

MEMORANDUM

DATE: May 16, 2018

TO: Terry Fletchall | Santiam Hospital

CC: Ryan Mosher, P.E. | AKS Engineering & Forestry, LLC
Curtis Fisher | AKS Engineering & Forestry, LLC

FROM: Scott Mansur, P.E., PTOE | DKS Associates *Sm*
Rachel Vogt | DKS Associates



DKS

117 Commercial St
#310
Salem, OR 97301
503.391.8773
dksassociates.com

SUBJECT: East Santiam Hospital Parking Lot – Trip Assessment Letter

To satisfy the requirements of Section 17.26.050 of the Stayton Municipal Code¹, DKS Associates has prepared this letter summarizing the estimated trip generation for the proposed Santiam Hospital parking lot improvement project in Stayton, Oregon. The proposed project location is shown in Figure 1. It is understood that no new building improvements or hospital operations changes (i.e. shift changes, etc.) are being considered in conjunction with the parking lot improvements.

Project Background

The proposed parking lot improvement project is located on the northeast corner of N 10th Avenue and E Santiam Street in Stayton, Oregon. The site is currently an unimproved gravel lot. The Santiam Hospital would like to improve the lot to provide additional parking for employees.

Trip Generation

The proposed parking area would consist of 189 parking stalls. The improvements are not related to any new building improvements or any hospital operational changes (i.e. shift changes, etc.). The improved parking lot would not generate any new trips, only serve existing hospital uses, and therefore does not meet the requirements for a transportation impact analysis under Section 17.26.050 of the Stayton Municipal Code.



Figure 1: Santiam Hospital Parking Lot Improvement Study Area

¹ Email conversation with Ryan Mosher, AKS Engineering & Forestry. May 3, 2018.

Site Plan Safety Evaluation

The parking lot improvements will provide one access to N 10th Avenue and one access to E Santiam Street. The main driveway access of the parking area to N 10th Avenue will be a full access and an additional right-in, right-out driveway access will be provided to E Santiam Street. Pedestrians will have sidewalk connection along the east side of N 10th Avenue to provide a safe crossing using the Rectangular Rapid Flashing Beacon (RRFB) installed at the intersection of N 10th Avenue and E Pine Street.

Existing site driveways will need to meet American Association of State Highway and Transportation Officials (AASHTO) sight distance requirements.² This includes providing adequate sight triangles at driveway that are clear of objects (large signs, landscaping, parked cars, etc.) that could potentially limit vehicle sight distance. Prior to occupancy, sight distance at each access point will need to be verified, documented, and stamped by a registered professional Civil or Traffic Engineer licensed in the State of Oregon.

Summary

The proposed Santiam Hospital parking lot improvement project will not generate any additional trips and will therefore not impact the transportation network. Prior to occupancy, sight distance at each access points will need to be verified, documented, and stamped by a registered professional Civil or Traffic Engineer licensed in the State of Oregon.

Please let us know if you have any further questions or concerns.

² *Geometric Design of Highways and Streets*, AASHTO, 2011.