



Regional Transportation Planning Agency - Local Transportation Commission

Monterey County Service Authority for Freeways & Expressways - Email: info@tamcmonterey.org

BICYCLE AND PEDESTRIAN FACILITIES ADVISORY COMMITTEE (BPC)

Wednesday, May 2, 2018 6:00 PM

TRANSPORTATION AGENCY FOR MONTEREY COUNTY (TAMC)

Gonzales Council Chambers, 117 Fourth Street, Gonzales

Join online: https://zoom.us/j/705399260
Or call in: 1 (646)876-9923 Meeting ID: 705-399-260
Committee members Mary Israel and Linda Petersen are meeting at MIIS McCone Board Room, McCone Building 499 Pierce Street, Monterey, California

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. Committee bylaws specify that a quorum shall consist of a majority (7) of the number of voting memberships actually filled at that time (13); the existence of any vacancies shall not be counted for purposes of establishing a quorum. If you are unable to attend, please contact the Transportation Agency. Your courtesy to the other Committee 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

Any member of the public may address the Committee on any item not on the agenda but within the jurisdiction of Transportation Agency and Executive Committee. Comments on items on today's agenda may be given when that agenda item is discussed.

3.1 APPROVE minutes of Committee meeting of April 4, 2018.

- Montiel

END OF CONSENT AGENDA

4. REVIEW the draft Monterey County Active Transportation Plan; and **PROVIDE** comments by May 31, 2018.

- Murillo

The Active Transportation Plan is an update of the 2011 Bicycle and Pedestrian Master Plan. The focus of the 2018 Plan update is to meet the State Active Transportation Program guidelines, incorporate innovative bicycle facility designs, and promote high priority projects.

5. RECEIVE presentation and **PROVIDE** input on proposed local Active Transportation Program grant projects.

- Murillo

The State Active Transportation Program is a competitive grant program that funds bike and pedestrian infrastructure improvements and projects. The call for projects begins May 16, with applications due on July 31. Staff will present an overview of anticipated projects for this funding cycle.

6. RECIEVE report on the 2018 Monterey County Bike/Walk Challenge.

- Green

Get ready to bike and walk to work this May! The first annual Monterey County Bike/Walk Challenge will kick-off during National Bike to Work Week (May 14, 2018) and end on May 31, 2018. Businesses, teams and participants who walk and bike the most will have a chance to win prizes and recognition.

- 7. ANNOUNCEMENTS and/or COMMENTS
- 8. ADJOURN

ANNOUNCEMENTS

Next Committee meeting: Wednesday June 6, 2018
TAMC Office

Light refreshments will be provided

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

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.

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, & REPORTS

Correspondence - No items this month.

Media Clipping

M 1. RECEIVE media clippings attached online.

Reports

R1. RECEIVE reports attached online.



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Debra L. Hale, Executive Director

Meeting Date: May 2, 2018

Subject: BPC Draft Minutes

RECOMMENDED ACTION:

APPROVE minutes of Committee meeting of April 4, 2018.

ATTACHMENTS:

BPC Draft May minutes

Bicycle and Pedestrian Facilities Advisory Committee Draft Minutes of April 4, 2018

Held at the Transportation Agency for Monterey County

at TAMC office 55-B Plaza Cir., Salinas CA 93901

Voting Members		SEP	OCT	NOV	JAN	FEB	MAR	APR
	17	17	17	17	18	18	18	18
Eric Petersen, District 1, Past Chair	P	P	C	P	C	P	P	P
Vacant – District 2	Е	Е	A	-	A	-	-	-
Vacant – District 3	-	-	N	-	N	-	-	-
Jeff Wriedt, District 4	P	P	C	Е	C	P(A)	P	P
(Frank Henderson)								
Jeff Lindenthal, District 5	P	P	E	Е	E	P	P	P
(Geof Tibbitts)								
D. L. Johnson, Carmel-By-The Sea	P	P	L	P	L	P	P	Е
Del Rey Oaks - vacant	-	-	L	-	L	-	-	-
Gonzales - Vacant	-	-	E	-	E	-	-	-
Ernesto Gallardo, Greenfield	-	-	D	-	D	P	Е	P
Michael LeBarre, King City	P	P		P		P	Е	P
Vacant, Marina,	-	-		-			-	-
Monterey - Vacant,	-	-		-			-	-
Linda Petersen, Pacific Grove	-	P		P		P	P(A)	P
(Jung Hwa Kim)								
Chris Flescher, Salinas, Vice Chair	P	P		P		P	P	P
(Mark Lasnik)								
Sand City - Vacant	-	-		-		-	-	-
Jan Valencia, Seaside	P	P		P(A)		P	P(A)	P(A)
(Ralph Wege)								
Soledad - Vacant	-	-		-		-	-	-
Vacant, MBUAPCD	-	-		-		-	-	-
Lisa Rheinheimer, Monterey Salinas Transit - Chair	P	P		P		P	P	P
Vera Noghera, Velo Club of Monterey	P(A)	P(A)		P(A)		P	P	P
(Alex Capelli) Mary Israel, FORA	P	P		P		Е	P	P
(Jonathan Brinkmann)	Г	Г		Г		Ľ	Г	Г
N. County Recreation & Park District - Vacant	_	_		_		_	_	_
James Serrano, Salinas Public Works	_	_		_		_	_	_
Raul Martinez – County Public Works	P	P		_		P	P	E
Caltrans - District 5	-	-		_		-	-	
Vacant, AMBAG	-	-		-		-	-	-
Vacant, Pebble Beach Company	_	_		_		_	_	_
Brian Cook, CSUMB	P	P		Е		P		Е
(Matthew McCluney)								

E – Excused VC – Video Conference P(A) – Alternate TC – Teleconference

TRANSPORTATION AGENCY STAFF	AUG 17	SEP 17	OCT 17	NOV 17	JAN 18	FEB 18	MAR 18	APR 18
Debbie Hale, Executive Director				Е		Е	Е	Е
Todd Muck, Deputy Executive Director	Е	Е		Е		Е	Е	Е
Ariana Green, Associate Transportation Planner	Е	Е		P		Е	Е	P
Virginia Murillo, Transportation Planner	Е	Е		P		P	P	P
Maria Montiel, Administrative Assistant	P	P		P		P	Р	P

OTHERS PRESENT:

Chandra Rapley Ecology Action Scott Waltz FORTAG

Fred Watson FORTAG

1. Chair Lisa Rheinheimer called the meeting to order at 6:00 p.m. A quorum was established and self-introductions were made.

2. PUBLIC COMMENTS

None this month.

3. BEGINNING OF CONSENT AGENDA

M/S/C Wriedt /Gallardo /unanimous

3.1 Approved minutes of the Bicycle and Pedestrian Facilities Advisory Committee meeting of March 7, 2018.

END OF CONSENT AGENDA

4. <u>SALINAS VALLEY EXPRESS TRANSIT CORRIDOR STUDY</u>

The Committee received a presentation on the Ford Ord Regional Trail & Greenway project.

Fred Watson and Scott Waltz, presented the Fort Ord Regional Trail & Greenway project, which is a proposed new paved regional active transportation route that will serve as a safe pedestrian and bicycle corridor connecting the cities of Seaside, Marina, Del Rey Oaks, Monterey and unincorporated community residents to California State University Monterey Bay, the Fort Ord National Monument and the Monterey Bay Sanctuary Scenic Trail. FORTAG is included in the Measure X Plan, with \$20 million allocated to the project, which has an approximate cost estimate of \$40 million.

Virginia Murillo, Transportation Planner, reported that TAMC is the lead agency for environmental review. Ms. Murillo noted that TAMC will begin environmental review of the FORTAG project in the late summer/fall.

Committee member Wege asked about FORTAG and proposed development in Seaside. Ms. Watson said the proposed FORTAG alignment goes through proposed development areas in Seaside.

The Committee had the following questions, comments and suggestions to the Ford Ord Regional Trail & Greenway project:

- What are Scott and Fred's roles in FORTAG? CSUMB professors, and community advocates in their role with FORTAG.
- Who would maintain FORTAG? This is an ongoing discussion. In the short-term, jurisdictions or the Monterey Regional Parks District could maintain FORTAG. Another option could be a special services district.
- What is the grade of FORTAG in the East CSUMB area? State Parks accessibility standards were used to map grades and identify the FORTAG alignment.
- Consider solar lighting at some trail locations, especially at the CSUMB locations
- Consider benches at certain vista point locations
- Consider bike repair stations at certain locations
- Consider separate bike and pedestrian lanes where feasible

You can contact Fred Watson and Scott Waltz at www.FORTAG.org if you have any further comments or suggestions.

5. MONTEREY COUNTY ACTIVE TRANSPORTATION PLAN

The Committee received an update on the 2018 Monterey County Active Transportation Plan; and provided input on the projects for development into conceptual design.

Virginia Murillo, Transportation Planner, reported that the focus of the 2018 Plan update is to meet the Sate Active Transportation Program Guidelines, incorporate innovative bicycle facility designs, and promote high priority projects. Ms. Murillo noted that the Transportation Agency staff has also refined the project ranking criteria to develop draft ranked project lists for each of the Monterey County jurisdictions. Staff has also conferred with local jurisdictions on potential projects that will be submitted as candidates for the competitive State Active Transportation Program. Based on this input, the following high-priority projects will be developed into conceptual designs. The intent of the conceptual designs is to advance these high-priority projects into projects development and make them more competitive for ATP grant funding. Alta Planning + Design is tasked with developing 15 conceptual designs, which is enough for approximately 1 design per jurisdiction and 2-3 concepts for projects with regional significance.

The committee had the following suggestions on the Monterey County Active Transportation Plan:

- Consider having the top 3 projects and picking one for a conceptual design
- Consider working with cities on possibly using other funds for leverage

6. MEASURE X SAFE ROUTES TO SCHOOL PROGRAM

The Committee reported on the Measure X Safe Routes to School Program.

Ariana Green, Associate Transportation Planner reported that the Safe Routes to School Program is Measure X-funded initiative. The proposed Program sets a vision and identifies goals, objectives and types of projects and activities that can be funded. The Measure X Safe Routes to School program provides a consistent source of funding over the next 30 years: approximately \$667,000 annually, or \$20 million over the 30-year life of the program. 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; and healthier transportation choices for school children and parents. Ms. Green noted that the Measure X Safe Routes to School Program will greatly expand bicycle and pedestrian safety education with the lofty goal of reaching all 2nd and 5th graders in Monterey County. These bicycles and pedestrian safety educational programs will take place at elementary schools in the Salinas Valley, Marina, and Salinas over the next two years.

Committee member Mike LeBarre liked the idea of mini grants to assist with food and prizes for schools and etc.

Committee member Ralph Wege noted that we provide support to the Monterey County on filling out grant applications for sidewalk gaps.

7. GO 831 TRAVELER INFORMATION/RIDESHARE PROGRAM

The Committee received an update on the Traveler Information/Rideshare Program (Go831).

Ariana Green, Associate Transportation Planner, reported the Go 831 Traveler Information/Rideshare Program seeks to reduce traffic, improve air quality and promote health by encouraging alternatives to driving alone. She also noted that the Traveler Information/ Rideshare program will use the latest technology and robust communications to help travelers find alternatives to driving to work, school or special events. The primary goal of the program is to reduce traffic congestion in Monterey County by encouraging carpools, vanpools, use of transit, biking, walking, staggered work schedules, and telecommuting.

The committee had the following comments and suggestions:

- A lot of commute potential with the assisting traveler information
- Like the commute match idea
- Consider using the trip tracker application

8. ANNOUNCEMENTS AND/OR COMMENTS

Committee member Jeff Wriedt announced that Mari Lynch asked to look at her new home page at BikeMonterey.org.

Committee member Chris Flescher noted that he noticed that the City of Salinas is fixing a lot of sidewalks.

Virginia Murillo announced that on Saturday, April 7th there will be a open house bus and walking tour on Del Rey Oaks Blvd. please contact Virginia for more information.

Matthew McCluney announced that CSUMB is accepting applications for Sustainability Education and Outreach Assistant.

Committee member Ernesto Gallardo noted that he will be attending a park dedication to his father at a local park.

Chair Lisa Rheinheimer noted that the next committee meeting will be May 2nd in Gonzales.

9. ADJOURNMENT

Chair Lisa Rheinheimer adjourned the meeting at 7:36 p.m.



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Virginia Murillo, Transportation Planner

Meeting Date: May 2, 2018

Subject: Draft Active Transportation Plan

RECOMMENDED ACTION:

REVIEW the draft Monterey County Active Transportation Plan; and **PROVIDE** comments by May 31, 2018.

SUMMARY:

The Active Transportation Plan is an update of the 2011 Bicycle and Pedestrian Master Plan. The focus of the 2018 Plan update is to meet the State Active Transportation Program guidelines, incorporate innovative bicycle facility designs, and promote high priority projects.

FINANCIAL IMPACT:

The Plan will position high priority projects to be more competitive for grant funding, such as the State's Active Transportation Program. The upcoming ATP cycle funding estimate is \$445 million for FY2019/20 to FY2022/23. Staff time, and Alta Planning + Design's contract totaling \$124,891, are both included in the adopted TAMC budget.

DISCUSSION:

The goal of the Monterey County Active Transportation Plan is to meet State's Plan guidelines, identify high priority bicycle and pedestrian projects, and identify opportunity sites for innovative bicycle facility design, and designating areas for enhanced regional and local connectivity.

Public Outreach:

The development of this Plan started in 2016. In May 2016, Committee members from the Bicycle and Pedestrian Committee and the Technical Advisory Committee participated in a mapping activity to identify bicycle and pedestrian improvements throughout Monterey County. In August 2016,

Committee members provided input on the list of projects identified in the May mapping exercise. From September to December 2016, TAMC staff set up an online mapping public input tool. Members of the public were able to provide feedback on: barriers to bicycling/walking, routes that they currently walk/bike, and routes that they would like to bike/walk if improvements were made. Approximately 300 people submitted 430 comments via the Wikimapping tool. Staff collaborated with the Monterey County Health Department to gather input from their Greenfield Leadership and Civic Engagement group, and collaborated with the City of Gonzales to host a South County public workshop.

Plan, Projects and Ranking:

Since the public outreach phase of this project, TAMC staff met with city and county staff to review public comments and to discuss city priorities. TAMC staff then developed draft ranked project lists for each of the Monterey County jurisdictions, based on the State Active Transportation Program grant scoring criteria and input received from the Bicycle and Pedestrian Committee and the Technical Advisory Committee. The scoring measurement methodology and data sources as well as a refined scale for how points are distributed among these categories (**see attachment**): Safety, Connectivity, Comfort, Active Transportation Trips, Equity, Complete Streets Opportunity projects, and, Quality Facilities.

An interactive map and the draft ranked project lists for each of the cities and the County of Monterey are posted on the Active Transportation Plan website: http://www.tamcmonterey.org/programs/bike-ped-plan/. Attached is the Executive Summary of the Active Transportation Plan. The projects identified as regional priorities are those that scored in the top 25% of all projects countywide. Based on input from the local jurisdictions and the project scores, Alta Planning + Design will develop conceptual designs for the following projects:

Jurisdiction	Location	<u>type</u>
Carmel	Ocean Ave (San Carlos to Hwy 1)	pedestrian and bike improvements
Del Rey Oaks	Carlton Dr (Canyon Del Rey to Plumas)	bike/pedestrian path
Gonzales	Johnson Canyon Rd (Faneo Rd to Iverson Rd)	bike/pedestrian path
Greenfield	Walnut Ave (El Camino Real to US 101)	bike lanes
King City	San Antonio Dr (Broadway Ave to Mildred Ave)	bike/pedestrian path
Marina	Reservation Rd* (Salinas Ave to Del Monte Blvd)	protected bike lanes
Monterey	E. Downtown Bike Boulevard (Third St and Pearl, from Sloat to Van Buren)	bike route
Pacific Grove	Sinex Ave	bike boulevard/ bike lanes

	(Forest Ave to Asilomar Ave)	
Salinas	E. Alisal St* (Bardin Rd to Skyway Blvd)	bike/pedestrian path or protected bike lanes
Salinas	E. Laurel Ave* (Adams St to Williams Rd)	bike lanes or protected bike lanes where feasible
Sand City	Monterey Branch Line (Tioga Ave to California Ave)	bike and pedestrian path
Seaside	Fremont Blvd (Canyon Del Rey Blvd to Monterey Rd)	bike lanes or protected bike lanes
Seaside	Del Monte Blvd (Broadway to Fremont Ave)	bike lanes or protected bike lanes
Soledad	Front St (East St to 4th St)	bike lanes
Monterey	Castrovilla Chualar	sidewalk gans and nedestrian improvements

^{*}Regional priority project based on plan's ranking criteria

Castroville, Chualar

The intent of the conceptual designs is to advance these high-priority projects into project development and make them more competitive for ATP grant funding. Following release of the draft Active Transportation Plan, staff will conduct additional outreach to promote the draft Plan and coordinate with stakeholders on the conceptual design development. Public comment will be accepted until May 31, 2018.

ATTACHMENTS:

County

- Project Ranking Criteria
- Executive Summary

sidewalk gaps and pedestrian improvements

Criteria Safety (20 points) Addresses a location with a high bicycle and pedestrian collision history, or addresses a location that is associated with greater

cyclist or pedestrian

stress such as streets

vehicle volumes and/or

with higher motor

posted speeds.

Measurement Methodology

UC Berkeley TIMS:

1 or more fatalities or severe injury collisions at project location (5 points);

2< collisions at the project location (4 points);
2< collisions within close proximity of the
project location (3 points);</pre>

2> collision within close proximity of the project location (2 points);

0 collisions within close proximity of the project location (1 point)

CalEnviroScreen 3.0 Traffic Density percentiles:

100-80 (5 points);

80-70 (4 points);

50-40 (3 points);

40-30 (2 points);

20 - 0 (1 point)

Speeds:

>40 mph (5 points)

>30 mph (3 points)

>20 mph (2 points)

Roadway Classification:

Project is located on or crosses a major arterial (5 points);

Project is located on or crosses a minor arterial (4 points);

Project is located on or crosses a collector arterial (3 points);

Project has no arterial crossings (2 points)

Data Source

UC Berkeley Traffic Injury Mapping System collisions data from 2010 - 2016

https://tims.berkeley.edu/

CalEnviroScreen 3.0 - Traffic Density

https://oehha.ca.gov/calenviroscreen/indicator/traffic-density

Speeds/Roadway Classification

Speed data: Association of Monterey Bay Area Governments Regional Roadway Network data.

Roadway classification: Caltrans California Road System Maps

(http://www.dot.ca.gov/hq/tsip/hseb/crsmaps/)

The breakdown of points for the speed and roadway classifications is based on research regarding speed and injury severity for pedestrians.

Notes

Crash data is a historical and responsive variable, while the remaining safety data points are predictive variables for identifying locations that will improve bike and pedestrian safety.



Figure 1: Image source - Seattle Department of Transportation. (September 2010).

Monterey County Active Transportation Plan Ranking Methodology

Connectivity (20 points)

Fills a gap or creates access in an existing route to major destinations. Will remove a barrier or close a system gap in the active transportation network.

Major Destinations:

Serves 2 or more major regional destinations, project located on a regional wayfinding route (10 points);

Serves 1 major regional destinations, project connects to a regional wayfinding route (7 points);

Serves 2 or more local destinations (5 points); Serves 1 local destination (3 points); Serves residential neighborhood only (1 point)

Closes a Gap:

Connects to 1 regional or 2 local or more bike/pedestrian facilities that are existing or planned, project located on a regional wayfinding route (10 points);
Connects to 1 local existing or planned bike/pedestrian facility, project connects to a regional wayfinding route (7 points);
Project connects to 2 or more local destinations (5 points);
Does not connect to an existing or planned bike/ped facility (1 point)

Major Destinations:

Regional destinations are large employment centers, colleges and universities, hospitals, shopping centers, downtown commercial centers and transit stations.

Local destinations are elementary, middle and high schools, libraries and other community centers.

Closes a Gap:

Based on 2011 Master Plan database and TAMC existing bikeways data and Regional Wayfinding Plan data.

Monterey County Active Transportation Plan Ranking Methodology

Comfort (20 points) Creates a more comfortable walking or bicycling experience for the user by using innovative bicycle and/or pedestrian treatments such as cycle tracks, bike boxes or pedestrian countdowns.	Treatment: Innovative and physically separated treatment (20 points); Physically separated treatment (15 points); Innovative visually separated treatment (10 points); Mixed with traffic treatment (5 points)	Innovative and physically separated treatment: bike boxes, cycle tracks with physical buffer Physically separated treatment: Sidewalk, curb extensions, shared use path, Innovative visually separated treatment: Pained buffered bike lane, advisory shoulder, crosswalk, high-visibility crosswalk, pedestrian countdowns, bike boulevard Mixed with traffic treatment: Bike routes, bike boulevards, yield roadway	Source: FHWA Small Town and Rural Design Guide-Facilities for Biking and Walking
Active Transportation Trips (15 points) Expected to generate an increase in bicycling and/or walking trips by providing a connection between or access to major destinations, such as: employment centers, shopping centers, community centers, schools and transit stations	Connects to 2 or more regional destinations (15 points); Connects to 1 regional destination and 1 school (13 points); Connects to 2 or more local destinations and 1 school (10 points); Connects to 1 local destination (5 points); Connects to a route, but no destination (3 points); Does not connect to a destination (1 point)	Destinations: Regional destinations are large employment centers, colleges and universities, hospitals, shopping centers, downtown commercial centers and transit stations. Local destinations are elementary, middle and high schools, libraries, local civic centers and other community centers.	

Monterey County Active Transportation Plan Ranking Methodology

Equity (10 points) Serves disadvantaged communities including households living in poverty, children and the elderly, and people of color. The State's CalEnviroScreen 2.0 Population Characteristics Indicators tool will be used to measure equity.:	CalEnviroScreen 3.0 percentiles: 100-80 (5 points); 80-70 (4 points); 50-40 (3 points); 40-30 (2 points); 20 - 0 (1 point) Public Health Disadvantage Index percentiles: 100-76 (5 points) 75-51 (4 points) 50-26 (3 points) 25 - 0 (2 points)	CalEnviroScreen 3.0 - Population Characteristics https://oehha.ca.gov/calenviroscreen/pop ulation-indicators Public Health Alliance of Southern California - California Health Disadvantage Index http://phasocal.org/ca-hdi/	The Public Health Disadvantage Index includes more social equity factors, such as access to a vehicle, that are not included in the CalEnviroScreen scores.
Complete Streets Opportunity Projects (10 points) Integrates active transportation facilities into pre-existing or planned roadway or maintenance projects	Project located on a CIP street (10 points); Project connects to a CIP street (5 points); Project not on or not connected to a CIP street (1 point)	TAMC Measure X Safety & Investment Plan 5-year Capital Improvement Projects http://www.tamcmonterey.org/measure-x/programs-projects/	
Quality Facilities (5 points) Improves the quality of an existing facility with high existing usage in a way that will increase usage.	Yes (2 points) No (1 point)		This is a yes or no question. If there is an existing facility, and a new treatment at the facility is included in the Plan then the answer is YES.





EXECUTIVE SUMMARY

The 2018 Transportation Agency for Monterey County Active Transportation Plan is an update of the 2011 Bicycle and Pedestrian Master Plan, which identified all existing and proposed bicycle and pedestrian facilities in Monterey County. This Plan identifies remaining gaps in the bicycle and pedestrian network and opportunity areas for innovative bicycle facility design. This Plan will be used to pursue grant funding and effectively use Monterey County's Measure X investments to ensure that planned street improvements include bicycle and pedestrian improvements.

New to this update is the inclusion of protected bike lanes. Caltrans added them to their numbering scheme as Class 4 facilities.

- Class 1 Bike Path: separate from the road
- Class 2 Bike Lane: painted strip to the right of mixed vehicle flow lanes
- Class 3 Bike Routes: Signed shared facilities & sharrows
- Class 4 Protected Bike Lanes

Protected bike lanes use curbs, planters, parked cars, or posts to separate bike and auto traffic on busy streets, and have been shown to be much more effective than conventional bike lanes. They make cycling safer, improve adjacent walking facilities, and help calm vehicle traffic.

Nationally, since the 2011 version of this plan, added emphasis has been placed on "low-stress networks" that serve people of all ages and abilities. In addition to separate bike paths and protected bike lanes, other examples of low-

stress facilities include bicycle boulevards, and bike protection at intersections. Communities who have implemented a connected network of low-stress bike facilities have experienced significant increases in cycling.

Organization of the Plan

This Plan is organized to meet the State guidelines for Active Transportation Plans:

Chapter 1. Introduction: Gives an overview of the current bicycle and pedestrian mode shares, sets the Plan vision, goals, objectives and policies, and explains the community engagement activities utilized to develop this Plan.

Chapter 2. Existing Conditions: Describes existing land use, County demographics, infrastructure and bike/pedestrian safety statistics.

Chapter 3. Active Transportation Plans & Programs: Reviews existing plans and programs that support biking and walking in the County.

Chapter 4. Best Practices & Benefits of Active Transportation: Outlines innovative designs, and the public health, economic and environmental benefits of biking and walking.

Chapter 5. Recommended Projects:

Provides, for each jurisdiction, a
demographic profile, safety analysis and
recommended improvements.

Chapter 6. Funding & Implementation:
Reviews information about available
project funding and outlines the Plan's
implementation strategy.



Vision & Goals

Vision: Active transportation will be an integral, convenient and safe part of daily life in Monterey County for residents and visitors of all ages and abilities.



Children at the 2015 Ciclovia Salinas

To pursue this vision, this Plan emphasizes planning, designing and building bicycle and pedestrian facilities that will be used by people of all ages and abilities.

These Plan goals support this vision:

- Active Transportation Trips: Increase the proportion of trips accomplished by biking and walking throughout Monterey County.
- <u>Safety:</u> Improve bicycle and pedestrian safety.
- <u>Connectivity:</u> Remove gaps and enhance bicycle and pedestrian network connectivity.
- **Equity:** Provide improved bicycle and pedestrian access to diverse areas and populations in Monterey County via public engagement, program delivery and capital investment.



- <u>Education:</u> Increase awareness of the environmental and public health benefits of bicycling and walking for transportation and recreation.
- Quality Facilities: Improve the quality of the bike and pedestrian network through innovative design and maintenance of existing facilities.

Recommended Projects & Prioritization

Currently, there are approximately 221 miles of bikeways throughout Monterey County. The proposed bikeway and pedestrian projects included in this Plan come from:

- Projects identified in the 2011 Bicycle and Pedestrian Master Plan that have not been implemented;
- Local planning documents; and,
- Public comments received during the development of this Plan.

594.4 miles of additional bikeways improvements were identified in this Plan, including 27 miles of Class 4 protected bike lanes. Regional projects, such as the Fort Ord Regional Trail and Greenway proposed route is included in the Plan; however, that project is not ranked in this Plan.

Proposed Bikeway Improvements



Bikeway Types	Miles
Class 1 - bike/ped path	26.3
Class 2 - bike lanes	286.0
Class 3 - bike route /sharrows	255.1
Class 4 - protected bike lanes	27.0
TOTAL	594.4





Staff conducted an extensive analysis to identify high priority bikeway projects, utilizing project ranking criteria that reflects Plan goals and corresponds to the State Active Transportation Program criteria. The scoring criteria also reflect input from the Bicycle and Pedestrian Committee and the Technical Advisory Committee, and are as follows:

- Safety (20 points)
- Connectivity (20 points)
- Comfort (20 points)
- Active Transportation Trips (Demand: 15 points)
- Equity (10 points)
- Complete Streets Opportunity projects (10 points)
- Quality Facilities (5 points)

Projects may be sorted by these categories; for example, the project lists can be sorted by safety based on the safety score. Following the prioritization, and consultation with local public works staff, the projects listed in **Table 1** are the top three high-priority projects for each city and the County of Monterey. **Table 2** summarizes the projects that will be developed into conceptual designs. The intent of developing conceptual designs is to make these projects more competitive for grant funding and advance these projects into development and implementation.

Pedestrian Improvements



Туре	Quantity
Sidewalk	7.3 miles
Pedestrian Intersection	30
Improvement	locations
guardrail improvements	1.3 miles

While sidewalks are largely contiguous throughout most of the urbanized Monterey County communities, many sidewalk gaps were identified in Castroville, Chualar, San Lucas, and San Ardo. Pedestrian intersection improvements were identified throughout the County. Staff did not rank the pedestrian projects.

Implementation & Funding

The implementation of the projects in this Plan will occur over time as funding becomes available. The ability for local jurisdictions to leverage regional and state grant funding will be crucial for project implementation. That said, many of the safety and complete streets projects can be installed as part of regularly-scheduled street and road maintenance improvements.

There are two main funding sources that local cities and Monterey County can use to implement the active transportation improvements in this Plan: Measure X funds (both local and safe routes), State Active Transportation Program, and California Senate Bill 1 funds.





Table 1: Top Priority Local Bikeway Projects

ID#	Jurisdiction	Street	From	То	Miles	Class	Facility Type	TOTAL Points (out of 100)	Cost Estimate
CAR-10	Carmel-by- the-Sea	San Carlos St - Rio Road	Lasuen Dr	Camino del Monte Ave	1.15	3	bike route	55	\$13,855
CAR-3	Carmel-by- the-Sea	Ocean Ave	San Carlos St	Hwy 1	0.61	3	bike route	53	\$7,329
CAR-9	Carmel-by- the-Sea	8th Ave	Scenic Rd	San Carlos St	0.38	3	bike route	52	\$4,622
DRO-1	Del Rey Oaks	Canyon del Rey Blvd	General Jim Moore Blvd	Hwy 68	0.76	2	bike lane	55	\$39,660
DRO-2	Del Rey Oaks	South Boundary Rd	General Jim Moore Blvd	York Rd	1.73	2	bike lane	52	\$90,424
DRO-4	Del Rey Oaks	Ryan Ranch Rd	Canyon del Rey Blvd	end of Ryan Ranch	0.42	2	bike lane	49	\$21,878
GZ-6*	Gonzales	Alta St	10th St	1St St	0.64	4	protected bike lane	74	\$762,219
GZ-16*	Gonzales	Alta St	1st St	C St	0.21	2	bike lane	71	\$11,023
GZ-7	Gonzales	5th St	Alta St	Herold Pkwy	0.81	3	bike route	65	\$9,810
GR-1	Greenfield	El Camino Real	Thorne Rd	Walnut Ave	0.93	3	bike route	59	\$11,288
GR-2	Greenfield	El Camino Real	Apple Ave	Hwy 101 Ramp	0.89	3	bike route	56	\$10,775
GR-9	Greenfield	Elm Ave	4th St	3rd St	0.25	2	bike lane	54	\$13,044

^{*}Regional Projects that ranked among the top 25% countywide are in **bold** typeface.





ID#	Jurisdiction	Street	From	То	Miles	Class	Facility Type	TOTAL Points (out of 100)	Cost Estimate
KC-1*	King City	1st St	US 101	Bitterwater Rd	1.21	4	protected bike lane	71	\$1,433,640
КС-2	King City	King St	Sandringham St	Beech St	0.77	4	protected bike lane	66	\$919,919
KC-3	King City	Beech St	San Antonio Dr	King St	0.15	4	protected bike lane/cycletrack	65	\$178,010
MAR-1*	Marina	Reservation Rd	Salinas Ave	Del Monte Blvd	1.39	4	protected bike lane	90	\$1,660,633
MAR-7	Marina	Reservation Rd	Salinas Ave	Blanco Rd	1.39	2	bike lane	71	\$72,950
MAR-6	Marina	Imjin Rd/12th St	Imjin Rd	Reservation Rd	2.72	2	bike lane	70	\$142,453
MAR-27	Marina	Cardoza Ave	Beach Rd	end of Cardoza Ave	0.49	2	bike lane	48	\$25,869
MRY-4	Monterey	Monterey Rec Trail	English Ave	David Ave	3.1	1	bike path	58	\$1,307,470
MRY-46	Monterey	Pearl- Jefferson- Johnson- Skyline	Camino Aguajito	Alvarado St	0.69	3	bike route/ boulevard	51	\$8,404
MRY-33	Monterey	Van Buren St	Madison St	Scott St	0.45	3	bike route/ boulevard	46	\$5,426
PG-15	Pacific Grove	Forest Ave	Sinex Ave	Ocean View Blvd	0.68	2	bike lane	65.5	\$35,762
PG-1	Pacific Grove	Pine Ave	Spencer St	Alder St	1.12	4	protected bike lane	56	\$1,338,064

^{*}Regional Projects that ranked among the top 25% countywide are in **bold** typeface.





ID#	Jurisdiction	Street	From	То	Miles	Class	Facility Type	TOTAL Points (out of 100)	Cost Estimate
PG-3	Pacific Grove	Sinex Ave	David Ave	Asilomar Ave	0.96	2	bike lane	45	\$50,304
SNS-8*	Salinas	E Alisal St	N Madeira Ave	Skyway Blvd	1.16	4	protected bike lane	85	\$1,385,852
SNS-10*	Salinas	Laurel Dr	Adams St	Williams Rd	3.39	4	protected bike lane	84	\$4,050,033
SNS-6*	Salinas	Natividad Rd	Sherwood Dr	Boronda Rd	2.03	4	protected bike lane	82.5	\$2,425,241
SNS-45	Salinas	E Alisal St	Bardin Rd	Skyway Blvd	0.86	3	bike route	61.5	\$10,408
SC-7*	Sand City	La Playa Ave	Metz Rd	Noche Buena St	0.49	2	bike lane	77.5	\$25,478
SC-3	Sand City	UPRR RWT	Tioga Ave	La Playa Ave	0.22	1	bike path	74	\$165,996
SC-6	Sand City	Tioga Ave	Metz Rd	Del Monte Blvd	0.15	3	bike route	72	\$1,796
SEA-24	Seaside	Broadway	Del Monte Blvd	Mescal St	1.58	2	bike lane	75	\$82,741
SEA-18	Seaside	General Jim Moore Blvd	Divarty St	Normandy Rd	1.16	1	bike path	71	\$892,156
SEA-23	Seaside	Del Monte Blvd	Canyon del Rey Blvd	Broadway	0.20	2	bike lane	69.5	\$10,587
SOL-2	Soledad	Kidder St	Front St	Market St	0.18	2	bike lane	65	\$9,517
SOL-3	Soledad	Front St	East St	4th St	0.59	2	bike lane	62	\$30,764
SOL-4	Soledad	San Vincente Rd	Vista del Sol Rd	Hwy 101	1.00	2	bike lane	58	\$52,191

^{*}Regional Projects that ranked among the top 25% countywide are in **bold** typeface.





ID#	Jurisdiction	Street	From	То	Miles	Class	Facility Type	TOTAL Points (out of 100)	Cost Estimate
MC-77*	County	Las Lomas Dr	Hall Rd	Clausen Rd	0.75	2	bike lane	76	\$39,363
MC-125*	County	Reservation Rd	Blanco Rd	Hwy 68	5.51	2	bike lane	75	\$288,521
MC-136*	County	Salinas Rd - Hall Rd - Tarpey Rd	Porter Dr	San Juan Rd	1.75	2	bike lane	74	\$91,191
				TOTAL	44.9				\$17,736,666

^{*}Regional Projects that ranked among the top 25% countywide are in **bold** typeface.





Table 2: Conceptual Design Projects

ATP ID	<u>Jurisdiction</u>	<u>Location</u>	<u>type</u>
<u>#</u>			
DRO-4	Del Rey Oaks	Carlton Dr (Canyon Del Rey Blvd to Plumas Ave)	bike/pedestria n path
	Gonzales	*pending staff input	
GR-14	Greenfield	Walnut Ave (El Camino Real to US 101)	bike lanes
	King City	*pending staff input	
MAR-1	Marina	Reservation Rd (Salinas Ave - Del Monte Blvd)	protected bike lanes
MRY- 44	Monterey	East Downtown Bike Boulevard (Third St and Pearl from Sloat to Van Buren)	bike boulevard
PG-3	Pacific Grove	Sinex Ave(Forest Ave to Asilomar Ave)	bike boulevard/bike lanes
SNS-48	Salinas	E. Alisal St (Bardin Rd to Skyway Blvd)	bike/pedestria n bath or protected bike lanes
SNS-10	Salinas	E. Laurel Ave (Adams St to Williams Rd)	bike lanes or protected bike lanes where feasible
SC-3	Sand City	Monterey Branch Line (Tioga Ave to California Ave)	bike and pedestrian path
SEA-1	Seaside	Fremont Blvd (Canyon Del Rey Blvd to Monterey Rd)	bike lanes or protected bike lanes

SEA-2	Seaside	Del Monte Blvd (Broadway Ave to Fremont Ave)	bike lanes or protected bike lanes
SOL-3	Soledad	Front St (East St to 4th St)	bike lanes
various	Monterey County	Castroville, Chualar, San Lucas and San Ardo	sidewalk gaps and pedestrian improvements

Based on Committee and stakeholder input, the projects listed here are candidates for conceptual designs. The concept designs will include refined cost estimates, a visual rendering like the one shown here and conceptual engineering designs.





^{*}Regional Projects that ranked among the top 25% countywide are in **bold** typeface.



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Virginia Murillo, Transportation Planner

Meeting Date: May 2, 2018

Subject: Active Transportation Program Grant Cycle 4

RECOMMENDED ACTION:

RECEIVE presentation and **PROVIDE** input on proposed local Active Transportation Program grant projects.

SUMMARY:

The State Active Transportation Program is a competitive grant program that funds bike and pedestrian infrastructure improvements and projects. The call for projects begins May 16, with applications due on July 31. Staff will present an overview of anticipated projects for this funding cycle.

FINANCIAL IMPACT:

Approximately \$492 million in federal funding, plus \$400 million in state SB 1 gas tax money, or a total of \$892 million, will be allocated in the upcoming Cycle 4 Active Transportation Program (ATP) for fiscal years 2019/20 through 2022/23.

DISCUSSION:

The State Active Transportation Program was created by Senate Bill 99 of 2013. The program's purpose and goals are to increase the proportion of trips accomplished by biking and walking, increase safety for these modes, reduce greenhouse gases, enhance public health, and provide a benefit to disadvantaged communities. The program consolidated various transportation funding sources into a single program totaling approximately \$123 million a year from a combination of state and federal monies. Most recently, SB 1 added \$100 million per year to the program, nearly doubling the amount of available funds for active transportation projects.

Monterey County jurisdictions have been successful in obtaining ATP funds. Examples of projects

funded by the ATP in Monterey County include:

- Moss Landing trail segment of the Monterey Bay Sanctuary Scenic Trail network
- Las Lomas bike and pedestrian improvements in North Monterey County
- North Fremont Street bike and pedestrian improvements in Monterey
- West Broadway St bike and pedestrian improvements in Seaside
- Via Salinas Valley bike and pedestrian improvements and educational outreach in Salinas, Gonzales, Greenfield, Soledad and King City.

TAMC staff has been coordinating with local cities and the county to identify projects that will be competitive for the upcoming ATP funding cycle. For this funding cycle, the following agencies have indicated interest in submitting funding applications:

- Monterey County Health Department (with TAMC): traffic gardens, bike and pedestrian safety education in schools throughout the County
- Monterey County Resource Management Agency: pedestrian improvements, bike and pedestrian education in Castroville and Chualar, possibly San Lucas and San Ardo
- Pacific Grove: bike and pedestrian improvements on Forest Avenue and Sunset Avenue (Hwy 68)
- King City: San Antonio Drive bike and pedestrian improvements
- TAMC: Fort Ord Regional Trail and Greenway (portion)

TAMC staff is coordinating the development of concept designs for the projects in Salinas and King City as part of the Monterey County Active Transportation Plan in order to support the development of ATP grant applications.

WEB ATTACHMENTS:

Draft Active Transportation Program Guidelines



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Ariana Green, Associate Transportation Planner

Meeting Date: May 2, 2018

Subject: Monterey County Bike/Walk Challenge

RECOMMENDED ACTION:

RECIEVE report on the 2018 Monterey County Bike/Walk Challenge.

SUMMARY:

Get ready to bike and walk to work this May! The first annual Monterey County Bike/Walk Challenge will kick-off during National Bike to Work Week (May 14, 2018) and end on May 31, 2018. Businesses, teams and participants who walk and bike the most will have a chance to win prizes and recognition.



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Virginia Murillo, Transportation Planner

Meeting Date: May 2, 2018
Subject: Media Clips

RECOMMENDED ACTION:

RECEIVE media clippings attached online.

WEB ATTACHMENTS:

- April 5, 2018: Toro Park trail conundrum revisited, Monterey Herald
- April 11, 2018: Uber Pivots to On-Demand Everything, City Labs
- April 16, 2018: "Life Is Sacred" How Bogotá Reduced Road Deaths and Homicides Together, World Resource Center
- April 18, 2018: Creating Bike Lanes Isn't Easy. Just Ask Baltimode. Or Boulder. Or Seattle. Wall Street Journal.
- April 19, 2018: While pros dominate at Laguna Seca this weekend, long-term trail projects and questions for local cyclists are inching forward, Monterey County Weekly
- April 21, 2018: Brace for detours and traffic on Hwy 1 in Carmel during construction, Monterey County Weekly



Memorandum

To: Bicycle and Pedestrian Facilities Advisory Committee

From: Virginia Murillo, Transportation Planner

Meeting Date: May 2, 2018

Subject: Reports

RECOMMENDED ACTION:

RECEIVE reports attached online.

WEB ATTACHMENTS:

• Caltrans District 4 Bike Plan for the San Francisco Bay Area 2018