

**REPLINGER & ASSOCIATES LLC**  
TRANSPORTATION ENGINEERING

April 27, 2017

Mr. Pete Walter  
City of Oregon City  
PO Box 3040  
Oregon City, OR 97045

**SUBJECT: REVIEW OF TRANSPORTATION ANALYSIS LETTER – NORTH  
CLACKAMAS CHRISTIAN SCHOOL EXPANSION – SP17-16 & CU17-01**

Dear Mr. Walter:

In response to your request, I have reviewed the Transportation Analysis Letter (TAL) submitted in support of the proposed expansion of the North Clackamas Christian School located at 19575 Sebastian Way. The site is located at the end of Sebastian Way, a cul-de-sac located west of Molalla Avenue near Highway 213. The TAL, dated October 25, 2016 was prepared under the direction of Chris Brehmer, PE of Kittelson & Associates, Inc.

The proposal would add a modular unit with 1848 square feet adjacent to the existing campus buildings.

**Overall**

I find the TAL addresses the city's requirements and provides an adequate basis to evaluate impacts of the proposed school expansion.

**Comments**

- 1. Trip Generation.** The TAL explains that the proposed building will be used as a library and technology media center. The existing spaces used for these purposes will be converted to other non-classroom uses. The applicant does not expect to increase the number of students or staff in connection with the expansion. If one were to use the trip generation rates for an elementary school from the Institute of Transportation Engineers' *Trip Generation Manual*, the 1848 square-foot expansion would be expected to increase the school's trips by 10 AM peak hour trips; 2 PM peak hour trips; and 29 weekday trips. Middle schools and high schools produces slightly lower volumes during the AM peak hour and on a daily basis. In any case, the impact of the expansion is minimal.
- 2. Access Locations.** Access to the school is from two driveways intersecting with the turnaround at the end of Sebastian Way. No changes are proposed in the location of the site access or site circulation.
- 3. Driveway Width.** The TAL indicates the driveways are approximately 20 feet wide and that no changes are proposed.

4. **Intersection Spacing.** The proposal does not involve any changes relating to intersections or intersection spacing.
5. **Sight Distance.** The engineer states that there are no existing or planned physical obstructions at the site driveways that would limit sight distance.
6. **Safety Issues.** The engineer reported finding no safety issues associated with site driveways.
7. **Consistency with the Transportation System Plan (TSP).** The TAL indicates there are no frontage improvements or access change associated with the proposal development and no TSP related projects affecting the site.

#### **Conclusion and Recommendations**

I find that the TAL meets city requirements and provides an adequate basis upon which impacts of the school expansion can be assessed. The school expansion will result in minimal additional traffic.

There are no transportation-related issues associated with this development proposal requiring mitigation.

If you have any questions or need any further information concerning this review, please contact me at [replinger-associates@comcast.net](mailto:replinger-associates@comcast.net).

Sincerely,

A handwritten signature in black ink that reads "John Replinger". The signature is written in a cursive, flowing style.

John Replinger, PE  
Principal