

TECHNICAL MEMORANDUM

2707 Colby Avenue, Suite 900, Everett, WA 98201 | P 425.252.7700

To: Sherrie Ringstad, Associate Planner, City of Mill Creek

From: Mike Hendrix, PE, PTOE

Date: October 11, 2019

Re: Traffic Impact Analysis Review Comments for Crestview II Subdivision Traffic Impact Analysis

Perteet Inc. has been retained by the City of Mill Creek to review the traffic impact analysis prepared by Transportation Engineers Northwest (TENW). This memorandum provides a review of the impact analysis based on trip generation and delay/ level of service analysis. This is the second submittal.

The analysis reviews trips generated by the development. A summary of the traffic impact analysis' comments are found below:

1. We concur with the trip generation and trip distribution as discussed in the report.
2. We have no comment for the collision analysis.
3. Civil plans shall be coordinated to show any needed clearing and obstruction removal to maintain the sight distance requirements as discussed in the report. We concur with this sight distance calculation.
4. We believe there may be a minor typo on page 9 of the report. Under Existing and Year 2021 Intersection LOS Evaluation, there is discussion of analyzing three intersections which is correct. The following paragraph refers to only two intersections. This is a minor element but should be updated for the record to reflect the analysis conducted through the report.

Based on additional submittal materials, this development will not require mitigation fees to Snohomish County.

This revised traffic impact analysis has addressed the previous comments Perteet has submitted.

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2707 Colby Avenue, Suite 900, Everett, WA 98201 | P 425.252.7700

To: Sherrie Ringstad, Associate Planner, City of Mill Creek

From: Mike Hendrix, PE, PTOE Perteet

Date: September 4, 2019

Re: Traffic Impact Analysis Review Comments for Crestview II

This memorandum provides review comments for the preliminary Crestview II development project in the City of Mill Creek. Submittal materials were reviewed based on the project's compliance with the City of Mill Creek Municipal Code. Review comments are specific to the traffic impact analysis report only. It is acknowledged that the submittal materials are preliminary.

- The traffic volumes and related LOS calculations could not be verified since turning movement counts were not submitted. Please submit turning movement counts for verification of traffic volumes, peak hour factor, truck percentage, etc.
- We concur with the trip distribution as shown. Please add the percentage to the figures. This was mentioned to be in place in the text but was missed on the figures.
- The analysis needs to be stamped and signed by an engineer licensed in Washington State.
- Please confirm that the signal timings for the intersections at 21st Drive SE and 25th Avenue SE with 132nd Street SE are per the existing signal timing plans. In particular, it appears that the protected only phasing at the 21st Drive SE signal may be operating more efficiently in reality compared to the analysis. This would be due to the left turn phase being able to terminate earlier for the eastbound left turn movement.
- From the analysis, we concur that no impact fee is required for the Snohomish County ILA.
- There is no discussion of safety of the intersection. It appears that the existing intersection has been operating for some time. Please provide a collision history for this intersection to determine if there is a safety concern. Further, please confirm that the sight distance at the intersection meets City requirements.
- The proposed development shows trips through the intersection of 35th Avenue SE and 132nd Street SE. Further, vehicles are shown traveling through the intersection to Snohomish County maintained and operated roadways. Please provide additional justification that no mitigation is required for County maintained roadways and/or intersections.

Following the confirmation of the volumes and resulting LOS calculations, we can determine whether any improvements are needed based on the development.

End Memo