



TECHNICAL ADVISORY COMMITTEE

Thursday, April 4, 2019
9:30 AM

Transportation Agency for Monterey County Conference Room
55-B Plaza Circle, Salinas
Transportation Agency Conference Room
AGENDA

Complete agenda packets are on display at the Transportation Agency for Monterey County office and at these public libraries: Carmel, Monterey, Salinas Steinbeck Branch, Seaside, Prunedale, and King City. Any person who has a question concerning an item on this agenda may call the Agency Secretary to make inquiry concerning the nature of the item described on the agenda. Please recycle this agenda.

1. ROLL CALL

Call to order and self-introductions. According to Transportation Agency and Committee bylaws, Committee membership consists of representatives from the Transportation Agency voting and ex-officio members, and other agencies that may be appointed by the Transportation Agency. Currently the Committee membership includes representatives from 12 Cities, the County, MST, Caltrans, City of Watsonville, the Air District, and AMBAG, for a total of 18 members. Five members of the Technical Advisory Committee, representing voting members of the Transportation Agency Board of Directors, constitute a quorum for transaction of the business of the committee. If you are unable to attend, please contact the Committee coordinator. Your courtesy to the other members to assure a quorum is appreciated.

2. PUBLIC COMMENTS

Any member of the public may address the Committee on any item not on the agenda but within the jurisdiction of the Committee. Each member of the public is allotted with three minutes to address any concerns. Comments on items on today's agenda may be given when that agenda item is discussed.

3. BEGINNING OF CONSENT AGENDA

Approve the staff recommendations for items listed below by majority vote with one motion. Any member may pull an item off the Consent Agenda to be moved to the end of the **CONSENT AGENDA** for discussion and action.

3.1 APPROVE the draft Technical Advisory Committee Minutes for March 7, 2019.

- Zeller

END OF CONSENT AGENDA

4. RECEIVE a presentation on fiber additives to asphalt and slurry seal mixes for increased strength and longer pavement life.

-Brandon Gasser, Pacific Geosource

Fiber additives to asphalt and slurry seal mixes can extend the life of pavement. With Measure X and SB1 pavement maintenance funding going directly to cities and counties, fiber additives may provide a way to extend the life of those maintenance projects and allow agencies to maintain more road miles over time.

5. RECEIVE presentation on the new requirement to use Vehicle Miles Traveled, rather than Levels of Service, as the primary metric for measuring transportation impacts under the California Environmental Quality Act.

- Venter

Frederik Venter from Kimley-Horn & Associates will provide an overview of efforts to implement the Vehicle Miles Traveled metric, required by Senate Bill 743 in order to help reduce greenhouse gas emissions.

6. 1. RECEIVE report on Monterey County Bike Month 2019 and the countywide bike safety outreach; and
2. PROVIDE direction to staff on future planning for Monterey County Bike Month.

- Green

Bike Month is a national public awareness event held annually in May to promote bicycling. The Agency has dedicated Transportation Development Act funds for public education, and requests direction from the Committee for 2019 Bike Month outreach.

7. ANNOUNCEMENTS

8. ADJOURN

**Next Committee meeting will be on
Thursday, May 2, 2019 at 9:30 a.m.
TAMC Conference Room
55-B Plaza Circle, Salinas**

REMINDER: If you have any items for the next Committee Agenda, please submit them to: Transportation Agency for Monterey County; Attn: Rich Deal; 55-B Plaza Circle, Salinas, CA 93901, **email:** rich@tamcmonterey.org

The Committee Agenda will be prepared by Agency staff and will close at noon nine (9) working days before the regular meeting. Any member may request in writing an item to appear on the agenda. The request shall be made by the agenda deadline and any supporting papers must be furnished by that time or be readily available.

Documents relating to an item on the open session that are distributed to the Committee less than 72 hours prior to the meeting shall be available for public inspection at the office of the Transportation Agency for Monterey County, 55-B Plaza Circle, Salinas, CA. Documents distributed to the Committee at the meeting by staff will be available at the meeting; documents distributed to the Committee by members of the public shall be made available after the meeting.

**Transportation Agency for Monterey County
55-B Plaza Circle, Salinas, CA 93901-2902
Monday thru Friday 8:00 a.m. - 5:00 p.m.
TEL: 831-775-0903
FAX: 831-775-0897**

If requested, the agenda shall be made available in appropriate alternative formats to persons with a disability, as required by Section 202 of the Americans with Disabilities Act of 1990 (42 USC Sec. 12132), and the federal rules and regulations adopted in implementation thereof. Individuals requesting a disability-related modification or accommodation, including auxiliary aids or services, may contact Transportation Agency at 831-775-0903. Auxiliary aids or services include wheelchair accessible facilities, sign language interpreters, Spanish Language interpreters and printed materials, and printed materials in large print, Braille or on disk. These requests may be made by a person with a disability who requires a modification or accommodation in order to participate in the public meeting, and should be made at least 72 hours before the meeting. All reasonable efforts will be made to accommodate the request.

CORRESPONDENCE, MEDIA CLIPPINGS, and REPORTS - No items this month



Memorandum

To: Technical Advisory Committee
From: Michael Zeller, Principal Transportation Planner
Meeting Date: April 4, 2019
Subject: **Draft Technical Advisory Committee Minutes - March 7, 2019**

RECOMMENDED ACTION:

APPROVE the draft Technical Advisory Committee Minutes for March 7, 2019.

ATTACHMENTS:

- ▣ Draft TAC Minutes - March 7, 2019

TECHNICAL ADVISORY COMMITTEE MINUTES

**Meeting Held At
Transportation Agency for Monterey County
Conference Room 55-B Plaza Circle, Salinas**

DRAFT Minutes of Thursday, March 7, 2019

COMMITTEE MEMBERS	APR 18	MAY 18	JUN 18	AUG 18	SEP 18	OCT 18	NOV 18	JAN 19	FEB 19	MAR 19
R. Harary, Carmel-by-the-Sea (S. Friedrichsen)	P	P	P	<i>C</i>	<i>C</i>	P(A)		<i>C</i>	P	P
D. Pick, Del Rey Oaks	P			<i>A</i>	<i>A</i>	P		<i>A</i>		
P. Dobbins Gonzales (M. Sundt)		P	P	<i>N</i>	<i>N</i>	P	P	<i>N</i>	P	
R. Mullane, Greenfield			P	<i>C</i>	<i>C</i>			<i>C</i>	P(A)	
O. Hurtado, King City (S. Adams)		P	P	<i>E</i>	<i>E</i>	P	P	<i>E</i>	P	P
B. McMinn, Marina, Chair (E. Delos Santos)	P	P	P	<i>L</i>	<i>L</i>		P	<i>L</i>	P	P
A. Renny, Monterey (F. Roveri)	P	P(A)	P(A)	<i>L</i>	<i>L</i>	P(A)	P(A)	<i>L</i>	P(A)	P(A)
D. Gho, Pacific Grove (M. Brodeur)	P(A)	P	P	<i>E</i>	<i>E</i>	P	P	<i>E</i>	P	P
A. Easterling, Salinas, Vice Chair (J. Serrano)	P(A)	P	P	<i>D</i>	<i>D</i>	P(A)	P	<i>D</i>	P	P
L. Gomez, Sand City (F. Meuer)		P	P						P(A)	P
R. Riedl, Seaside (L. Llantero)	P(A)	P	P			P			P(A)	
D. Wilcox, Soledad (B. Slama, E. Waggoner)		P(A)								
E. Saavedra, MCPW (R. Martinez)		P				P(A)	P		P	P(A)
Vacant , Monterey County Economic Development										
S. Vienna, AMBAG (H. Adamson)	P(A)	P(A)				P(A)	P(A)		P(A)	P
O. Ochoa-Monroy, Caltrans (K. McClendon)	P(A)	P(A)	P(A)			P			P(A)	P
M. McCluney, CSUMB	P(A)	P(A)	P(A)			P(A)				
A. Romero, MBUAPCD										
J. Brinkmann, FORA (P. Said)		P				P				
L. Rheinheimer, MST (M. Overmeyer)	P	P	P			P	P		P(A)	P

STAFF	APR 18	MAY 18	JUN 18	AUG 18	SEP 18	OCT 18	NOV 18	JAN 19	FEB 19	MAR 19
D. Hale, Exec. Director	P			<i>C</i>	<i>C</i>			<i>C</i>	P	P
T. Muck, Dep. Exec. Director	P	P	P	<i>A</i>	<i>A</i>	P	P	<i>A</i>	P	P
H. Myers, Sr. Transp. Planning Engineer	P			<i>N</i>	<i>N</i>			<i>N</i>		
M. Zeller, Principal Transp. Planner	P	P		<i>C</i>	<i>C</i>	P		<i>C</i>	P	P
C. Watson, Principal Transp. Planner				<i>E</i>	<i>E</i>			<i>E</i>		
V. Murillo, Transportation Planner	P	P	P	<i>L</i>	<i>L</i>			<i>L</i>		
T. Wright, Public Outreach Coordinator	P	P		<i>L</i>	<i>L</i>			<i>L</i>		
G. Leonard, Transportation Planner				<i>E</i>	<i>E</i>		P	<i>E</i>		
R. Deal, Principal Engineer	P	P	P	<i>D</i>	<i>D</i>	P	P	<i>D</i>	P	
A. Green, Assoc. Transportation Planner	P	P								P
S. Castillo, Transportation Planner		P				P			P	
L. Williamson, Senior Engineer									P	P

OTHERS PRESENT:

Richard Rosales, Caltrans District 5
 Garin Schneider, Caltrans District 5
 Kim Hudson, AGC of California

Darron Hill, Caltrans District 5
 Jill Leal, Caltrans District 5

1. ROLL CALL

Chair Brian McMinn, City of Marina, called the meeting to order at 9:30 am. Introductions were made and a quorum was established.

1.1 ADDITIONS OR CORRECTIONS TO AGENDA

None.

2. PUBLIC COMMENTS

None

3. BEGINNING OF CONSENT AGENDA

Gho/Harary/unanimous

3.1 APPROVE the minutes of the Technical Advisory Committee meeting of February 7, 2019.

END OF CONSENT AGENDA

4. **CALTRANS ASSET MANAGEMENT AND STATE HIGHWAY OPERATION AND PROTECTION PROGRAM UPDATE**

The Committee received a presentation from Richard Rosales and Darron Hill, Caltrans District 5, on Caltrans Asset Management and State Highway Operation and Protection Program Update.

Caltrans is responsible for maintaining and operating approximately 50,000 lane-miles of the state highway system, the backbone of California's transportation infrastructure. This includes monitoring the condition and operational performance of the highways through periodic inspections, traffic studies, and system analysis.

State law requires the development of a state highway system needs assessment that uses performance targets to estimate current needs. Performance measures and targets are used to track progress and guide state and local agencies towards short, medium, and long-term objectives. The Ten-Year Project Book shows how Caltrans will utilize strong asset management practices to help ensure Caltrans and its partners continue to make the best use of resources by carefully balancing multiple competing needs for infrastructure preservation and improvement.

The Ten-Year Project Book provides a list of the individual projects needed to restore the State Highway System to a condition that meets the performance targets enshrined into law through the Road Repair and Accountability Act of 2017 (Senate Bill 1). The Project Book is a natural extension of the recently adopted California Transportation Asset Management Plan, which prioritizes projects based on their contribution to the overall health of the State Highway System and its many component parts.

The Transportation Asset Management Plan articulates performance targets established by legislation and action by the California Transportation Commission for the four primary Transportation Asset Management Program asset classes: pavement, bridges, culverts, and transportation management systems elements. The performance targets included in Senate Bill 1 direct that over the next ten years, not less than:

98% of pavement on the state highway system must be in good or fair condition;
90% of culverts must be in good or fair condition;
90% of transportation management systems units must be in good condition; and
An additional 500 bridges must be repaired.

Caltrans is requesting that local and regional partners identify any regionally or locally funded projects that Caltrans should be aware of to discuss proposed scope, funding scenarios, delivery timeframes, potential impacts to the State Highway System, and coordination responsibilities. For Caltrans to add a highway project into the State Highway Operations Protection Program workplan it needs to be in the Transportation Agency's Regional Transportation Plan, be in Caltrans Three-Year Workplan, and have an executed cooperative agreement.

Lisa Rheinheimer, Monterey-Salinas Transit, asked if the rumble strip program from the SHOPP can be presented to the Bicycle and Pedestrian Facilities Committee. Richard Rosales responded that he would request that the traffic safety group follow-up to provide a presentation.

5. MEASURE X SAFE ROUTES TO SCHOOL UPDATE

The Committee received a presentation from Ariana Green, Associate Transportation Planner, on the Measure X Safe Routes to School program.

Ms. Green presented that the Measure X Safe Routes to School program funds projects and programs that improve children's health by making walking and bicycling safer and easier. The program will result in projects that provide the following benefits: improved safety for children walking and biking to school; better connections between schools, residential areas and vocational training programs; enhanced air quality; reduced traffic congestion around schools, and healthier transportation choices for school children and parents.

Goals for Fiscal Year 2019/20 include:

- Launch a comprehensive Measure X Safe Routes to School Website;
- Adopt Mini Grant Program guidelines and develop application forms;
- Kick-off "Every Child: Community-Supported Safe Routes to School" grant work;
- Kick-off Salinas Safe Routes to School Plan (if receive grant award);
- Continue implementing the Education Program serving Salinas Valley, Seaside, Marina and North County;
- Continue to coordinate with stakeholders through Safe Routes to School Taskforce meetings;
- Support Safe Routes to School infrastructure projects in all cities and Monterey County;
- Adopt the Seaside & Marina Safe Routes to School Plan in Spring 2020;
- Apply for Active Transportation Program Cycle 5 and/or provide support to City/County applications.

Brian McMinn, City of Marina, asked if the bike rodeos are coordinated with the local police departments. Ariana Green responded yes.

Lisa Rheinheimer, Monterey-Salinas Transit, asked if part of the education includes putting away electronics. Ariana Green responded yes, the training teaches kids to look for distracted drivers.

Ariana Green asked if the Committee is interested in setting up a process for the Transportation Agency to review and provide comments on Active Transportation Program grant applications. The Committee consensus was that there is interest, and would like information brought back to a future Committee meeting.

6. ANNOUNCEMENTS

Patrick Dobbins, City of Gonzales, announced that on April 3 – 5th is the Public Works Leaders Institute.

Michael Zeller, Principal Transportation Planner, announced that the Senate Bill 1 Local Streets and Roads project lists are due on May 1st. Training for the CalSMART website is available and jurisdictions should reach out to me with questions.

Brian McMinn, City of Marina, announced that the next American Public Works Association meeting is on March 20th at the Santa Cruz Food Lounge. National Public Works Week starts May 19th.

Kim Hudson, Association of General Contractors of California, announced that they are hosting a luncheon on April 17th at the Marina Library.

7. ADJOURN

The meeting was adjourned at 10:30 am.



Memorandum

To: Technical Advisory Committee
From: Rich Deal, Principal Engineer
Meeting Date: April 4, 2019
Subject: **Presentation on Fiber Additives for Asphalt Pavement and Slurry Seal**

RECOMMENDED ACTION:

RECEIVE a presentation on fiber additives to asphalt and slurry seal mixes for increased strength and longer pavement life.

SUMMARY:

Fiber additives to asphalt and slurry seal mixes can extend the life of pavement. With Measure X and SB1 pavement maintenance funding going directly to cities and counties, fiber additives may provide a way to extend the life of those maintenance projects and allow agencies to maintain more road miles over time.

DISCUSSION:

Brandon Gasser, Pacific Geosource, will present technical information on fiber additives for asphalt pavement and slurry seals to extend their operational life.

WEB ATTACHMENTS:

- [Pavement fiber performance specification](#)
- [PGS Pavement Recommendation AZ](#)
- [Pavement fiber plans & specs - Tuscon AZ](#)



TRANSPORTATION AGENCY FOR MONTEREY COUNTY

Memorandum

To: Technical Advisory Committee
From: Rich Deal, Principal Engineer
Meeting Date: April 4, 2019
Subject: Updated Metrics for Measuring Transportation Impacts

RECOMMENDED ACTION:

RECEIVE presentation on the new requirement to use Vehicle Miles Traveled, rather than Levels of Service, as the primary metric for measuring transportation impacts under the California Environmental Quality Act.

SUMMARY:

Frederik Venter from Kimley-Horn & Associates will provide an overview of efforts to implement the Vehicle Miles Traveled metric, required by Senate Bill 743 in order to help reduce greenhouse gas emissions.

FINANCIAL IMPACT:

None

DISCUSSION:

Senate Bill (SB) 743 eliminated vehicular delay and Level of Service (LOS) as the metrics for measuring the transportation impacts of new development under the California Environmental Quality Act. The legislation tasked the Governor’s Office of Planning and Research with developing a metric that promotes the reduction of greenhouse gas emissions, the development of multimodal transportation networks, and a diversity of land uses.

The Office of Planning and Research identified Vehicle Miles Traveled (VMT) per capita, VMT per employee, and net VMT as new metrics for transportation analyses. The Natural Resources Agency adopted these metrics as CEQA regulatory changes in December 2018. Statewide implementation will occur by January 1, 2020.

Several cities have already adopted VMT as their primary measure of of transportation impact under

CEQA. Many other jurisdictions are in various stages of making the transition. Because SB 743 preserves local authority over planning decisions, LOS and congestion can still be measured for planning purposes. While traffic studies may be required for planning approvals, those studies will no longer be part of the CEQA process.

The current version of OPR's technical advisory on evaluating transportation impact in CEQA is available on the Office of Population Research's website: http://opr.ca.gov/docs/20190122-743_Technical_Advisory.pdf

WEB ATTACHMENTS:

[State of California VMT Technical Advisory Report](#)



TRANSPORTATION AGENCY FOR MONTEREY COUNTY

Memorandum

To: Technical Advisory Committee
From: Ariana Green, Associate Transportation Planner
Meeting Date: April 4, 2019
Subject: **Bike Month 2019**

RECOMMENDED ACTION:

1. **RECEIVE** report on Monterey County Bike Month 2019 and the countywide bike safety outreach; and
2. **PROVIDE** direction to staff on future planning for Monterey County Bike Month.

SUMMARY:

Bike Month is a national public awareness event held annually in May to promote bicycling. The Agency has dedicated Transportation Development Act funds for public education, and requests direction from the Committee for 2019 Bike Month outreach.

FINANCIAL IMPACT:

The Agency's approved 2018/19 budget includes \$27,500 to support Bike Month and other year-round bicycling events and educational activities. This budget comes from the State Transportation Development Act 2% funds for bicycle and pedestrian education and encouragement activities.

DISCUSSION:

The League of American Bicyclists has designated the month of May as National Bike Month. The purpose of Bike Month is to raise public awareness of bicycling as a form of transportation. One of the findings of the 2014 Alliance Benchmarking Report prepared by the Alliance for Biking and Walking is that more people bike and walk to work in communities with strong bicycling and pedestrian advocacy.

Bike Month 2018 Recap

As part of Bike Month 2018, TAMC helped promote bicycling community events around the County. TAMC also partnered with the Salinas Cesar Chavez Library to do bike safety presentations. All events were listed on a bilingual bike month poster, available on the TAMC website and promoted via the TAMC Facebook page. Additionally, Bike Month events were promoted in the Monterey County

weekly's publications and online page.

In 2018, TAMC kicked-off the first annual Go831 Bike/Walk Challenge. The Go831 Bike/Walk Challenge is a competition aimed at encouraging employees, students and residents in Monterey County to walk and bike to work, school, and shops during the Month of May. The 2018 Bike/Walk Challenge ran from May 14 - May 31 and included 47 participants who walked and biked a total distance of 1,851 miles, saved 1,502 lbs CO2 emissions and saved \$1,000 dollars by not driving.

Bike Month 2019

TAMC staff recommends a different approach to promoting Bike Month 2019 than in recent years to free up time to promote the Bike/Walk Challenge with major employers and to host several Bike/Walk to School events in coordination with safe routes to school pop-up demonstrations in Seaside and Marina. Instead of designing and printing Bike Month posters, staff recommends developing an online Bike Month Calendar that can be promoted through social media.

The 2019 Bike/Walk Challenge will run for the full month of May and is being promoted through flyers and direct coordination with 6 employers:

- Monterey Bay Aquarium
- Monterey County
- City of Salinas
- Salinas Valley Memorial Hospital
- CSU Monterey Bay
- City of Monterey

The 2019 Bike/Walk Challenge will be promoted to other employers and members of the public through email notifications, social media advertisements and flyers. Participants may compete as an individual or part of a team. There will be prizes for the top team and top three individuals who take the most walking and biking trips during the Challenge. There will also be a random drawing for any participant who registers for the Challenge and takes at least one walking or biking trip.

Prizes are as follows:

- Random Drawing = \$200
- Top Team = \$200
- 1st Place Individual = \$100
- 2nd Place Individual = \$75
- 3rd Place Individual = \$50

TAMC staff goals for the 2019 Bike/Walk Challenge are to at least double the number of participants, biking and walking miles, lbs of CO2 emissions saved and number of dollars saved by not driving.

In addition to engaging adult bicyclists through the Bike/Walk Challenge, Bike Month 2019 will include outreach to children in Monterey County. The MY Town exhibit will soft-launch in May at the Steinbeck Center in Oldtown Salinas. MY Town is an interactive children's exhibit which will provide opportunities for young children and their families to learn about safe walking and biking in a fun and

engaging environment.

TAMC staff is also coordinating with the Martin Luther King Jr Elementary School in Seaside and Marina Vista and Crumpton Elementary Schools in Marina to organize Bike/Walk to school activities in coordination with safe routes to school on-street pop-ups. The pop-ups will demonstrate several draft recommended infrastructure improvements in Seaside & Marina Safe Routes to School Plan such as a road diet and protected bike lanes on Broadway in Seaside and curb extensions and crossing enhancements on Carmel Ave in Marina.