



DATE: September 22, 2016

TO: Transportation Authority of Marin Board of Commissioners

FROM: Dianne Steinhauser, Executive Director
Derek McGill, Planning Manager

SUBJECT: Congestion Management Plan and Monitoring Report Contract – Authorize Approval
(Action) Agenda Item No. 6c

RECOMMENDATION

Authorize the Executive Director to execute a contract, in an amount not to exceed \$145,000 for the following: develop updated 2017 Congestion Management Plan, perform expanded traffic monitoring and reporting, including an optional amount of up to \$26,535 to conduct ramp volume counts. The contract calls for selected firm TJKM complete monitoring this Fiscal Year 2016-17 with a draft CMP Update in summer 2017. Funds are available in the FY 2016-17 Budget.

On September 12th, the TAM Projects and Programming Executive Committee heard an update on the expanded data collection process to be completed as part of the CMP and extensive origin and destination data collection as part of the development of TAMs new travel demand model development. The Executive expressed strong support for the additional data collection including the optional ramp volume task. All information collected will be made available on the TAM website for easy reference for both partner agencies and the general public.

BACKGROUND

As part of TAM’s responsibilities as a Congestion Management Agency, it must update its Congestion Management Program, or CMP, every two years. The next CMP is due to MTC no later than fall of 2017. The first step in that process is to monitor existing conditions. The monitoring report is conducted the fall of the previous year (fall of 2016) to provide a quantitative description of Marin’s transportation system necessary as back-up for the 2017 CMP update.

In May 2016, the TAM board received an update on TAM’s Travel Monitoring and Reporting detailing TAM’s approach to updating and reporting on Automobile and Bike and Pedestrian Volumes at specific locations countywide. TAM staff are proposing a more robust counting and monitoring effort as part of this CMP to provide more detailed information regarding travel behavior in Marin County.

This increase in effort was budgeted at the May 28, 2015 TAM board of commissioners meeting where the Board approved a budget increase for \$20,000 annually over a 5-year period to report useful cost-effective travel information to the TAM board, local jurisdictions and the general public.

DISCUSSION/ANALYSIS

For this effort, TAM developed a Request for Qualifications with a requested scope of work similar and consistent with the 2014 monitoring efforts. The 2014 monitoring effort successfully provided costs savings

in providing bike and pedestrian counts, and in using automated sensors and less manual counts to reduce costs. Following this contracting procedure TAM staff again sought for new and improved ways for data gathering.

The RFQ was distributed through a variety of channels, including noticing to past CMP consultants and data gathering firms, noticing on TAM's website, and publishing in the Marin Independent Journal. Despite this broad notification process, only one proposal was received. Staff reviewed the submittal thoroughly, and determined TJKM submitted a qualified and responsive proposal. TJKM have prepared TAM's last two CMP updates in 2013 and 2015.

Updated Data Collection Process

In addition to the historical reporting of CMP information including AM/PM peak hour volumes and travel speeds on 27 CMP roadway segments, the proposal includes a significant increase in the following areas to reflect a substantial increase in the monitoring and reporting of traffic conditions in Marin:

- Expanded Vehicle counts to include 19 new locations.
- Expansion of Bike/Ped counts to include 28 locations (previous effort included 23 locations)
- Collection of ADT (Average daily traffic) for all road segments.
- Direct comparison of weekday to weekend volumes for all road segments/by hour.
- Confirmation of weekday Peak hour travel times for all road segments.
- Confirmation of weekend peak hour travel times for all road segments.
- Expanded data collection period to 7-day periods.

As an optional task, the CMP will also gather ramp volumes for on and off ramp locations along Highways 101, 37 and I-580. This task is included in the contract as an optional task and is estimated at \$26,535 to gather 24-hour volumes to assess vehicle loading and unloading on Marin's highway system. This data collection effort is likely to be reduced in cost depending on the final assessment of data collection needs at these locations.

This data collection represents a substantial increase in TAM's traffic reporting and monitoring over past data collection efforts. Reporting of this information will be available on the TAM website to inform discussion on transportation issues in Marin.

FISCAL CONSIDERATION

Funds in the amount of \$145,000 are available in this fiscal year's budget to perform the work as part of the Trip Monitoring and Reporting line items. No budget adjustment will be required to meet the needs of this contract. The contract period will extend into FY 17/18 however the full amount of the CMP contract is included in FY 16/17 budget.

The scope of work for this update to the CMP has increased the level of effort for data collection significantly than previous CMP cycles, reflecting the increase in costs associated with CMP monitoring efforts.

NEXT STEPS

Conduct fall 2016 counts and prepare Monitoring Report detailing findings.

ATTACHMENTS

N/A