week prior to commencing on-site construction so that any necessary precautions (such as rescheduling or relocation of outdoor activities) can be implemented. The written notification shall include the name and telephone number of the individual empowered to manage construction of the project. In the event that complaints are received, the individual empowered to manage construction shall respond to the complaint within 24 hours. The response shall include identification of measures being taken by the project construction contractor to reduce construction-related air pollutants. Such a measure may include the relocation of equipment. 	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Prior to issuance of grading permit 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant (during construction)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>Adopted LSAP Mitigation Measure 3.5.6</p> <p>The following measures shall be utilized in site planning and building designs to reduce TAC and PM_{2.5} exposure where new receptors are located within 1,000 feet of emission sources:</p> <ul style="list-style-type: none"> ▶ Future development with the LSAP that includes sensitive receptors (such as residences, schools, hospitals, daycare centers, or retirement homes) located within 1,000 feet from Caltrain and/or stationary sources shall require site-specific analysis to determine the level of health risk. This analysis shall be conducted following procedures outlined by BAAQMD. If the site-specific analysis reveals significant exposures from all sources (i.e., health risk in terms of excess cancer risk greater than 100 in one million, acute or chronic hazards with a hazard Index greater than 10, or annual PM_{2.5} exposures greater than 0.8 µg/m³) measures shall be employed to reduce the risk to below the threshold (e.g., electrostatic filtering systems or equivalent systems and location of vents away from TAC sources). If this is not possible, the sensitive receptors shall be relocated. ▶ Future nonresidential developments projected to generate more than 100 heavy-duty trucks daily will be evaluated through the CEQA process or BAAQMD permit process to ensure they do not cause a significant health risk in terms of excess cancer risk greater than 10 in one million, acute or chronic hazards with a hazard Index greater than 1.0, or annual PM_{2.5} exposures greater than 0.3 µg/m³. 	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Incorporate during site planning and building design ▶ Prior to Planning approval 	<ul style="list-style-type: none"> ▶ City of Sunnyvale
Archaeological, Historical, and Tribal Cultural Resources			
<p>Adopted LSAP Mitigation Measure 3.10.2</p> <p>All subsequent projects within the LSAP plan area shall be required to include information on the improvement plans that if, during the course of grading or construction, cultural resources (i.e., prehistoric or historic sites) are discovered, work will stop in that area and within 100 feet of the find until a qualified archaeologist can [assess] the significance of the find and, if necessary, develop appropriate treatment measures as part of a treatment plan in consultation with the City and all other appropriate agencies. The treatment plan shall include measures to document and protect the discovered resource. Consistent with CEQA Guidelines Section 15126.4(b)(3), preservation in place will be the preferred method of mitigating impacts to the discovered resource. Pursuant to Government Code Section 6254.10, information on the discovered resource shall be confidential.</p>	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Information to be included on construction and improvement plans ▶ During construction 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant (if resources found)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
Biological Resources			
<p>Adopted LSAP Mitigation Measure 3.9.2</p> <p>Prior to the removal of trees or the demolition of buildings, a bat survey shall be performed by a qualified biologist no more than 3 days prior to the start of construction activities. If bat roosts are identified, the City shall require that the bats be safely flushed from the sites where roosting habitat is planned to be removed. If maternity roosts are identified during the maternity roosting season (typically May to September), they must remain undisturbed until a qualified biologist has determined the young bats are no longer roosting. If roosting is found to occur on-site, replacement roost habitat (e.g., bat boxes) shall be provided to offset roosting sites removed. If no bat roosts are detected, no further action is required if the trees and buildings are removed prior to the next breeding season.</p> <p>If a female or maternity colony of bats is found on the project site, and the project can be constructed without the elimination or disturbance of the roosting colony (e.g., if the colony roosts in a large oak tree not planned for removal), a qualified biologist shall determine what buffer zones shall be employed to ensure the continued success of the colony. Such buffer zones may include a construction-free barrier of 200 feet from the roost and/or the timing of the construction activities outside of the maternity roost season (after July 31 and before March 1).</p> <p>If an active nursery roost is documented on-site and the project cannot be conducted outside of the maternity roosting season, bats shall be excluded from the site after July 31 and before March 1 to prevent the formation of maternity colonies. Nonbreeding bats shall be safely evicted under the direction of a bat specialist.</p>	<ul style="list-style-type: none"> ▶ Preconstruction surveys 	<ul style="list-style-type: none"> ▶ No more than 3 days prior to building demolition and/or tree removal 	<ul style="list-style-type: none"> ▶ Project applicant (survey and protection measures) ▶ City of Sunnyvale (document compliance)
<p>Adopted LSAP Mitigation Measure 3.9.3</p> <p>All construction and clearing activities shall be conducted outside of the avian nesting season (January 15–August 31), when feasible. If clearing and/or construction activities occur during the nesting season, preconstruction surveys for nesting raptors, special-status resident birds, and other migratory birds protected by the Migratory Bird Treaty Act shall be conducted by a qualified biologist, up to 3 days before initiation of construction activities. The qualified biologist shall survey the construction zone and a 250-foot radius surrounding the construction zone to determine whether the activities taking place have the potential to disturb or otherwise harm nesting birds. If an active nest is located within 100 feet (250 feet for raptors) of construction activities, the project</p>	<ul style="list-style-type: none"> ▶ Preconstruction surveys for work done between January 15 and August 31 	<ul style="list-style-type: none"> ▶ No more than 3 days prior to tree removal and/or site preparation involving removal of vegetation 	<ul style="list-style-type: none"> ▶ Project applicant (survey and protection measures) ▶ City of Sunnyvale (document compliance)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>applicant shall establish an exclusion zone (no ingress of personnel or equipment at a minimum radius of 100 feet or 250 feet, as appropriate, around the nest). Alternative exclusion zones may be established through consultation with the CDFW and the USFWS, as necessary. The City shall be notified if altered exclusion zones widths are authorized by these agencies prior to the initiation of work. The exclusion zones shall remain in force until all young have fledged.</p>			
Geology, Soils, and Paleontological Resources			
<p>Adopted LSAP Mitigation Measure 3.7.4 All subsequent projects within the LSAP plan area shall be required to include information on the improvement plans that if, during the course of grading or construction fossils are discovered, work shall be halted immediately within 50 feet of the discovery, the Sunnyvale Community Development Department shall be notified, and the significance of the find and recommended actions must be determined by a qualified paleontologist. In addition, prior to the commencement of project site preparation, all construction personnel shall be informed of the potential to discover fossils and the procedures to follow.</p>	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Prior to issuance of grading permit ▶ During construction 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant (if fossils discovered)
Hydrology and Water Quality			
<p>Adopted LSAP Mitigation Measure 3.8.3 Prior to approving any subsequent projects in the LSAP at any location where fill is placed in the FEMA AO zone to elevate the ground surface above the base flood elevation, the project applicant shall submit a hydraulic analysis prepared by a California-registered professional engineer for City Engineer review and approval. The analysis shall, at a minimum, identify: (1) the specific locations where changes in water surface elevations due to fill encroachment could occur; and (2) drainage improvements that will be used to ensure placement of fill will not increase flood hazards in areas not previously subject to flooding during occurrence of the base flood discharge.</p>	<ul style="list-style-type: none"> ▶ Plan approval <i>(only applicable to development within FEMA AO zone)</i> 	<ul style="list-style-type: none"> ▶ Prior to issuance of grading permit 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant
Hazards and Hazardous Materials			
<p><i>Mitigation Measure 3.8-1 replaces adopted LSAP Mitigation Measure 3.3.3.</i> Mitigation Measure 3.8-1 The City shall require that a Phase I ESA is prepared and submitted with any application for new development or redevelopment within the adopted LSAP boundary. The Phase I ESA shall be prepared by a qualified professional registered in California and in accordance with ASTM E1527-13 (or the most current version at the time a development application is submitted for the project).</p>	<ul style="list-style-type: none"> ▶ Review of Phase I and/or Phase II ESA ▶ Site inspection 	<ul style="list-style-type: none"> ▶ Phase I and II (if identified as necessary by the Phase I) at the time development application is submitted ▶ Responsible agency approval of applicant’s site management controls prior 	<ul style="list-style-type: none"> ▶ Project applicant (Phase I/Phase II) ▶ City of Sunnyvale (document compliance)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>If determined necessary by the Phase I ESA, a Phase II ESA shall be conducted to determine the lateral and vertical extent of soil, groundwater, and/or soil vapor contamination, as recommended by the Phase I ESA.</p> <p>The City shall not issue a building permit for a site where contamination has been identified until remediation or effective site management controls appropriate for the use of the site have been completed, consistent with applicable regulations and to the satisfaction of the City of Sunnyvale, DTSC, or San Francisco Bay RWQCB (as appropriate) before initiation of construction activities. Deed restrictions, if appropriate, shall be recorded. If temporary dewatering is required during construction or if permanent dewatering is required for subterranean features, the City shall not issue an improvement permit or building permit until documentation has been provided to the City that the San Francisco Bay RWQCB has approved the discharge to the sewer. Discharge of any groundwater removed from a construction site within the adopted LSAP and to the El Camino Storm Drain Channel, Calabazas Creek, or storm drain shall be subject to Water Pollution Control Permit requirements.</p> <p>If the Phase I ESA determines there are no RECs, no further action is required. However, the City shall ensure any grading or improvement plan or building permit includes a statement if hazardous materials contamination is discovered or suspected during construction activity, all work shall stop immediately until a qualified professional has determined an appropriate course of action.</p>		<p>to grading and building permit issuance</p> <ul style="list-style-type: none"> ▶ Site inspection during construction 	
<p>Adopted LSAP Mitigation Measure 3.3.5</p> <p>Before issuance of a building permit for a specific development project or before approving a City-initiated roadway improvement identified in the LSAP, the City shall determine whether project construction activities have the potential to affect traffic conditions on roadways as a result of construction of the development project or roadway improvement(s). If there is the potential the activities could impair or inhibit emergency response or evacuation, a Construction Traffic Control Plan shall be prepared for City review and approval. The plan shall include, but not be limited to, schedule of construction and anticipated methods of handling traffic for each phase of construction to ensure the safe flow of traffic and adequate emergency access, including maintaining an open lane for vehicle travel at all times. All traffic control measures shall conform to City of Sunnyvale, Santa Clara County, and/or Caltrans standards, as applicable. The City shall ensure final approved plans for private development projects specify the requirement, as appropriate, to implement the construction traffic control plan.</p>	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Prior to building permit issuance 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check and inspection) ▶ Project applicant (prepare plan)
<p>Noise and Vibration</p>			

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>Adopted LSAP Mitigation Measure 3.6.4</p> <p>Subsequent projects in the LSAP shall employ site-specific noise attenuation measures during construction to reduce the generation of construction noise. These measures shall be included in a Noise Control Plan that shall be submitted for review and approval by the City of Sunnyvale Building Services Division. Measures specified in the Noise Control Plan and implemented during construction shall include, at a minimum, the following noise control strategies:</p> <ul style="list-style-type: none"> ▶ Equipment and trucks used for construction shall use the best available noise control techniques (e.g., improved mufflers, equipment redesign, use of intake silencers, ducts, engine enclosures, and acoustically attenuating shields or shrouds; ▶ Impact tools (e.g., jack hammers, pavement breakers, and rock drills) used for construction shall be hydraulically or electrically powered wherever possible to avoid noise associated with compressed air exhaust from pneumatically powered tools. Where use of pneumatic tools is unavoidable, an exhaust muffler on the compressed air exhaust shall be used; this muffler can lower noise levels from the exhaust by up to about 10 dB. External jackets on the tools themselves shall be used where feasible; this could achieve a reduction of 5 dB. Quieter procedures, such as use of drills rather than impact tools, shall be used; and ▶ Stationary noise sources shall be located as far from adjacent receptors as possible, and they shall be muffled and enclosed within temporary sheds, incorporate insulation barriers, or include other measures. ▶ Noise reducing pile-driving techniques shall be employed during Project construction. These techniques shall include: <ul style="list-style-type: none"> ▪ Installing intake and exhaust mufflers on pile-driving equipment; ▪ Vibrating piles into place when feasible, and installing shrouds around the pile-driving hammer where feasible; ▪ Implement “quiet” pile-driving technology (such as pre-drilling of piles and the use of more than one pile driver to shorten the total pile driving duration), where feasible, in consideration of geotechnical and structural requirements and conditions; ▪ Use cushion blocks to dampen impact noise, if feasible based on soil conditions. Cushion blocks are blocks of material that are used with impact hammer pile drivers. They consist of blocks of material placed atop a piling during installation to minimize noise generated when driving the pile. 	<ul style="list-style-type: none"> ▶ Plan approval 	<ul style="list-style-type: none"> ▶ Prior to issuance of grading and/or building permits 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check and inspection) ▶ Project applicant (during construction)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<p>Materials typically used for cushion blocks include wood, nylon and micarta (a composite material); and</p> <ul style="list-style-type: none"> ▪ At least 48 hours prior to pile-driving activities, the applicant shall notify building owners and occupants within 600 feet of the Project area of the dates, hours, and expected duration of such activities. 			
Traffic and Transportation			
<p>Mitigation Measure 3.14-7: Prepare and Implement a Temporary Traffic Control Plan for the ISI Project</p> <p>Before construction or issuance of building permits, the developer or the construction contractor for the ISI project shall prepare a temporary traffic control plan (TTC) to the satisfaction of the City of Sunnyvale Division of Transportation and Traffic and subject to review by all affected agencies. The TTC shall include all information required on the City of Sunnyvale TTC Checklist and conform to the TTC Guidelines of the City of Sunnyvale. At a minimum, the plan shall include the following elements:</p> <ul style="list-style-type: none"> ▶ provide vicinity map including all streets within the work zone properly labeled with names, posted speed limits and north arrow; ▶ provide existing roadway lane and bike lane configuration and sidewalks where applicable including dimensions; ▶ description of proposed work zone; ▶ description of detours and/or lane closures (pedestrians, bicyclists, vehicular); ▶ description of no parking zone or parking restrictions; ▶ provide appropriate tapers and lengths, signs, and spacing; ▶ provide appropriate channelization devices and spacing; ▶ description of buffers; ▶ provide work hours/work days; ▶ dimensions of above elements and requirements per latest CA—MUTCD Part 6 and City of Sunnyvale’s SOP for bike lane closures; ▶ provide proposed speed limit changes if applicable; ▶ description of bus stops, signalized and non-signalized intersection impacted by the work; ▶ show plan to address pedestrians, bicycle and ADA requirement throughout the work zone per CA-MUTCD Part 6 and City of Sunnyvale’s SOP for Bike lane closures; 	<ul style="list-style-type: none"> ▶ Plan approval (applicable to ISI project only) 	<ul style="list-style-type: none"> ▶ Prior to construction or issuance of building permits 	<ul style="list-style-type: none"> ▶ City of Sunnyvale (plan check) ▶ Project applicant (prepare plan)

Mitigation Monitoring and Reporting Program

Mitigation Measure	Compliance Method	Verification/Timing	Responsible Party
<ul style="list-style-type: none"> ▶ indicate if phasing or staging is requested and duration of each; ▶ description of trucks, including number and size of trucks per day, expected arrival/departure times, truck circulation patterns; ▶ provide all staging areas on the project site; and ▶ ensure that the contractor has obtained and read the City of Sunnyvale's TTC Guidelines and City of Sunnyvale's SOP for bike lane closures; and ▶ ensure traffic impacts are localized and temporary. 			

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