



## 2018 Monterey County Active Transportation Plan

### 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.



## 2018 Monterey County Active Transportation Plan

### 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 Ciclovía 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.
- **Safety:** Improve bicycle and pedestrian safety.
- **Connectivity:** 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.

- **Education:** 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
<b>TOTAL</b>	<b>594.4</b>



## 2018 Monterey County Active Transportation Plan

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



Type	Quantity
Sidewalk	7.3 miles
Pedestrian Intersection Improvement	30 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.



## 2018 Monterey County Active Transportation Plan

**Table 1: Top Priority Local Bikeway Projects**

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



## 2018 Monterey County Active Transportation Plan

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

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ID #	Jurisdiction	Street	From	To	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

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ID #	Jurisdiction	Street	From	To	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
				<b>TOTAL</b>	<b>44.9</b>				<b>\$17,736,666</b>

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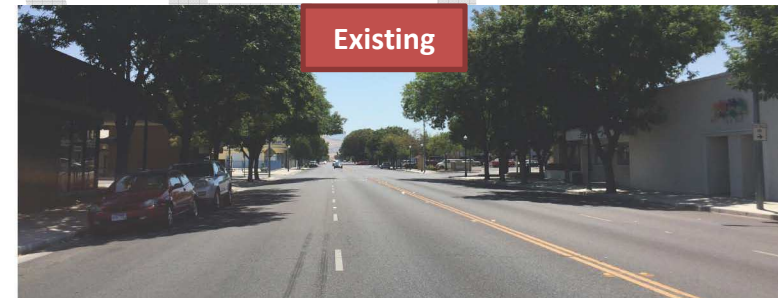


**Table 2: Conceptual Design Projects**

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

<b>SEA-2</b>	Seaside	Del Monte Blvd (Broadway Ave to Fremont Ave)	bike lanes or protected bike lanes
<b>SOL-3</b>	Soledad	Front St (East St to 4th St)	bike lanes
<b>various</b>	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.



Source: Alta Planning + Design

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