



STAFF REPORT
Board Meeting of July 22, 2020

AGENDA ITEM: 4-K

PREPARED BY: Dylan Stone, Principal Regional Planner

SUBJECT:

Technical/Modeling On-Call Services Request - Senate Bill 743 Vehicle Miles Travelled (VMT) Analysis: Sub-regional Baseline VMT and Model Post Processing

Enclosure: No

Action: Information and Discussion Only

SUMMARY:

Staff has issued to the approved consultants on file a Technical/Modeling On-Call Services Request related to Senate Bill 743 (SB743) analysis of project related VMT.

Madera County Transportation Commission (MCTC) have collaborated with state, regional and local partners to develop tools and strategies able to aid towards analyzing VMT impacts for new land use and transportation projects.

Local jurisdictions in Madera County, as project lead agencies under CEQA and as required in SB 743, now must select VMT analysis methodologies, consider new VMT thresholds for transportation impacts, and determine what mitigation strategies are most feasible.

Based on the need of local jurisdictions and other potential lead agencies in Madera County, MCTC will utilize the regions travel demand model to prepare data applicable for the transition to vehicle miles traveled as the preferred transportation analysis metric required under SB 743. Information from the regional traffic model will be utilized to ensure consistency among the region to best align with state and regional greenhouse gas reduction goal outlined in the Madera County Regional Transportation Plan and Sustainable Communities Strategy.

Staff seek assistance in establishing sub-regional baseline VMT within Madera County cities and unincorporated communities/areas and developing a project sensitive postprocessor into the regional traffic model. The process will utilize the regional traffic model technical platform MCTC uses for regional analysis.

The work is broken into two separate tasks. The tasks will utilize model data in Madera and the neighboring regions to establish baseline VMT data for Madera sub-regions then create a post-processing function in the regional traffic model related to projected project impacts to VMT. MCTC staff will provide data as needed and facilitate any further discussion or input from its partners as needed to best accomplish the tasks. The tasks are expected to take one month to complete upon approval to commence.

FISCAL IMPACT:

No fiscal impact to the approved 2020-21 Overall Work Program and Budget.