Updates to the Los Angeles VMT Calculator Version 1.2

The Los Angeles VMT Calculator Version 1.2, released November 2019, was updated in order to add new features and to incorporate the latest available substantiated information. The tool is expected to be updated over time in future update cycles in order to provide the best user-experience and to stay current. Here’s what you will find in the latest update:

New screening tab

A new tab was added to allow users to enter the Existing Land Use as well as the Proposed Project Land Use. After all project information is entered in the Screening tab, the Calculator will indicate whether a project is required to perform VMT analysis in the bottom right corner of the Screening tab.

Minor adjustments to Travel Behavior Zones

The methodology used to determine Travel Behavior Zones was modified to acknowledge the impact of proximity to transit on travel behavior. For full documentation on Travel Behavior Zones, please see the City of Los Angeles VMT Calculator Documentation - Appendix A.

Minor adjustments to VMT calculation

The VMT Calculator uses trip length information from the TDF Model to calculate vehicle miles traveled. In Version 1.2 of the VMT Calculator, trip lengths for all Travel Analysis Zones (TAZs) within a ¼ mile of the project address are averaged. These trip length values are multiplied by the vehicle trip generation by trip purpose and summed to determine total VMT, household VMT, and work VMT for a project. For full documentation on VMT calculation, please see the City of Los Angeles VMT Calculator Documentation Section 3.3.

Added Telecommuting to TDM Strategies

Telecommuting was added as a TDM strategy. Please see the VMT Strategy Appendix for more information regarding telecommuting and VMT reductions.

Added notification when maximum TDM is achieved

For the full set of TDM strategies selected across all trip types, a place-type limit, or cap, is applied. The place-type or Travel Behavior Zone (TBZ) is based on land use characteristics of the location of the project. Version 1.2 of the VMT Calculator alerts the user when they have reached this cap. When Max TDM Achieved changes from “No” to “Yes”, this indicates that selecting additional TDM strategies will not further reduce VMT because the TDM strategies cap has been reached.