



2018 Monterey County Active Transportation Plan

5.9 Pacific Grove

Demographic Profile

The City of Pacific Grove is a small town in the Monterey Peninsula, with a population of 15,498 based on the California Department of Finance 2017 estimates. The median age in Pacific Grove is 49, which is older than the median age of 33¹ countywide. Approximately 7.6% of the City’s population is 80 years of age or older and 13% are younger than 18². Additionally, Pacific Grove has a significant college student population due to its proximity to Monterey Peninsula College, the Presidio of Monterey and the Naval Post Graduate School. This age profile, indicates a need for safe active transportation options as these populations tend to have higher rates of biking and walking due to lack of access to vehicles.

Pacific Grove’s scenic beauty and its location on the Monterey Bay neighboring the City of Monterey, Del Monte Forest, the Monterey Bay Aquarium that make Pacific Grove a significant tourist destination. Pacific Grove’s visitor population peaks during the weekends and over the summer months.

Safety Profile

Bicyclists and pedestrians are vulnerable users of the road. In the City of Pacific Grove, from 2010 to 2016, bicycle and pedestrian collisions made up a significant number of all collisions. Of the 148 collisions in Pacific Grove during this time period, there were 51 collisions that

involved bicyclists and pedestrians³. Meaning that bicyclists and pedestrians accounted for approximately 21% or nearly 1 out of every 5 collisions.



The following charts and maps provide a detailed statistical profile of bike and pedestrian collisions from 2010 to 2016 based on data from the UC Berkeley Traffic Injury Mapping System. A chart showing non-pedestrian and non-bicycle collisions is also presented to provide context for the analysis during this time period.

¹ Census 2012-2016 American Community Survey estimates, Table S0101

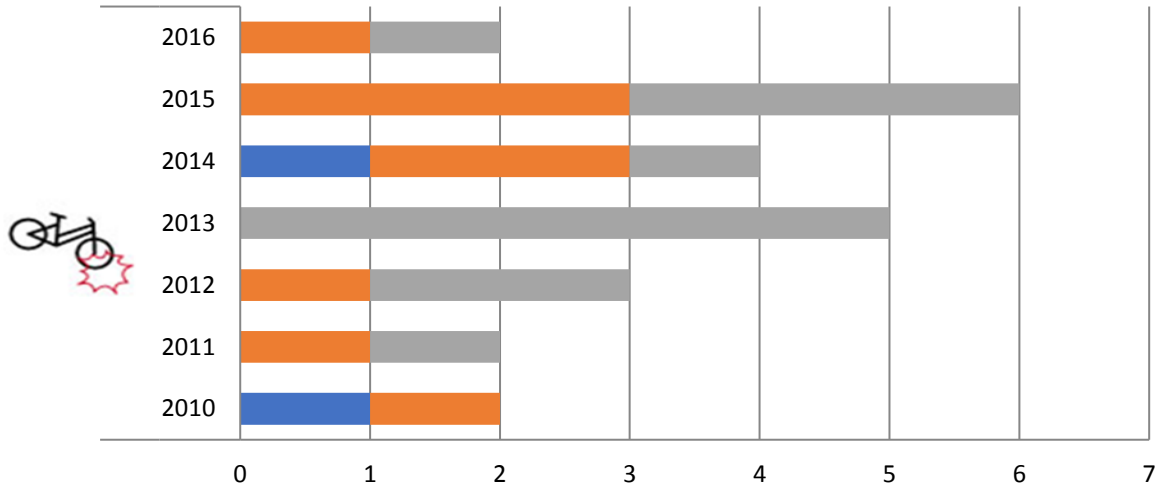
² Ibid.

³ UC Berkeley Traffic Injury Mapping System data <https://tims.berkeley.edu/>



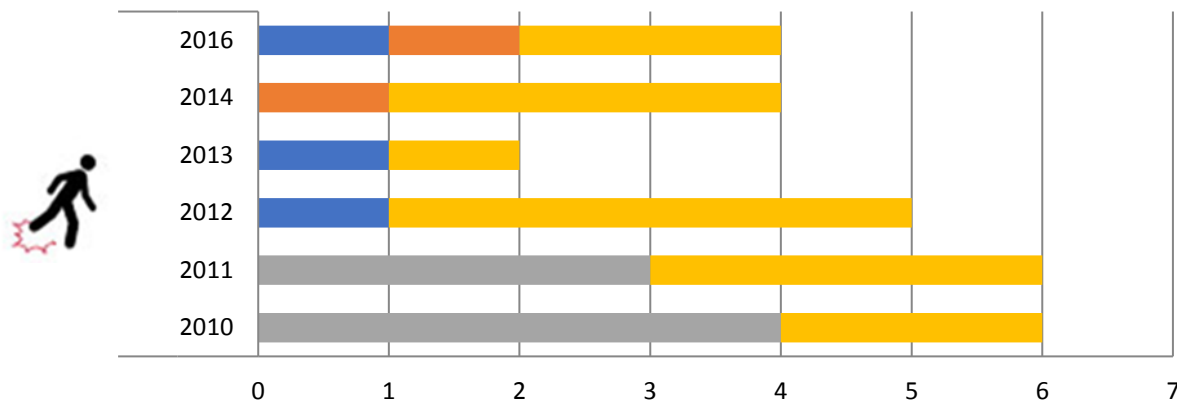
2018 Monterey County Active Transportation Plan

Fatal & Injury Bicycle Collisions: 2010 - 2016



	Y						
	2010	2011	2012	2013	2014	2015	2016
■ 2-Severe Injury	1				1		
■ 3-Complaint of Pain	1	1	1		2	3	1
■ 4-Other Visible Injury		1	2	5	1	3	1

Fatal and Injury Pedestrian Collisions: 2010 - 2016

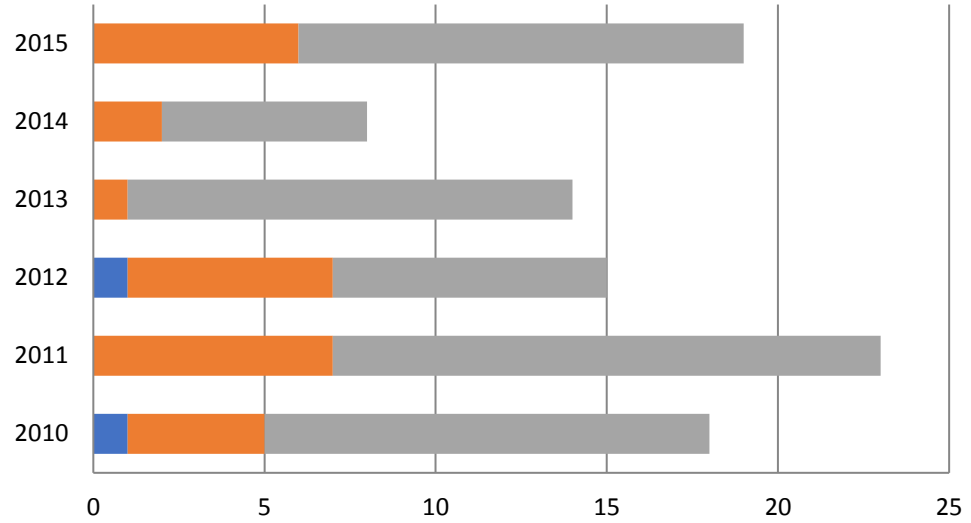


	Y					
	2010	2011	2012	2013	2014	2016
■ 1-Fatality			1	1		1
■ 2-Severe Injury					1	1
■ 3-Other Visible Injury	4	3				
■ 4-Complaint of Pain	2	3	4	1	3	2

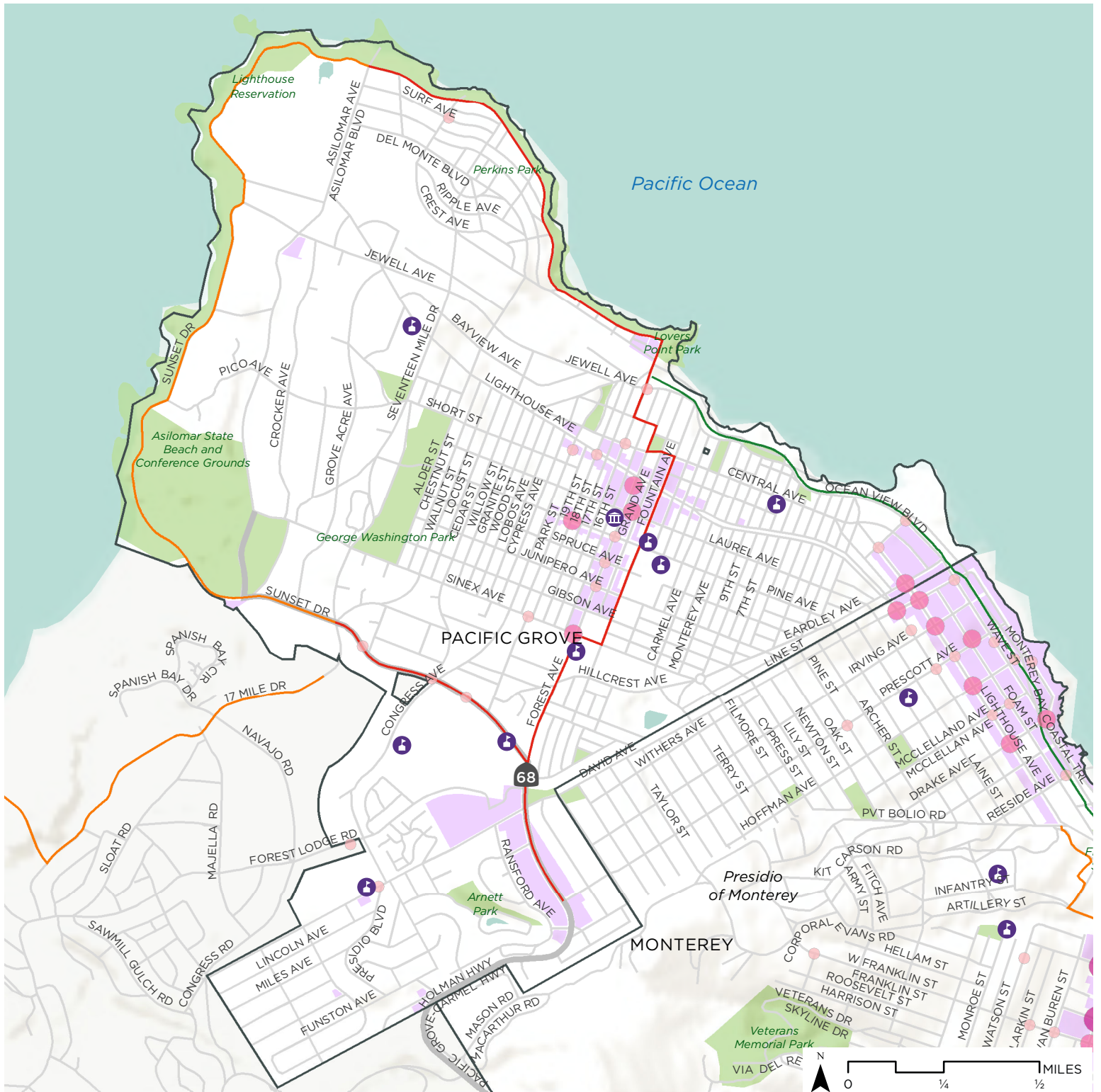


2018 Monterey County Active Transportation Plan

Fatal and Injury Vehicle Collisions: 2010 - 2016



	2010	2011	2012	2013	2014	2015
■ 2-Severe Injury	1		1			
■ 3-Other Visible Injury	4	7	6	1	2	6
■ 4-Complaint of Pain Injury	13	16	8	13	6	13



Pacific Grove

Monterey County Active Transportation Plan

Existing Bikeways

- Class I Shared Use Path
- Class II Bike Lane
- Class III Bike Route

>>> Uphill bikeway
(Slope > 4%)

Points of Interest

- K-12 School
- City Hall

Land Use

- Park/Open Space
- Commercial Area
- City Boundary

Pedestrian Collisions

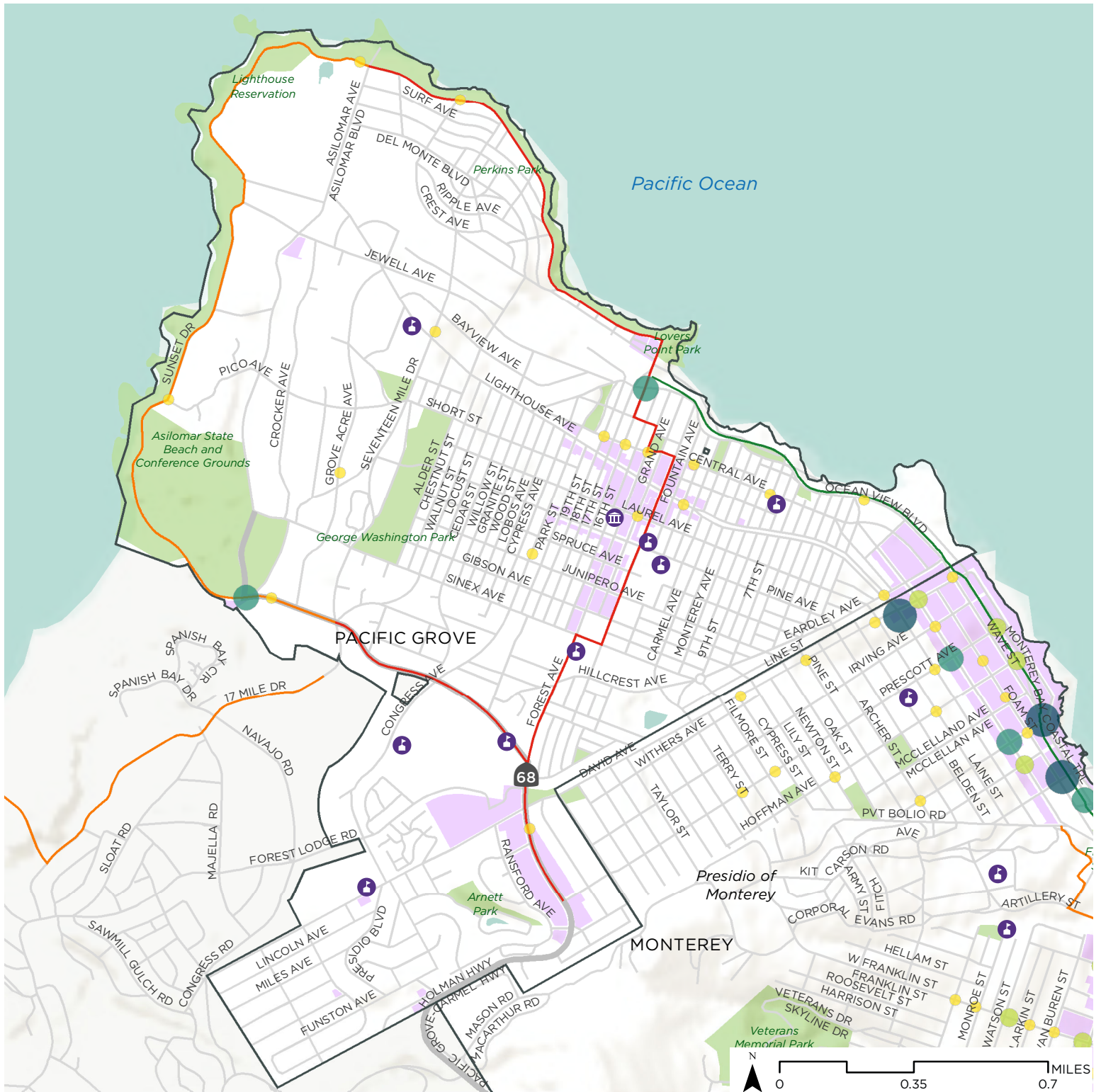
- 1
- 2 - 3
- 4 - 6



Data provided by Monterey County TAMC, UC Berkeley TIMS 2010-2016. Terrain data by ESRI, NOAA.

Map produced October 2017 by Alta Planning + Design.





Pacific Grove

Monterey County Active Transportation Plan

Existing Bikeways

- Class I Shared Use Path
- Class II Bike Lane
- Class III Bike Route

Points of Interest

- K-12 School
- City Hall

Land Use

- Park/Open Space
- Commercial Area
- City Boundary

>>> Uphill bikeway
(Slope > 4%)

Bicycle Collisions

- 1
- 2
- 3 - 5
- 6 - 8



Data provided by Monterey County TAMC, UC Berkeley TIMS 2010-2016. Terrain data by ESRI, NOAA.

Map produced October 2017 by Alta Planning + Design.





2018 Monterey County Active Transportation Plan

Plans, Programs & Policies

This Active Transportation Plan builds on the goals, policies, objectives and programs of other Pacific Grove plans. The bicycle and pedestrian improvements identified in the City's plans are included in this Active Transportation Plan.

Pacific Grove General Plan

Pacific Grove adopted its most current General Plan in 1994. The General Plan's Transportation Chapter points out that Pacific Grove is in a position to adopt strategies to minimize the demand for auto travel by providing improved facilities for bicycling, walking and transit. The following goals support the improvements in this Plan:

- System Goal A: Create and maintain a transportation network, including pedestrian ways, bikeways and streets, to provide for the safe and efficient movement of people and goods throughout the city
- System Goal C: De-emphasize auto usage through Transportation Systems Management while encouraging walking, bicycling, car/vanpooling and greater transit ridership

Forest Hill Specific Plan

The 1998 Forest Hill Specific Plan provides additional policy direction and covers both sides of Forest Avenue—extending generally one lot deep on each side—from David Avenue to just south of Piedmont Avenue. The policies in this Plan support active transportation improvements on Forest Ave.

Pacific Grove Highway 68 Study

In 2016, Pacific Grove partnered with TAMC and Caltrans to identify improvements that will provide safer access for all modes of travel. The study area includes Highway 68 between the Pacific Grove city limits and Asilomar Boulevard, and is divided into two distinct segments: 1) Forest Avenue between the City limits and Sunset Drive, 2) Sunset Drive from Forest Avenue to Asilomar Boulevard. The study recommended these improvements to make Highway 68 more complete:

- Continuous sidewalks, curb extensions, and enhanced pedestrian crossings
- Protected bike lanes and cycletracks
- Streetscape improvements

Point Pinos Coastal Trail Study & Plan

In 2017, the City of Pacific Grove and the California Coastal Conservancy funded this study to complete the 0.8 California Coastal Trail segment, eliminate existing informal trails that encroach into sensitive dune habitat, improve bicyclist and pedestrian safety and enhance the user experience. The overarching goal is to facilitate public enjoyment of the Point Pinos coastline in a safe and environmentally responsible manner. A formal coastal trail, envisioned as a 5-foot wide decomposed granite surface, will make it easier and safer for people to walk along the coast. This formal trail will provide greater coastal access to those with limited mobility. The project will include formalized and consolidated lateral access to the shoreline in the form of steps or ramps.



2018 Monterey County Active Transportation Plan

Figure 1: Point Pinos Trail Map



Public Comments

In addition to including projects identified in other City of Pacific Grove plans, the improvements included in the Active Transportation Plan draw from this Plan’s extensive public outreach campaign. The following table describes the comments received from the TAMC Bicycle and Pedestrian Committee, the TAMC Technical Advisory Committee and through public participation via the online Wikimapping tool.

	<p>Pedestrian Improvements</p>
<ul style="list-style-type: none"> • Road diet on Pine Ave to improve pedestrian safety by reducing crossing distances and improving pedestrian visibility • Pine Ave & Congress Ave intersection improvements to make cyclists and pedestrians more visible to cars • Congress Ave & Sunset Ave intersection improvements/roundabout 	
	<p>Bicycling Improvements</p>
<ul style="list-style-type: none"> • Bike route between Monterey and Pacific Grove that serves as an alternative to the Monterey Bay Sanctuary Scenic Trail 	



2018 Monterey County Active Transportation Plan

Proposed Projects

The following table represents recommended active transportation projects. The projects are ranked based on their priority within the City of Pacific Grove.

Bicycle Infrastructure Improvements

Rank	ATP ID#	Name	Location		Type	Length (miles)	Cost Estimate
1	PG-15	Forest Ave	Sinex Ave	Ocean View Blvd	bike lane	0.68	\$35,762
2	PG-1	Pine Ave* * City currently developing concept designs	Spencer St	Alder St	protected bike lane	1.12	\$1,338,064
3	PG-4	Central Ave	David Ave	1st St	bike lane	0.22	\$11,371
4	PG-17	17 Mile Dr	Hwy 68	840' S of Hwy 68	bike route	0.16	\$1,926
5	PG-3	Sinex Ave	David Ave	Asilomar Ave	bike lane	0.96	\$50,304
6	PG-5	Central Ave	1st St	Fountain Ave	bike route	0.51	\$6,159
7	PG-6	Lighthouse Ave	Ocean View Blvd	Asilmoar Blvd	bike route	0.22	\$2,603
8	PG-13	Asilomar Blvd	Lighthouse Ave	Ocean View Blvd	bike route	0.37	\$4,523
9	PG-2	Laurel Ave	Laine St	Alder St	bike route	1.23	\$14,883
10	PG-10	19th St - Park St	Jewell Ave	Hwy 68	bike route	0.99	\$12,014
11	PG-11	Lighthouse Ave	17 Mile Dr	Asilomar Blvd	bike route	0.47	\$5,722
12	PG-16	Asilomar Blvd	Sinex Ave	Lighthouse Ave	bike route	0.87	\$10,578
13	PG-12	Asilomar Blvd	Sunset Dr	Sinex Ave	bike route	0.23	\$2,839
14	PG-7	Jewell Ave	Lighthouse Ave	17th St	bike route	0.78	\$9,435
15	PG-9	Pine Ave	Alder St	17 Mile Dr	bike route	0.16	\$1,877
16	PG-14	Pine Ave	Eardley Ave	David Ave	bike route	0.05	\$576
17	PG-8	17 Mile Dr	Sunset Dr	Jewell Ave	bike route	0.81	\$9,789



2018 Monterey County Active Transportation Plan

[insert existing and proposed map]





2018 Monterey County Active Transportation Plan

Pedestrian Infrastructure Improvements

Pedestrian projects are unranked.

		Location		Type	Quantity (or feet)	Cost Estimate
		Pine Ave	Congress Ave	pedestrian intersection improvement		\$71,600.00
S-1	Sunset Dr (North side, Westbound)	Asilomar Avenue	Crocker Avenue	sidewalk	110	
S-2	Sunset Dr (North side, Westbound)	Crocker Avenue	1100 Sunset Drive (Kingdom Hall of Jehovah's Witnesses)	sidewalk	430	
S-3	Sunset Dr (North side, Westbound)	Grove Acre Avenue	17 Mile Drive	sidewalk	540	
S-4	Sunset Dr (North side, Westbound)	Maple Street	Walnut Street	sidewalk	610	
S-5	Sunset Dr (North side, Westbound)	Walnut Street	Cedar Street	sidewalk	960	
S-6	Sunset Dr (North side, Westbound)	Congress Avenue	19 th Street	sidewalk	820	
S-7	Sunset Dr (North side, Westbound)	642 Sunset Drive	636 Sunset Drive	sidewalk	110	
S-8	Sunset Dr (North side, Westbound)	630 Sunset Drive	Sunset Drive frontage of 1036 Forest Avenue	sidewalk	210	\$287,000 *Cost estimate for S-1 to S-8
S-9	Sunset Dr (south side, Eastbound)	17 Mile Drive	915 Sunset Drive (Butterfly Church—minor driveway)	sidewalk	310	
S-10	Sunset Dr (south side, Eastbound)	915 Sunset Drive (Butterfly Church—parking lot)	Congress Avenue	sidewalk	770	\$82,000 *Cost estimate for S-9 to S-10



2018 Monterey County Active Transportation Plan

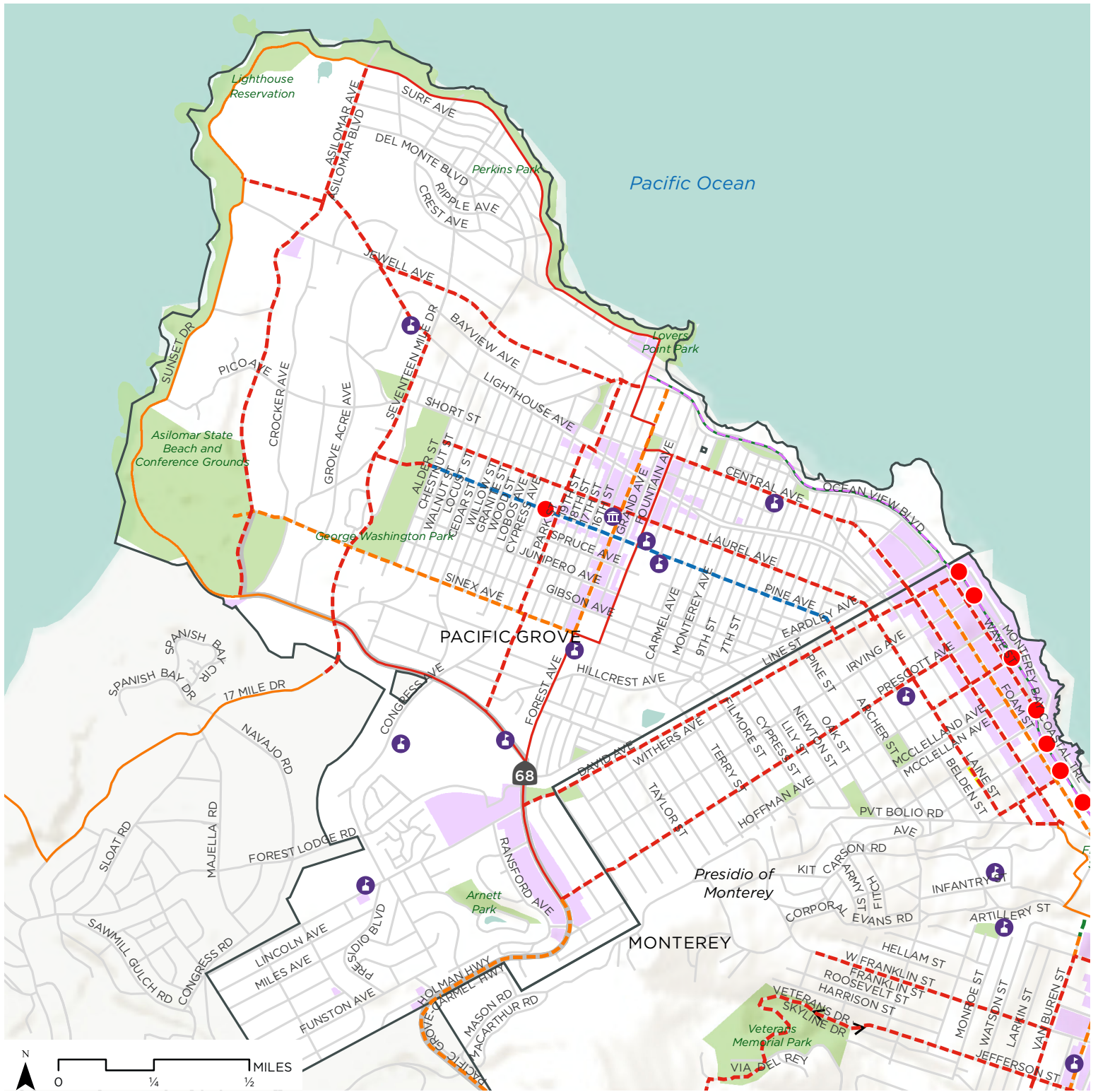
		Location		Type	Quantity (or feet)	Cost Estimate
F-1	Forest Ave (east side, Northbound)	Morse Drive	David Avenue	sidewalk	380	
F-2	Forest Ave (east side, Northbound)	David Avenue	1107 Forest Avenue	sidewalk	250	
F-3	Forest Ave (east side, Northbound)	1121 Forest Avenue	1199 Forest Avenue	sidewalk	780	
F-4	Forest Ave (east side, Northbound)	1225 Forest Ave (Patisserie Bechler)	North leg of Stuart Avenue	sidewalk	100	
F-5	Forest Ave (east side, Northbound)	North leg of Stuart Avenue	South leg of Stuart Avenue	sidewalk	100	
F-6	Forest Ave (east side, Northbound)	South leg of Stuart Avenue	Bishop Avenue	sidewalk	290	
F-7	Forest Ave (east side, Northbound)	Bishop Avenue	Adobe Lane	sidewalk	480	\$180,000 *cost estimate for F-1 to F-7
F-8	Forest Ave (west side, southbound)	1170 Forest Avenue (Trader Joe's)	1188 Forest Avenue (Fifi's Bistro Cafe)	sidewalk	370	
F-9	Forest Ave (west side, southbound)	1224 Forest Avenue (Pacific Grove Goodyear)	Syida Drive	sidewalk	1,450	
F-10	Forest Ave (west side, southbound)	Forest Avenue frontage of 1001 Funston Avenue	Presidio Boulevard	sidewalk	130	
F-11	Forest Ave (west side, southbound)	Presidio Boulevard	City limit	sidewalk	320	\$172,000 *cost estimate for F-8 to F-9



2018 Monterey County Active Transportation Plan

Figure 2: Sidewalk gaps on Sunset Drive and Forest Ave (PG 68 Study)





Pacific Grove

Monterey County Active Transportation Plan

Existing Bikeways

- Class I Shared Use Path
- Class II Bike Lane
- Class III Bike Route

Points of Interest

- K-12 School
- City Hall

Proposed Pedestrian Improvements

- - - Sidewalk
- Intersection

Land Use

- Park/Open Space
- Commercial Area
- City Boundary

Proposed Bikeway Improvements

- - - Class I Shared Use Path
- - - Class II Bike Lane
- - - Class III Bike Route
- - - Class IV Protected Bike Lane
- - - Fort Ord Rec Trail and Greenway

>>> Uphill bikeway (Slope > 4%)



Data provided by Monterey County TAMC. Terrain data by ESRI, NOAA.

Map produced October 2017 by Alta Planning + Design.

