



DATE: August 31, 2022

AGENDA ITEM # 5

TO: Complete Streets Commission

FROM: Marisa Lee, Transportation Services Manager

SUBJECT: Citywide Traffic Model – Cumulative Traffic Scenario Update

ATTACHMENTS: None

RECOMMENDATION:

Receive update on Citywide Traffic Model Update to include a Cumulative Traffic Scenario

INTRODUCTION

The City created an Intersection Level of Service (LOS) model in the Spring 2020 based on traffic counts taken in the Fall 2019, Pre-COVID. The new model update adds AM and PM “Cumulative” traffic scenarios based on available “approved but not yet built” private development projects within the City of Los Altos and City of Mountain View.

BACKGROUND

Level of Service (LOS) is a measure of “vehicle delay” at an intersection. While LOS is no longer used for established “CEQA Impacts” it is still used as a measuring tool to identify Operations improvements at intersections as part of the development review process. The Complete Streets Commission (CSC) has expressed interest in the past regarding the City’s ability to measure long-term cumulative impacts within the City as projects are approved within Los Altos and adjacent cities. The model is called PTV Vistro and is the same model used by the Valley Transportation Authority (VTA) to track LOS around the region as part of the Congestion Management Program (CMP).

DISCUSSION

In response to CSC concerns the Cumulative AM and PM scenarios were added to the City’s Intersection LOS model. The model is shared with consultants working Transportation Analysis reports being prepared for private-development projects. The consultants working on those projects update and return the model to the City so that it is always up to date and so that future studies analyze cumulative impacts from “approved but not yet built” and “in process” projects.