

**To:** Elena Sasin – City of Beaverton Associate Planner

**From:** Joseph Auth, PE – City of Hillsboro Transportation Analyst  
*Joseph Auth*

**Date:** December 6, 2019

**Re:** Beaverton Senior Living  
CU2019-0005/DR2019-0111/LD2019-0023

Thank you for the opportunity to comment on proposed senior living facility on the southeast corner of the NW 185<sup>th</sup> Avenue / NW Walker Road intersection. The City of Hillsboro had DKS & Associates analyze in Vissim the potential TriMet Red Line Extension impacts to the traffic and bus operations at the NW 185<sup>th</sup> Avenue / NW Baseline Road intersection. The analysis also looked at the potential southbound vehicle queuing on NW 185<sup>th</sup> Avenue extending towards Walker Road intersection. DKS & Associates worked with Washington County and the City of Hillsboro to identify lane capacity improvements and signal timing modifications along NW 185<sup>th</sup> Avenue in 2035 based on results from Vissim. NW 185<sup>th</sup> Avenue at the NW Walker Road intersection showed a need to have dual left-turn lanes, two throughs, and a shared through / right-turn lane to avoid being a bottleneck on the corridor. NW Walker Road approaches at the same intersection show a need to have dual left-turn lanes, two throughs, and a right-turn lane. Based on these analysis results, the City of Hillsboro will be incorporating these proposed lane configuration improvements in our Transportation System Plan update. The City of Hillsboro can make this technical analysis available to the City of Beaverton if needed. The right-of-way dedications listed in Washington County's November 27, 2019 letter to this land use application will allow the ability for these roadway improvements to occur in the future.