



ALAMEDA COUNTY
Bicycle & Pedestrian Master Plan
FOR UNINCORPORATED AREAS



Public Works Agency
— Alameda County —

2019 Alameda County Bicycle and Pedestrian Master Plan for Unincorporated Areas



Castro Valley Municipal Advisory Council

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(Traffic Engineer)

March 21, 2022

Outline

- ❑ Purpose of the Update
- ❑ Elements of Plan Update
- ❑ Public Outreach Effort
- ❑ Bicycle Route Network
- ❑ Pedestrian Safety Improvement
- ❑ Toolkit to Facilitate Planning and Design
- ❑ Summary and Q/A

Plan Update: Purpose and Need

The 2019 Bicycle and Pedestrian Master Plan (BPMP) is an update to the 2012 Alameda County Bicycle and Pedestrian Master Plan for Unincorporated Areas.

- Is required by Alameda County Transportation Commission (every 5 years) to continue receiving transportation funds;
- Provides a consistent framework for planning and implementing improvements;
- Captures current best practices in pedestrian/bike facilities design since the previous update; and
- Continues to improve bicycle and pedestrian networks for active transportation.

The Master Plan Update Involved

- Existing Conditions Review
- Extensive Public Input Process
- Safety Analysis
- Bicycle Network Proposal
- Criteria for Prioritization of Sidewalk Projects
- Implementation Priorities and Funding Opportunities
- Bicycle and Pedestrian Facilities Design Toolkit

Community Outreach 2017

2017 Outreach Meetings and Events

- August 23: Open House – Dublin
- August 24: Open House – Castro Valley
- September 9-10: Castro Valley Fall Festival
- September 12: Cherryland Community Association
- September 20: Castro Valley Bicycle and Pedestrian Advisory Committee
- September 30: Niles Canyon Stroll
- November 6: Planning Commission
- November 14: Fremont Freewheelers
- November 15: Castro Valley Bicycle and Pedestrian Advisory Committee
- November 15: Castro Valley Unified School District Parent Leadership Council
- November 18: Ashland Cherryland Family Festival

Community Outreach 2018-19

- January 9, 2018: Technical Advisory Committee
- January 10, 2018: Citizen Advisory Committee
- January 16, 2018: Open House – San Lorenzo
- January 17, 2018: CVBPAC Open House – Castro Valley
- January 18, 2018: Open House – Livermore
- January 23, 2018: Agriculture Advisory Committee
- January 24, 2018: Unincorporated Services Committee
- February 6, 2018: Fairview Municipal Advisory Council
- February 13, 2018: Cherryland Community Association
- February 20, 2018: Ashland Community Association
- February 23, 2018: Ashland Cherryland Healthy Communities Collaborative
- March 19, 2018: Castro Valley Municipal Advisory Council
- March 21, 2018: Castro Valley Bicycle and Pedestrian Advisory Committee
- March 24, 2018: Cherryland Easter Eggstravaganza
- March 28, 2018: Rural Roads Committee
- April 16, 2018: Castro Valley/Eden Area Chamber of Commerce
- April 17, 2018: Ashland Community Association
- April 18, 2018: Sunol Citizen Advisory Council
- May 16: Castro Valley Bicycle and Pedestrian Advisory Committee
- May 21: Castro Valley Municipal Advisory Council
- June 21, 2019: Unincorporated Services Committee
- August 5, 2019: Transportation and Planning Committee



January 2018 Castro Valley Open House

Community Outreach Process

- Held over 30 outreach meetings
- Incorporated community feedback into the network development and Plan



Central County Open House



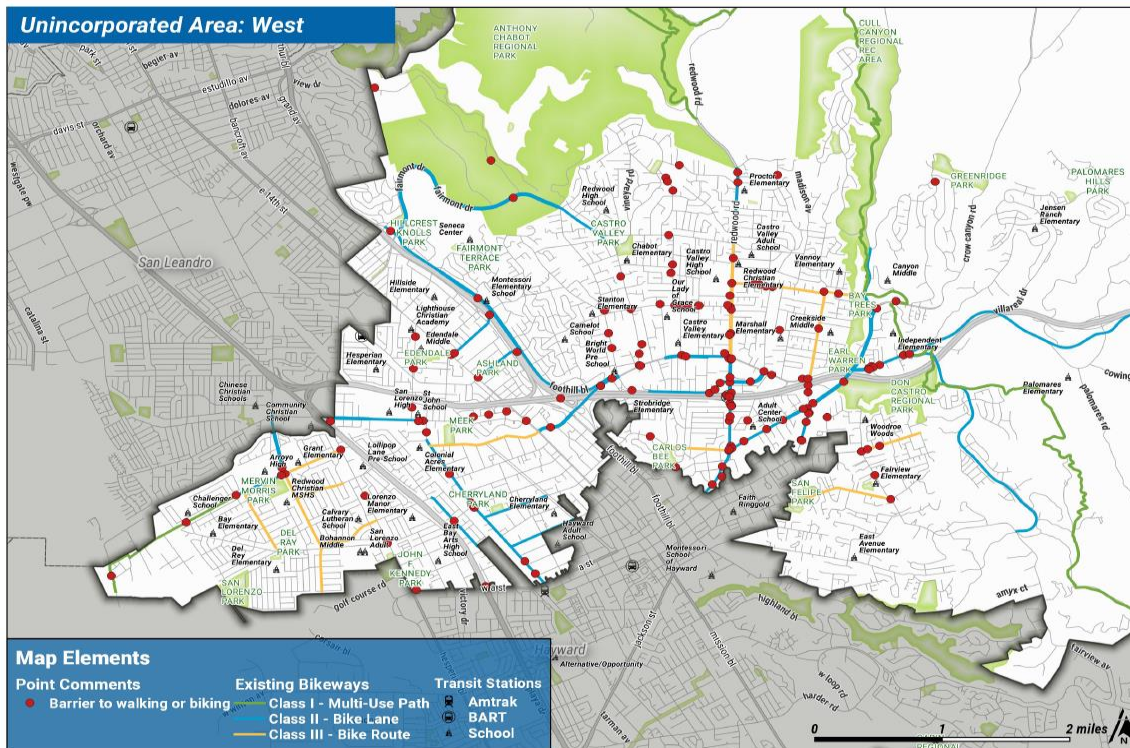
East County Open House

Online Community Outreach

Hosted a WikiMap (online, interactive map)
May-November, 2017

Alameda County Bicycle and Pedestrian Master Plan for Unincorporated Areas

WikiMap Results
Barriers Map 5



Over 200 people commented

Feedback included:

- Barriers
- Where they currently walk/bike
- Where they would like to walk/bike

2019 Alameda County Bicycle and Pedestrian Master Plan for Unincorporated Areas

The Master Plan includes:

- West County Bicycle Network
- East County Bicycle Network
- Central County Bicycle Network
- Sidewalk Project Prioritization Criteria

Bicycle Facility Classification

The Master Plan included different classification of bike facilities

Class I: Multi-Use Path

Class II: Bicycle Lanes

Class II: Buffered Bicycle lanes

Class III: Bicycle Routes

Class IV: Separated Bicycle lanes



Class II: Buffered Bicycle lanes



Class IV: Separated Bicycle lanes

West County Bike Network

Bicycle Network Alameda County Unincorporated Areas - West

Proposed Bikeways

- Class I - Multi-Use Path
- Class II - Bike Lane, Buffered Bike Lane, Climbing Lane
- Class III - Bike Boulevard or Rural Route
- Class IV - Separated Bike Lane

Existing Bikeways

- Class I - Multi-Use Path
- Class II - Bike Lane
- Class III - Wide Curb Lane/Shoulder
- Bay Area Ridge Trail

Transit

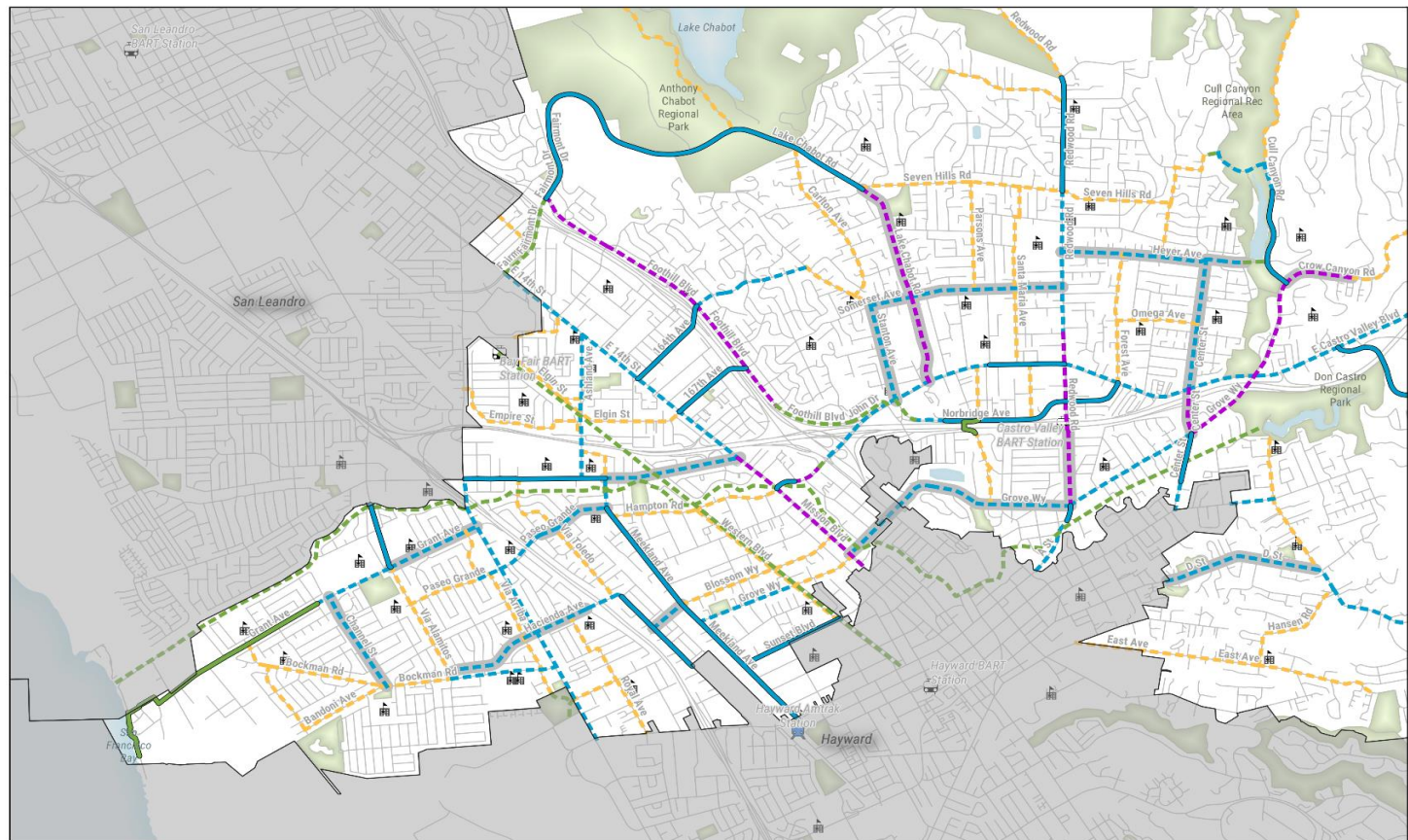
-  ACE
-  Amtrak
-  BART

Other

-  Parks
-  Water
-  Schools

 May Affect Parking





Disclaimer: Proposed projects that may affect on-street parking are subject to further study and community review. In the interim, these streets may be implemented as Class III facilities.



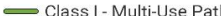

East County Bike Network

Bicycle Network Alameda County Unincorporated Areas - East

Proposed Bikeways

-  Class I - Multi-Use Path
-  Class II - Bike Lane, Buffered Bike Lane, Climbing Lane
-  Class III - Bike Boulevard or Rural Route
-  Class IV - Separated Bike Lane

Existing Bikeways

-  Class I - Multi-Use Path
-  Class II - Bike Lane
-  Class III - Wide Curb Lane/Shoulder
-  Bay Area Ridge Trail

Transit

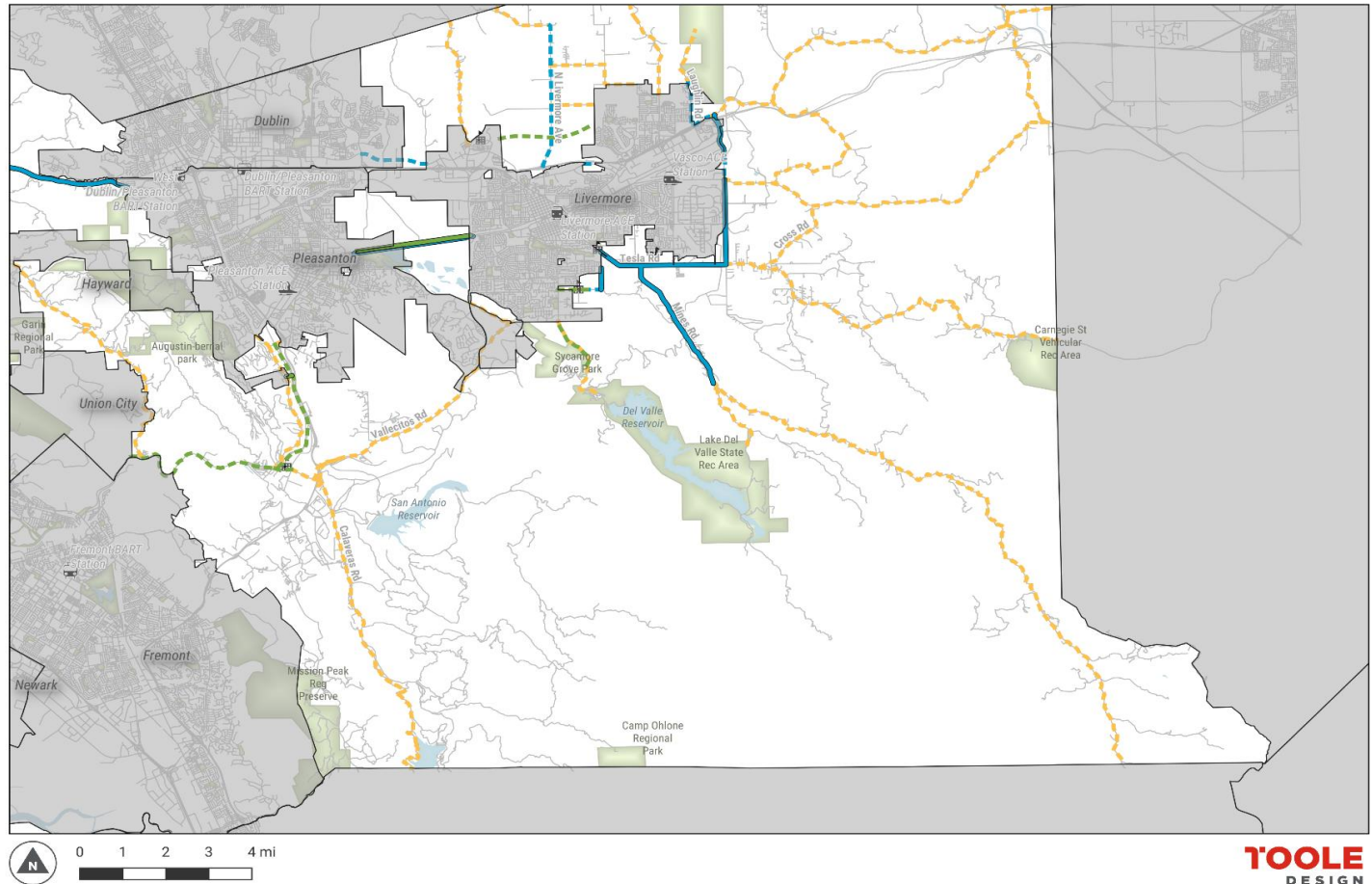
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Other

-  Parks
-  Water
-  Schools

 May Affect Parking

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Central County Bike Network

Bicycle Network Alameda County Unincorporated Areas - Central

Proposed Bikeways

- Class I - Multi-Use Path
- Class II - Bike Lane, Buffered Bike Lane, Climbing Lane
- Class III - Bike Boulevard or Rural Route
- Class IV - Separated Bike Lane

Existing Bikeways

- Class I - Multi-Use Path
- Class II - Bike Lane
- Class III - Wide Curb Lane/Shoulder
- Bay Area Ridge Trail

Transit

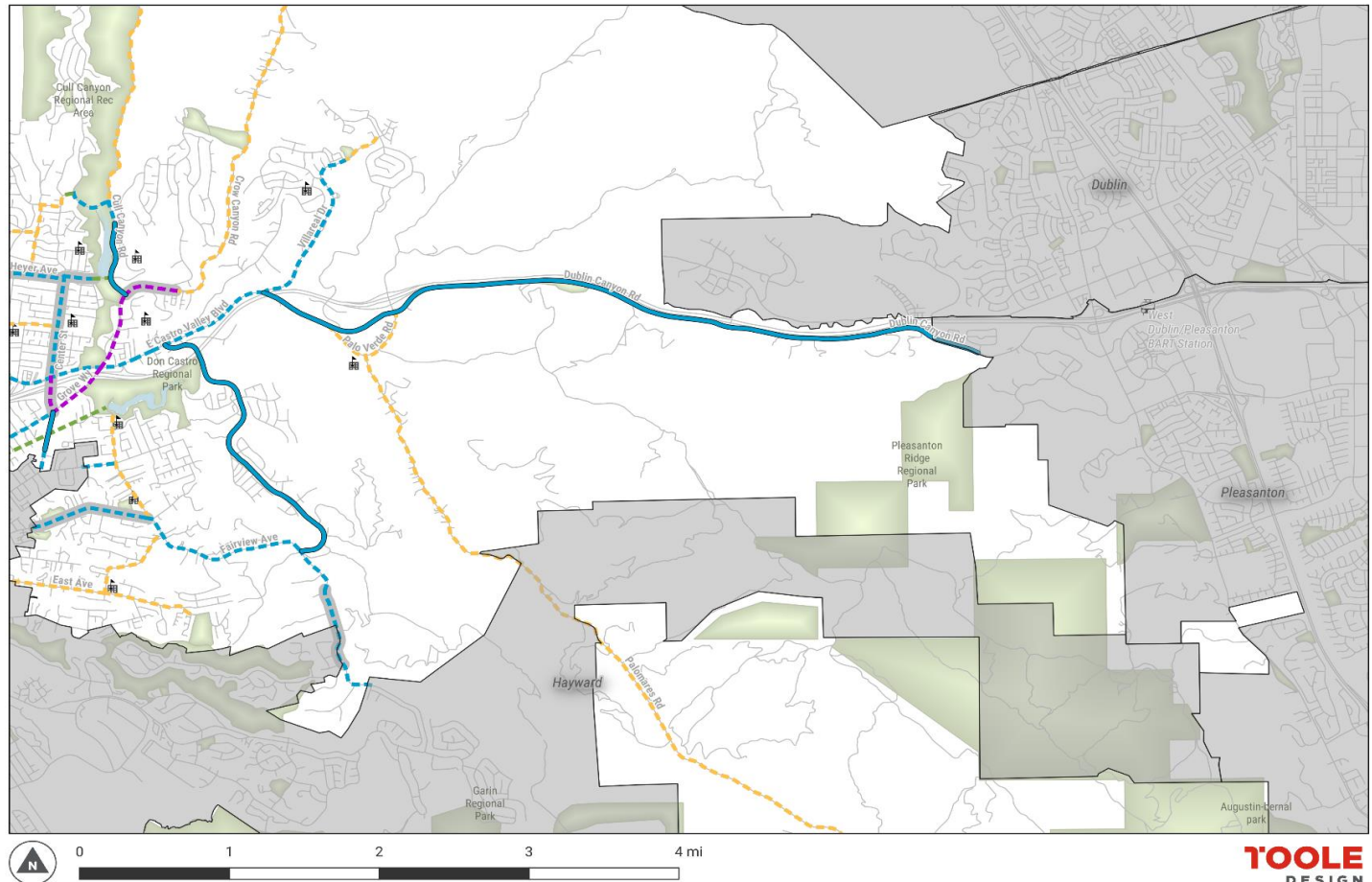
- ACE
- Amtrak
- BART

Other

- Parks
- Water
- Schools

May Affect Parking

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Pedestrian Recommendations

Sidewalk Project Prioritization Criteria

- Vicinity of Schools
- Collision History
- Pedestrian Generators – Parks, Retail, Senior Centers
- Project Feasibility
- Roadway Functional Classification – Collector & Arterial
- Communities of Concern

Application of Sidewalk Project Prioritization Criteria

Sidewalk Projects Prioritized List (Sorted by Total Score)

Roadway	Limits	Community	School Vicinity	Collision History	Pedestrian Generators	Feasibility	Functional Classification	Equitable Transportation	Total
E. Lewelling Blvd	Meekland Ave to E. 14th St	Cherryland	25	15	5	5	20	10	80
Lake Chabot Road	Fairmont Dr to Somerset Ave	Castro Valley	35	5	10	5	20		75
Mabel Ave	Redwood Rd to Santa Maria Ave	Castro Valley	35	20		5	5		65
Second Street	Windfeldt Road to Campus Dr	Fairview	35	5		4	20		64
West Sunset Blvd	Hesperian Blvd to Garden Ave	Hayward Acres	35	5	5	2	5	10	62
D Street	HCL to Fairview Ave	Fairview	25	5	10	2	20		62
Meekland Ave	E. Lewelling Blvd to Blossom Way	Cherryland	25			5	20	10	60
Somerset Ave	Lake Chabot Rd to Redwood Rd	Castro Valley	25	15		4	15		59
Bartlett Ave	Hesperian Blvd to Garden Ave	Hayward Acres	35		5	2	5	10	57
Seven Hills Road	Lake Chabot Rd to Redwood Rd	Castro Valley	25	5	10	1	15		56
Heyer Avenue	Center St to Redwood Rd	Castro Valley	25	10		5	15		55
Hansen Road	Fairview Ave to East Ave	Fairview	35			4	15		54
Proctor Road	Walnut Rd to Camino Alta Mira	Castro Valley	35			4	15		54
Liberty Street	Oriole Avenue to 164th Ave	Ashland	25			3	15	10	53
Maubert Ave	Tanager to 159th	Ashland	25	10		2	5	10	52
Forest Avenue	Heyer to Castro Valley Blvd	Castro Valley	25	5		5	15		50
Blossom Way	Meekland to Haviland	Cherryland	15	5		5	15	10	50
Medford Ave	Meekland Ave to Western Blvd	Cherryland	15	5		5	15	10	50
Poplar Ave	Princeton Ave to Meekland Ave	Cherryland	25	5		4	5	10	49
Christensen Lane	Parsons to Simsbury	Castro Valley	25	5		4	15		49
Royal Ave	A Street to W. Sunset Blvd	Hayward Acres	25		5	4	15		49
San Miguel Ave	Somerset Ave to Castro Valley Blvd	Castro Valley	25		5	4	15		49
Anita Ave	Castro Valley Blvd to Somerset	Castro Valley	35		5	2	5		47
Walnut Road	Seven Hills Rd to Almond Rd	Castro Valley	25		5	2	15		47
Idena Avenue	Vegas Ave to Lessley Ave	Castro Valley	35		5	1	5		46
Ronda Street	Lewelling Blvd to Albion Ave	Ashland	25		5	1	5	10	46

Prepared Bicycle and Pedestrian Facilities Toolkit

- National Standards and Resources
- Detail Description of Ped & Bike Facility Types
- Bicycle Intersection Design and Spot Treatments
- Enhancements and Supporting Treatments for Bicycle Facilities
- Status of Experimental Treatments

Summary

- Updated Bicycle Pedestrian Master Plan (BPMP)
 - Meet funding eligibility
 - Maintain consistency in planning & implementation
 - Reflect current best practices
 - Improve safety for pedestrians and bicyclists
- Extensive analysis of existing conditions
- Multiple opportunities for community outreach and public input
- Bike network priorities and sidewalk project priorities
- Toolbox of current best practices
- BPMP was adopted by the Board in October 2019



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For more information

<https://www.acpwa.org/>