



Memo

To: Tim Beinke
Berkeley Honda
2627 Shattuck Avenue
Berkeley, CA 94704

From: Stantec Consulting Ltd.
Sender's Office

File: Berkeley Honda Supplemental
Traffic Impact Analysis – Adeline
Parking Lot Redesign

Date: August 30, 2016

Reference: Berkeley Honda Supplemental Traffic Analysis – Adeline Parking Lot Redesign

In response to Berkeley Honda's request, Stantec prepared the traffic impact study (dated September 22, 2015) for the proposed Berkeley Honda, a full-service auto dealership with service and parts departments, at 2777 Shattuck Avenue and 2747 Adeline Street in the City of Berkeley. Based on public comments, Berkeley Honda decided to redesign the Adeline parking lot. This memo summarizes the potential impacts of the Adeline parking lot redesign on the adjacent roadway network.

Adeline Parking Lot Redesign

Based on public comments, Berkeley Honda decided to remove the curb cut along with the driveway access/egress from Shattuck to the Adeline Parking lot. Kirala's nine (9) spaces will remain on this lot and its customers will access and egress this lot from Adeline Street. Ward Street parking lot will provide parking for Berkeley Honda (9) and for Sconehege bakery (2). Stuart Street parking lot will be renovated and provide parking for Sconehege bakery (13). In addition, the Adeline lot has been redesigned to screen automobiles by increased landscaping and solar umbrellas along with amenities for public seating and gathering on the City-owned portion of the lot.

Potential Traffic Impact Due to Adeline Parking Lot Redesign

With the closure of the existing driveway access/egress from Shattuck Avenue to the Adeline parking lot, it is expected that the project trips as well as the existing trips which access/egress the Adeline parking lot via the driveway from Shattuck Avenue would be diverted to Adeline Street to use the driveway on Adeline Street instead. Therefore, the traffic on Shattuck Avenue between Ward and Stuart streets would be expected to be less. This, in addition with the removal of the potential weaving area due to turning vehicles access/egress the Adeline parking lot, is expected to improve the traffic conditions on Shattuck Avenue between Ward and Stuart streets.

On the other hand, the traffic on Adeline Street between Ward and Stuart streets would be expected to be increased. However, since the study intersections on Adeline Street currently operate at acceptable LOS B or better, the increased traffic due to such traffic diversion should be able to be accommodated by the existing roadway facilities along Adeline Street, therefore, would not be expected to bring in any significant impact on the traffic conditions along Adeline Street.

Reference: Berkeley Honda Supplemental Traffic Analysis – Adeline Parking Lot Redesign

Potential Pedestrian Impact Due to Adeline Parking Lot Redesign

With the closure of the existing driveway access/egress from Shattuck Avenue to the Adeline parking lot, the potential pedestrian-vehicle conflicts at the existing driveway on Shattuck Avenue will be eliminated. On the other hand, more pedestrian-vehicle conflicts are expected at the driveway to this lot from Adeline Street. However, due to low pedestrian volumes using the Adeline sidewalk, it is not expected that the closure of the existing driveway access/egress from Shattuck Avenue to the Adeline parking lot would bring in any significant pedestrian impact to the nearby pedestrian network.

Stantec Consulting Ltd.