

## ERRATA – MINOR EDITS TO MITIGATION MEASURES

The following are minor edits to mitigation measures and does not constitute “significant new information” requiring recirculation. (See Public Resources Code Section 21092.1; State CEQA Guidelines Section 15088.5.)

### **Mitigation Measure 4.2-1a: Apply Tier-4 Emission Standards to all Diesel-Powered Off-Road Equipment When Available**

The applicant shall require its construction contractor to only use off-road construction equipment that meet EPA’s Tier 4 emission standards as defined in 40 CFR 1039 and to comply with the appropriate test procedures and provisions as contained in 40 CFR Parts 1065 and 1068, to the extent feasible. Tier 3 models can be used if a Tier 4 version of the equipment type is not yet produced by manufacturers or if Tier 4 equipment is not available. This measure can also be achieved by using battery-electric off-road equipment as it becomes available. Implementation of this measure shall be required in the contract the project applicant establishes with its construction contractors. The applicant shall demonstrate its plan to fulfill the requirements of this measure in a report or in project improvement plan details submitted to the City prior to the use of any off-road, diesel-powered construction equipment on the site.

### **Mitigation Measure 4.11-1: Make Improvements to Intersection at Lawrence Expressway/Duane Avenue-Oakmead Parkway**

Santa Clara County has jurisdiction over the Lawrence Expressway/Duane Avenue-Oakmead intersection. A third left lane will be added to the eastbound approach at the intersection of Lawrence Expressway/Duane Avenue-Oakmead Parkway including one through lane, and one right-turn lane. Signage and pavement striping shall be provided to indicate that the inner first left-turn lane shall be designated for northbound Lawrence Expressway traffic, the middle left-turn lane shall be designated for northbound U.S. 101 traffic, and the outer left-turn lane shall be designated for southbound U.S. 101 traffic. This improvement shall be accomplished by re-striping the Lawrence Expressway/Duane Avenue-Oakmead Parkway intersection to add a third left turn lane, but not undertaking any other physical improvements to the intersection. Additional improvements shown on the Lawrence Expressway/E Duane Avenue to US-101 Concept Plan provided by the County of Santa Clara Roads and Airports Department on December 17, 2018, such as modifications to the corners of the intersection, restriping of crosswalks, the northbound lane alignments, the relocation of pedestrian crossing at the U.S. 101 southbound on-ramp, and the extension of the barrier curb, are shown as a concept plan only. These improvements have not been adopted yet and hence, the project is not responsible for these additional improvements.

Additionally, the signal operation and timing at the intersection at Lawrence Expressway/Duane Avenue-Oakmead Parkway shall be adjusted to accommodate the third lane. The project applicant and City of Sunnyvale shall coordinate and agree with the County on the timing and implementation of the improvements prior to issuance of building permits.

### **Mitigation Measure 4.11-4: Increase Metering Rate at U.S. 101 Lawrence Expressway Diagonal On-Ramp**

The metering rates shall be increased to one vehicle every 4 seconds to ensure that the maximum queue does not exceed the ramp storage. Prior to the issuance of a building permit, the applicant shall request that the City and Caltrans implement this metering rate change. The applicant and City will coordinate and agree with Caltrans on the timing and implementation of this improvement prior to the issuance of building permits.

**Mitigation Measure 4.11-8: Prepare and Implement Temporary Traffic Control Plan**

Before building permits are issued and construction begins, the construction contractor shall prepare a temporary traffic control (TTC) plan to the satisfaction of the City of Sunnyvale Division of Transportation and Traffic and subject to review by all affected agencies.

The City of Sunnyvale suggests that the latest edition of the CA MUTCD, Part 6: Temporary Traffic Control, be referred to for guidance on preparing a TTC plan. The TTC plan shall include all information required on the City of Sunnyvale TTC Checklist and shall conform to the TTC Guidelines of the City of Sunnyvale. At a minimum, the plan shall:

- provide a vicinity map that shows all the streets in the work zone properly labeled, along with the posted speed limits and a north arrow;
- identify the path of construction vehicles traveling to the site. ~~If Lawrence Expressway is used, the time of use shall be limited to 9:00 a.m. to 3:00 p.m.;~~
- describe the estimated highest number of vehicle trips generated during project construction activities;
- identify the existing roadway lane and bike lane configurations and sidewalks, including dimensions, where applicable;
- describe the proposed work zone;
- describe anticipated detours and/or lane closures (for pedestrians, bicyclists, and vehicles);
- describe no-parking zones and other parking restrictions;
- describe appropriate tapers and lengths, signs, and spacing;
- identify appropriate channelization devices and spacing;
- describe the buffers;
- identify work hours and work days;
- provide the dimensions of the elements and requirements listed above in accordance with CA MUTCD Part 6 and the City of Sunnyvale's Standard Operating Procedure (SOP) for bike lane closures;
- identify the proposed speed limit changes if applicable;
- describe the bus stops and signalized and nonsignalized intersections that will be affected by the work;
- show the plan to address pedestrian, bicycle, and Americans with Disabilities Act requirements throughout the work zone in accordance with CA MUTCD Part 6 and the City of Sunnyvale's SOP for bike lane closures;
- provide details on trucks, including the number and size of trucks involved with construction per day, expected arrival and departure times, and truck circulation patterns;
- identify all the staging areas on the project site and duration of each stage of construction for the project and any related improvements; 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.