

**DEPARTMENT OF TRANSPORTATION**

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Governor's Office of Planning & Research

February 26, 2020

**FEB 26 2020**

**STATE CLEARINGHOUSE**

Ms. Anita Juhola-Garcia, Planner  
City of Long Beach  
411 W. Ocean Boulevard  
Long Beach, CA 90802

RE: Century Villages at  
Cabrillo Specific Plan  
Vic. LA-103/ PM 1.75, LA-01/PM 8.11  
SCH # 2020010387  
GTS # LA-2020-03144AL-NOP

Dear Ms. Juhola-Garcia:

Thank you for including the California Department of Transportation (Caltrans) in the environmental review process for the above referenced project. The Project Applicant is preparing a Specific Plan to redevelop portions of the existing Century Villages at Cabrillo. The Specific Plan is part of a collection of planning documents that effectively guide the services, housing, amenities, and programming for the project site. The Specific Plan would involve the demolition of 215 dwelling units, 10,030 square feet of amenities, 10,200 square feet of education uses, and 7,250 square feet of services and administration, and the development of 750 dwelling units, 77,000 square feet of amenities, 15,000 square feet of educational uses, 17,000 square feet of commercial/retail uses, and 48,000 square feet of administrative and supportive services.

Buildout of the community would result in a total of 1,380 dwelling units, 79,350 square feet of amenities, 15,000 square feet of educational uses, 22,850 square feet of commercial/retail uses, and 67,050 square feet of administrative and supportive services.

The mission of Caltrans is to provide a safe, sustainable, integrated and efficient transportation system to enhance California's economy and livability. Senate Bill 743 (2013) has codified into CEQA law and mandated that CEQA review of transportation impacts of proposed development be modified by using Vehicle Miles Traveled (VMT) as the primary metric in identifying transportation impacts for all future development projects. You may reference to The Governor's Office of Planning and Research (OPR) for more information.

<http://opr.ca.gov/ceqa/updates/guidelines/>

Caltrans is aware of challenges that the region faces in identifying viable solutions to alleviating congestion on State and Local facilities. With limited room to expand vehicular capacity, this development should incorporate multi-modal and complete streets transportation elements that will actively promote alternatives to car use and better manage existing parking assets. Prioritizing and allocating space to efficient modes of travel such as bicycling and public transit can allow streets to transport more people in a fixed amount of right-of-way.

As a reminder, Vehicle Miles Traveled (VMT) will be the standard transportation analysis metric in CEQA for land use projects after the July 1, 2020 statewide implementation date. Agencies may opt-in prior to that date.

Caltrans supports the implementation of complete streets and pedestrian safety measures such as road diets and other traffic calming measures. Please note the Federal Highway Administration (FHWA) recognizes the road diet treatment as a proven safety countermeasure, and the cost of a road diet can be significantly reduced if implemented in tandem with routine street resurfacing.

Overall, the EIR should include Transportation Impact Study (TIS) to ensure all modes are served well by planning and development activities. This includes reducing single occupancy vehicle trips, ensuring safety, reducing vehicle miles traveled, supporting accessibility, and reducing greenhouse gas emissions.

We encourage the Lead Agency to evaluate the potential of Transportation Demand Management (TDM) strategies and Intelligent Transportation System (ITS) applications in order to better manage the transportation network, as well as transit service and bicycle or pedestrian connectivity improvements.

For additional TDM options, please refer to the Federal Highway Administration's *Integrating Demand Management into the Transportation Planning Process: A Desk Reference* (Chapter 8). The reference is available online at:

<http://www.ops.fhwa.dot.gov/publications/fhwahop12035/fhwahop12035.pdf>

Residential construction next to State Route-103 is an incompatible land use and local jurisdictions may need to require soundwalls. We request that the City exercise its powers and responsibility to minimize the impacts of vehicle noise by requesting that the developer ensure compliance with established noise standards and guidelines. To protect future occupants from potential adverse effects associated with traffic noise levels exceeding these standards, soundwalls may need to be implemented in the zoning, architectural design, and construction of units to lessen future traffic noise controversy.

One of Caltrans' safety concerns is the potential traffic conflict on the State facilities. When this large project is at built-out condition, many project traffic trips would assign to the state facilities, traffic analysis should include queuing analysis to address safety issues to comply with CEQA. The following should be included in the traffic analysis.

1. Caltrans requests information regarding the assignment of direct and cumulative trips to state facilities in the project vicinity.
2. The project proponent may use a 95 percentile to obtain queue length for a queuing analysis. To calculate the baseline condition for total queue length on off-ramps, measure the distance from the intersection to the gore point. Caltrans recommends that any queuing on an off-ramp beyond 85% of this total length be considered a significant impact for direct or cumulative impacts. If Synchro software is used to calculate queue length, then actual signal timing must be used for existing condition. Caltrans recommends the following locations in the off-ramp queuing analysis:
  - a. I-710 NB/SB to W Willow St.,
  - b. I-710 NB/SB to SR-1 (Pacific Coast Highway),
  - c. I-710 NB/SB to W Anaheim St.,
  - d. SR-103 NB to W 20<sup>th</sup> St.,
  - e. SR-01 WB to San Gabriel Ave., etc.
3. Figure 4, Proposed Site Plan, shows that Williams St. will be extended westward beyond San Gabriel Ave. and project Boundary. Figure 6 Neighborhood Connections, shows that there will be access point from extended Williams St. potentially to NB SR-103. Please clarify this statement as feasibility study for this new access point may be needed.
4. In the event that the project proponent finds a significant impact to an intersection, an Intersection Control Evaluation (ICE) should be prepared as an initial step of an intersection-improvement project.
5. If an impact is identified, Caltrans recommends consideration of the following potential traffic conflict improvement measures:
  - a. Safety sign/Yield Sign, delineation
  - b. Pavement markings
  - c. ADA ramps, pedestrian sidewalk
  - d. Ramp metering
  - e. Intersection control
  - f. Ramp/lane widening. While ramp or lane widening is a potential improvement measure, this measure should be considered as a last resort after first considering measures (a) through (e) above.

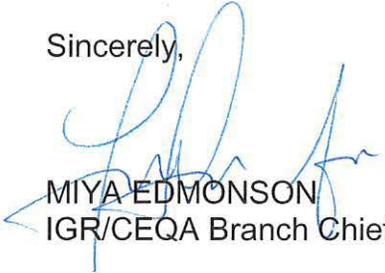
g. Please note that the above is a non-exclusive list of potential improvement measures. The project proponent should consider additional feasible measures.

6. The project proponent may pay 100% of the direct impact and/or fair-share contribution (i.e., a fee program) with cumulative impacts.

A discussion of mitigation measures appropriate to alleviate anticipated traffic impacts should be presented in the traffic study. Any mitigation involving transit or Transportation Demand Management (TDM) is encouraged and should be justified to reduce VMT and greenhouse gas emissions. Such measures are critical to facilitating efficient site access.

If you have any questions, please feel free to contact Mr. Alan Lin the project coordinator at (213) 897-8391 and refer to GTS # LA-2020-03144AL-NOP.

Sincerely,



MIYA EDMONSON  
IGR/CEQA Branch Chief

cc: Scott Morgan, State Clearinghouse