

Bicycle/Pedestrian Master Plan Update

**Council Sustainability Committee
March 12, 2018**

Hayward Public Works: Sai Midididdi, T.E.

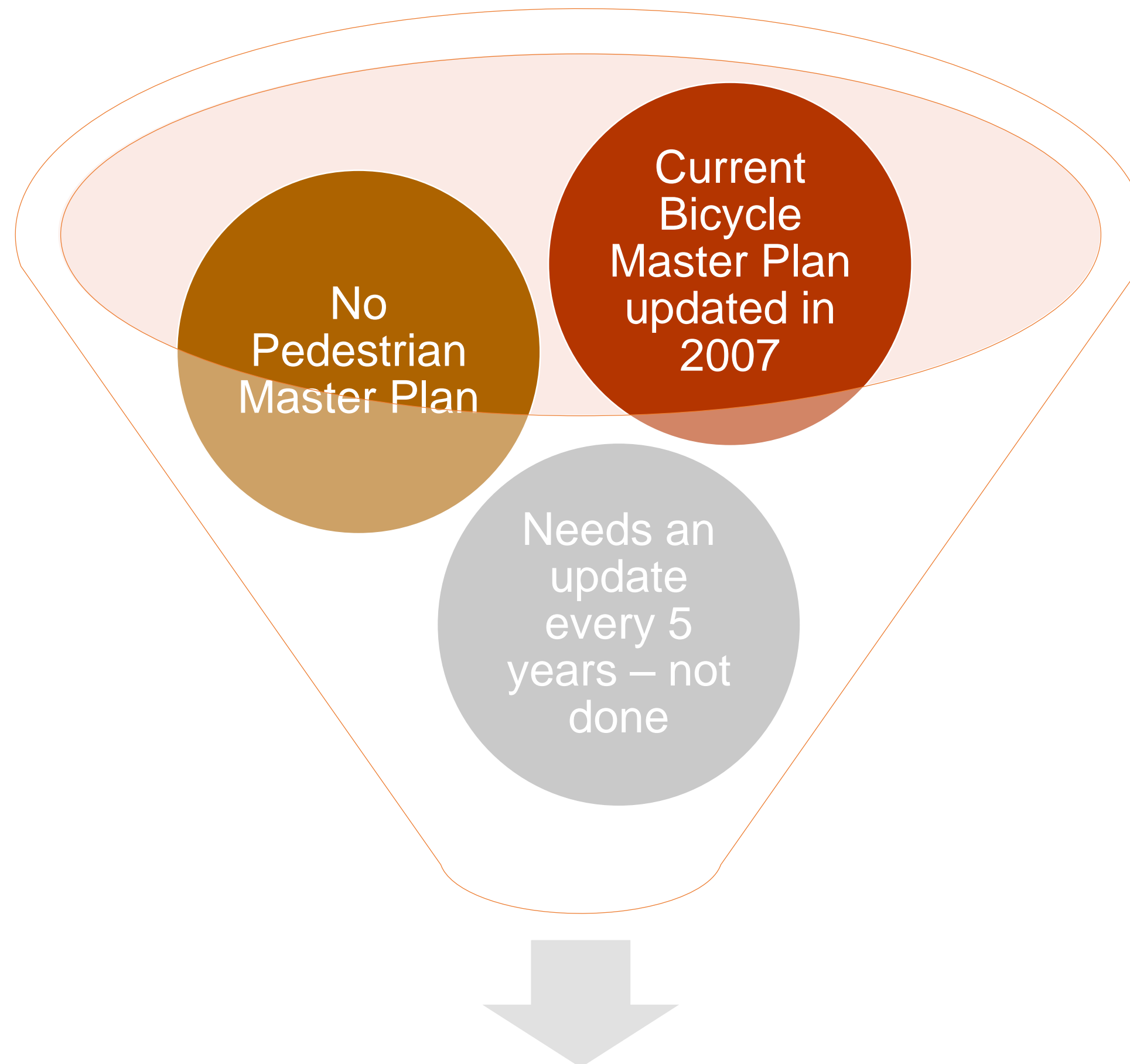
Kittelson Associates: Amanda Leahy, AICP



- Plan Overview
- Vision & Goals
- Stakeholder Engagement
- Baseline Analysis
- Next Steps



Plan Overview – Why a Master Plan?



Update 2007 Bicycle Master Plan
& Create a Pedestrian Master Plan



Plan Overview - Plans & Policies

2040 General
Plan

Complete
Streets Policy

Downtown
Specific Plan

Bicycle and
Pedestrian
Master Plan



Plan Overview - Goals & Objectives

Develop
accessible, safe
& convenient
environment



Incorporate
community input



Integrate latest
advancements
and best practices



Better positioned
for grant funding





Plan Overview - Project Team



City of Hayward

- Review and provide feedback on deliverables
- Assist with stakeholder engagement and coordination



Kittelson & Associates, Inc.

- Lead technical analysis and documentation
- Participate in stakeholder engagement activities



Toole Design Group

- Support technical analysis and documentation
- Lead bikeway level of traffic stress analysis and program & policy recommendations tasks



Plan Overview - Project Approach

Establish Foundation

- Establish vision & goals, performance measures
- Review of existing plans, programs and policies
- Stakeholder engagement strategy

Analysis & Recommendations

- Network mapping and analysis
- Project identification and prioritization

Funding, Design & Implementation

- Concept design and cost estimation
- Engineering and design guidance

Documentation

- Draft and Final Plan
- Project website



Stakeholder Engagement – Activities Overview

Online Map & Website

- Web-based interactive map
- Project website

Activities & Events

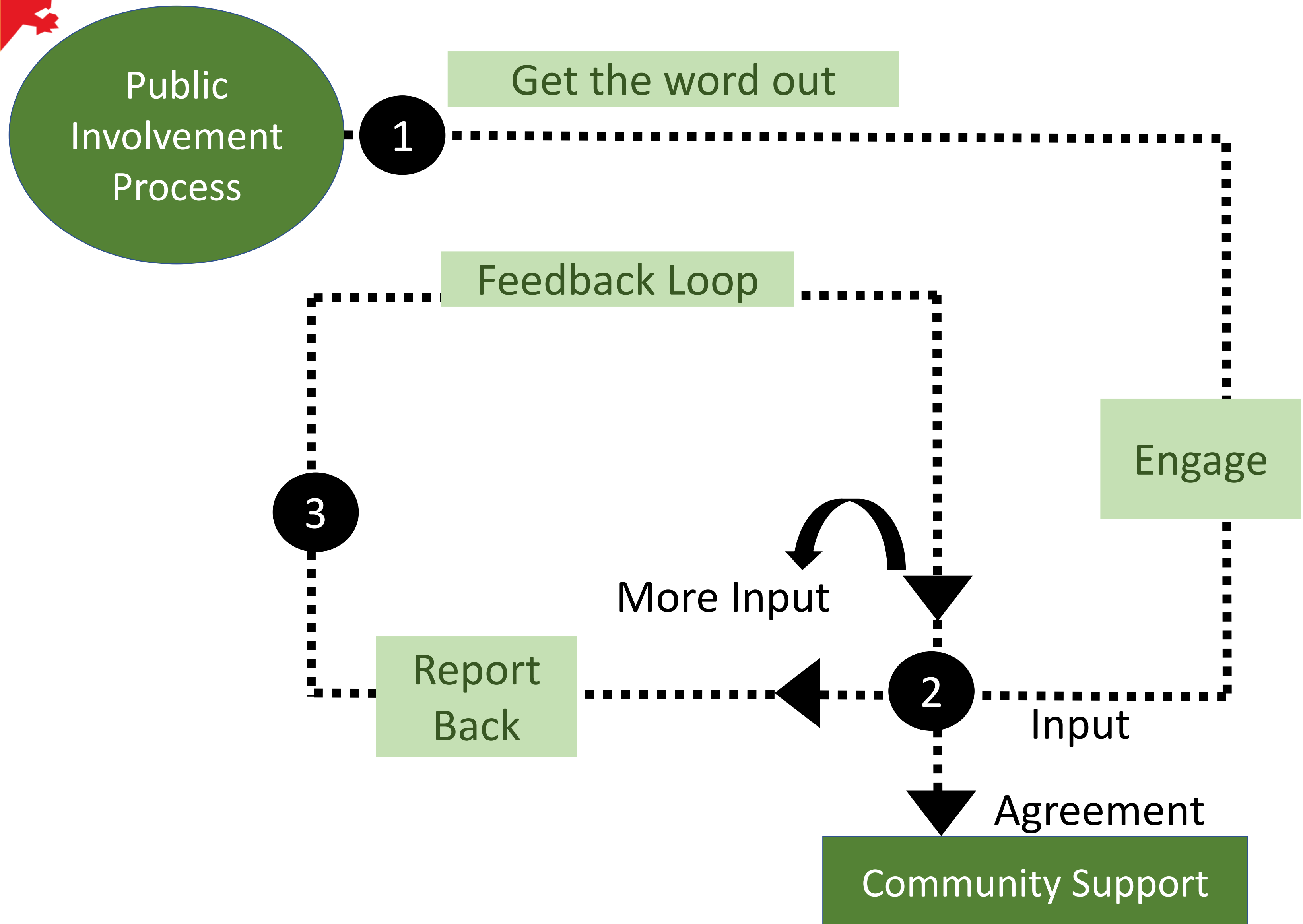
- On-site events
- Walking/biking tours
- Translation and interpretation

Meetings & Coordination

- Technical Advisory Committee
- Council Infrastructure & Sustainability Committees
- City Council

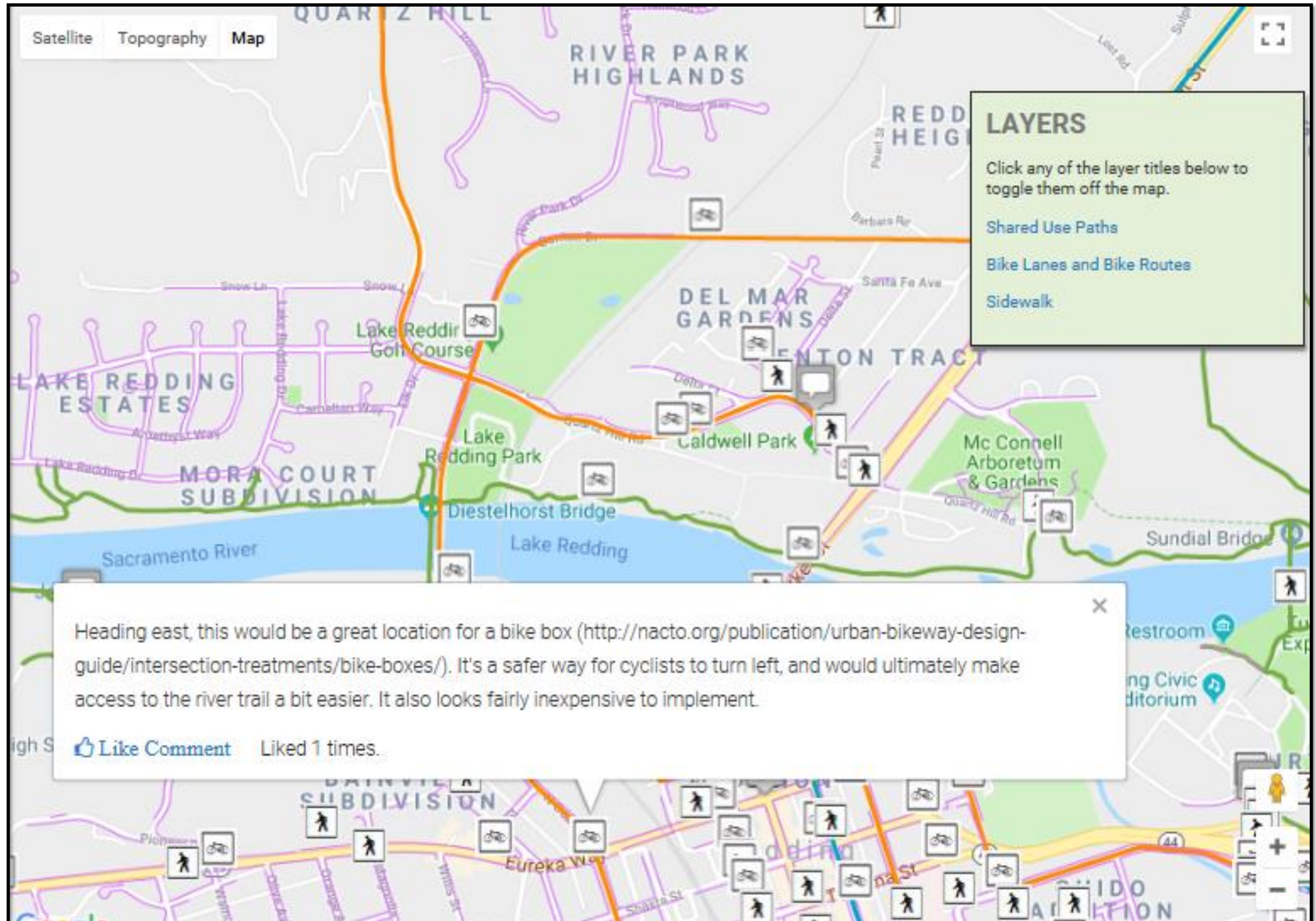


Stakeholder Engagement – Process Overview





Stakeholder Engagement – Map & Website





Stakeholder Engagement – Mobile Workshop





Stakeholder Engagement – Pop-Up Bikeway





Stakeholder Engagement – Technical Advisory Committee

Internal Stakeholders

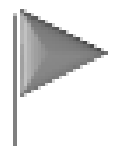
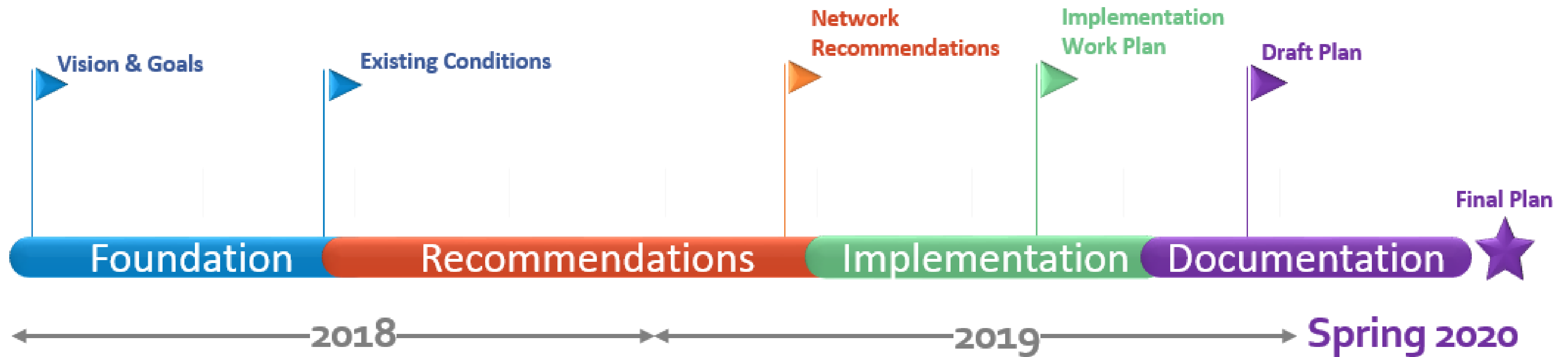
- Public Works
- Planning
- Economic Development
- Maintenance Services
- Police
- Fire

External Stakeholders

- AC Transit/BART/Caltrans
- Alameda CTC Safe Routes to School
- Hayward Unified School District
- Hayward Area Recreation and Park District
- Business Improvement Boards and Chambers of Commerce
- Bike East Bay
- Community Resources for Independent Living (CRIL)
- Community groups, seniors, people with disabilities



Stakeholder Engagement – Timeline



Project Milestone

Phase

Project Phase

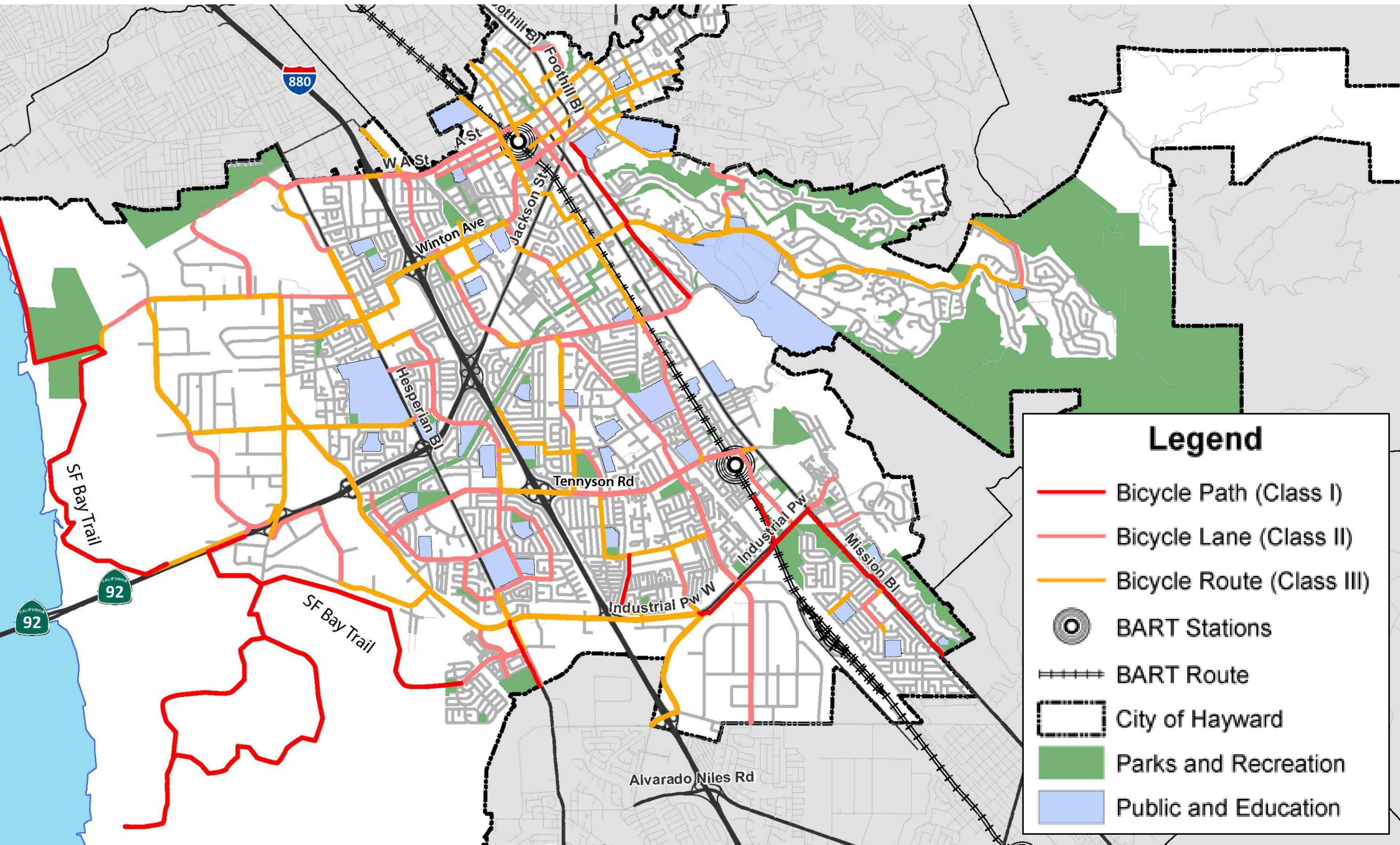


Baseline Analysis – Overview





Baseline Analysis – DRAFT Network Map





Immediate

- Stakeholder Engagement Plan (March)
- Establish Technical Advisory Committee (March)
- Baseline Analysis (April)

Summer 2018

- Create Project Website & Interactive Map
- Initiate Stakeholder Engagement Activities
- Existing Conditions Report





Plastic Straws and Utensils

UTILITIES & ENVIRONMENTAL SERVICES

Plastic pollution



Plastic pollution







Straw & Utensil Regulations



Jurisdiction	Regulation	Effective
Alameda	Only reusable, recyclable or compostable disposable food-ware Straws provided on request	Jan 2018
Davis	Straws provided on request at dine-in restaurants	Sept 2017
Santa Cruz County	All take away food-ware must be recyclable or compostable	Jan 2017
Malibu	No plastic disposable food-ware	June 2018
Manhattan Beach	No polystyrene food-ware or polypropylene straws	April 2014
Seattle	Only reusable, recyclable or compostable food-ware	July 2018

Hayward Actions



- ▶ 2011:
Ban on Take Out Food
Polystyrene Packaging



- ▶ 2012:
Joined County-Wide Ban on
Single Use Plastic Bags



Voluntary actions



Surfrider Foundation

- ▶ Restaurants offer straws only upon request



Xanterra Parks and Resorts

- ▶ Ask if customer wants straw



Be Straw Free Campaign

- ▶ Asks consumers not to use straws

AB1884



- ▶ Requires sit-down restaurants to offer straws only upon request
- ▶ Introduced January 17, 2018
- ▶ Amended February 5, 2018 to remove penalty fines
- ▶ **Next Step:** Assembly Natural Resources Hearing. Date TBA
- ▶ Could reach Governor's Desk - September 2018

Committee Options



1. Recommend that Council Submit a Letter of Support for AB 1884.
2. Direct staff to draft a Hayward ordinance requiring restaurants distribute straws and utensils only on request.
3. Direct staff to ask StopWaste to explore a county-wide ordinance banning disposable food-ware that is not compostable.
4. Direct staff to ask StopWaste to explore a county-wide ordinance requiring restaurants distribute straws and utensils only on request.

Questions & Discussion





Advanced Metering Infrastructure Project Update

UTILITIES & ENVIRONMENTAL SERVICES

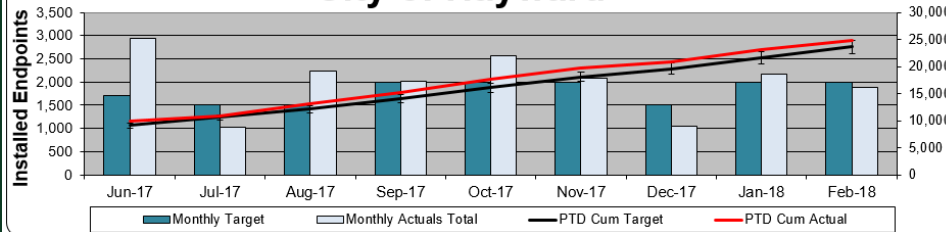
Alicia Sargiotto
Management Analyst I

March 12, 2018

Project Status Update



City of Hayward

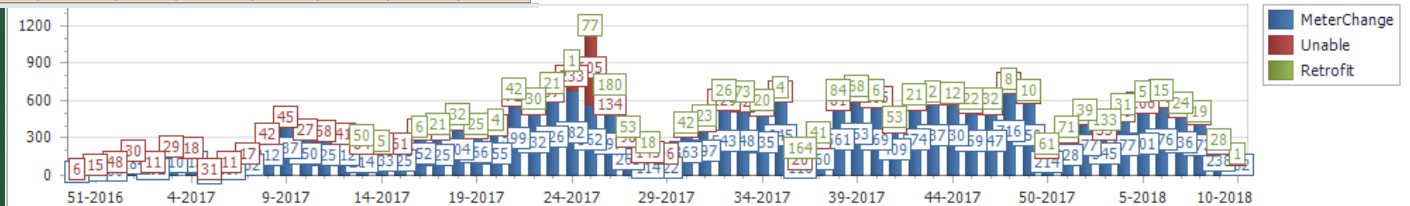


Project Meter Installation Breakdown (72.79% Project Complete)

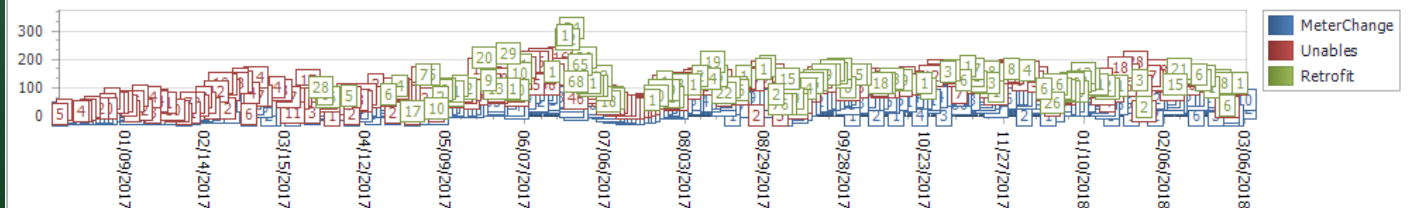
Monthly Target	Dec-May	Jun-17	Jul-17	Aug-17	Sep-17	Oct-17	Nov-17	Dec-17	Jan-18	Feb-18	Totals
Monthly Actuals Total	6,941	2,942	1,033	2,227	2,013	2,575	2,083	1,047	2,174	1,877	24,912
5/8"	4,900	1,721	369	1,484	1,513	2,041	1,787	619	1,659	1,233	17,326
3/4"	437	167	25	290	20	142	60	269	173	256	1,839
1"	1,007	584	97	91	32	164	71	49	44	269	2,408
1.5"	314	73	238	95	23	66	38	42	6	25	920
2"	149	77	191	106	54	56	44	3	8	24	712
3" and Larger	30	21	12	22	12	19	20	3	6	13	158
Retrofits	104	299	101	139	359	87	63	62	278	57	1,549
RTU Actual											0
PTD Cum Target	7,400	9,100	10,600	12,100	14,100	16,100	18,100	19,600	21,600	23,600	
PTD Cum Actual	6,941	9,883	10,916	13,143	15,156	17,731	19,814	20,861	23,035	24,912	
PTD Variance	-459	783	316	1,043	1,056	1,631	1,714	1,261	1,435	1,312	

Phase	Zone	Type	Total in Zone	Complete	Incomplete	RTU	Scheduled	Removed	Completion Rate
1	03E	WTR	113	112	0	0	0	1	100.00
1	03F	WTR	136	135	0	0	0	1	100.00
1	24B	WTR	137	134	0	0	0	3	100.00
1	25B	WTR	136	136	0	0	0	0	100.00
1	27	WTR	125	125	0	0	0	0	100.00
1	27A	WTR	135	135	0	0	0	0	100.00
1	27B	WTR	141	141	0	0	0	0	100.00
1	54A	WTR	116	115	0	0	0	1	100.00
1	54B	WTR	60	59	0	0	0	1	100.00
1	56C	WTR	91	89	0	0	0	2	100.00

Weekly Production



Daily Production



Consumption Data



MTU 21471263, Port 1 Consumption

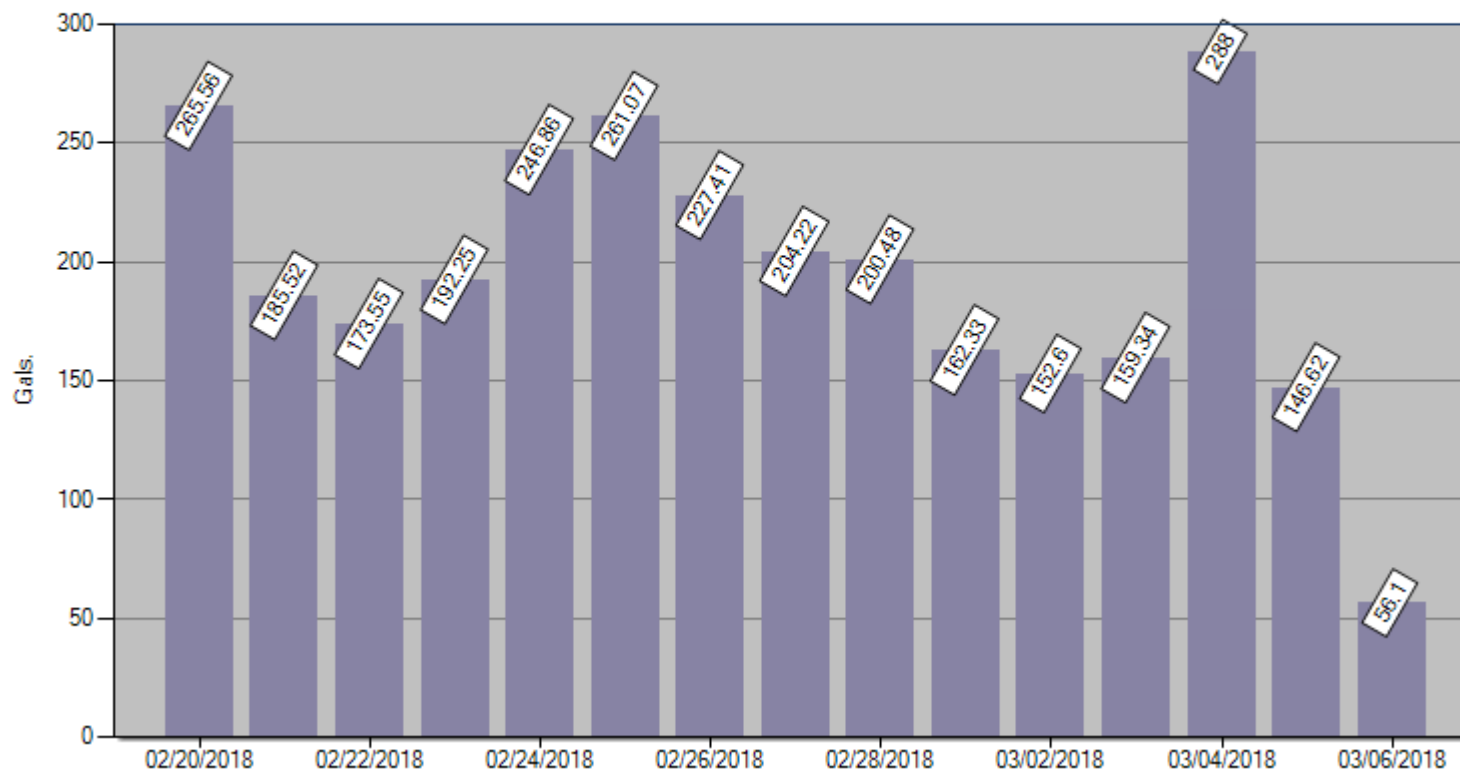
☐ Interval ☐ Weekly
☒ Daily ☐ Monthly

Units ▼

Daily Consumption Summary (Gals.)

Total	2921.89	High	288
Average	194.79	Low	56.1

Daily Consumption, 02/20/2018 to 03/06/2018



Consumption Data



MTU 21471263, Port 1 Consumption

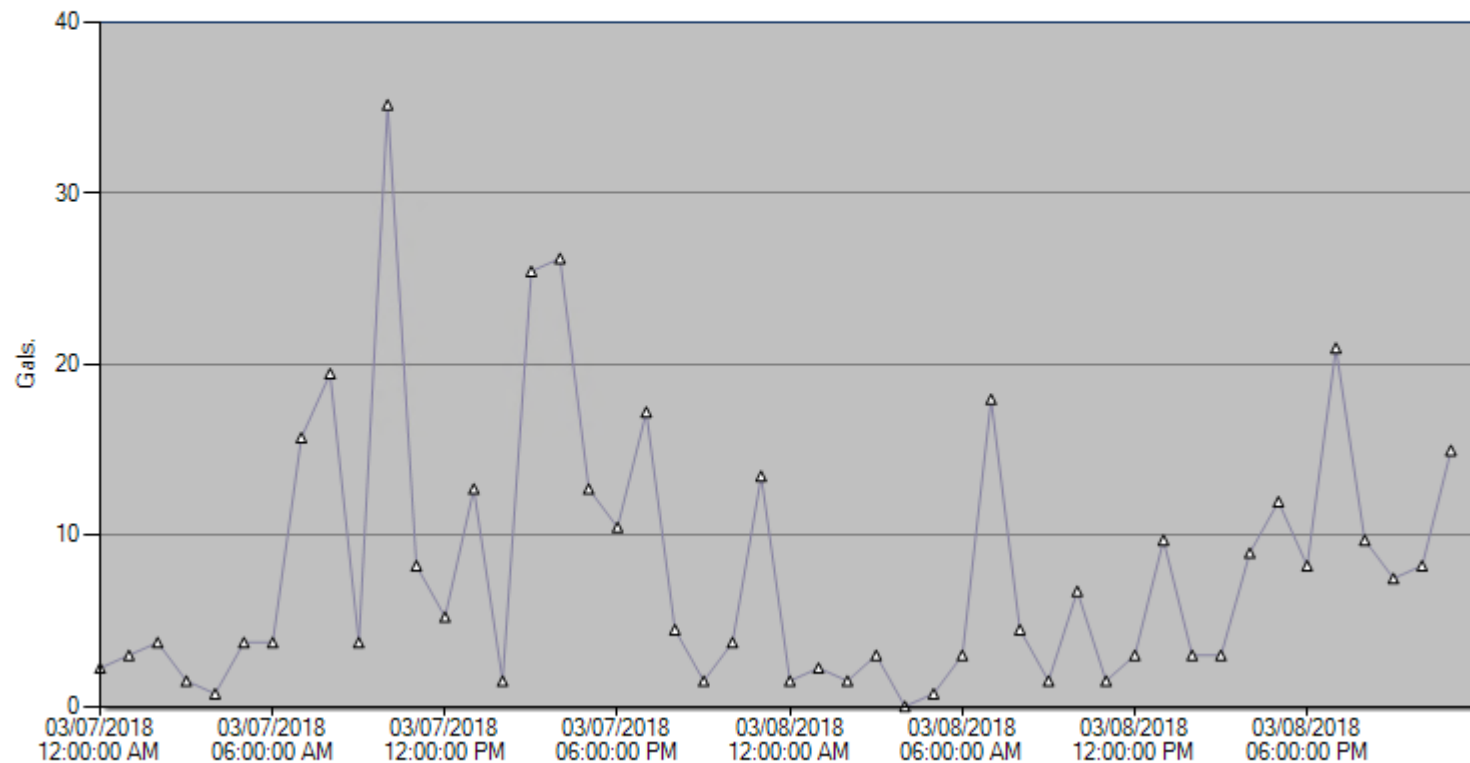
☒ Interval ☐ Weekly
☐ Daily ☐ Monthly

Units Gals.

Interval Consumption Summary (Gals.)

Total	388.99	High	35.16
Average	8.1	Low	0

Interval Consumption, 03/07/2018 to 03/08/2018





Future Customer Engagement Web Portal

- ▶ Customers will be able to see detailed usage info
 - ▶ Allows better understanding and management of water use
- ▶ Applying Lean Innovation with Hayward water customers
 - ▶ Staff has begun conducting interviews with customers
 - ▶ Water usage practices
 - ▶ Challenges with the current layout of City utility bill
 - ▶ Interest in participating in a focus group
 - ▶ Results will be presented to Committee

Questions & Discussion





Sustainable Groundwater Management Update

UTILITIES & ENVIRONMENTAL SERVICES

Jan Lee
Water Resources Manager

March 12, 2018

Sustainable Groundwater Management Act



- ▶ Sustainable groundwater management at local level
 - Groundwater Sustainability Agencies (GSAs)
 - Groundwater Sustainability Plans (GSPs)
- ▶ Applies to medium- or high priority basins
- ▶ Requires basins to be managed under GSP by January 31, 2022



Partnership with EBMUD



- ▶ Memorandum of Understanding executed with EBMUD in July 2017
 - Established intent to develop single GSP
 - Framework for negotiating Cooperating Agreement

- ▶ Proposition 1 Sustainable Groundwater Planning Grant
 - Submitted \$1 million application in October 2017
 - Recommended for award of \$1 million grant

Key Terms of Cooperating Agreement with EBMUD

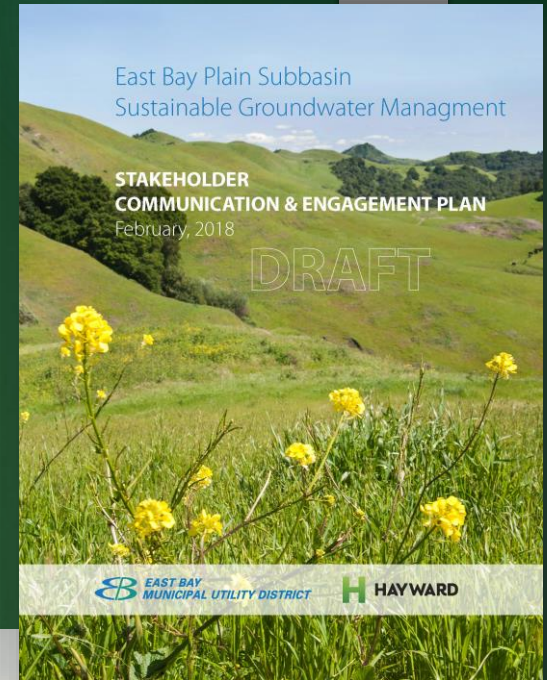


- ▶ GSP Development
- ▶ Collaborative Working Structure
- ▶ Stakeholder Involvement
- ▶ Cost-Sharing
- ▶ Dispute Resolution

Public Contact

- ▶ Involve stakeholders and public throughout GSP development process

www.hayward-ca.gov/SGMA



February 27 Stakeholder Meeting

Recommended Action



- ▶ Recommend to Council approval of proposed Cooperating Agreement with EBMUD to develop a Groundwater Sustainability Plan for the East Bay Plain Subbasin

Questions & Discussion





California Youth Energy Services

2017 Results & 2018 Program

UTILITIES & ENVIRONMENTAL SERVICES

Carol Lee
Sustainability Specialist

March 12, 2018

Background:



- Rising Sun Energy Center (Rising Sun) operates the California Youth Energy Services (CYES) program
- CYES trains and employs local youth to provide energy and water conservation assessments and installations at no cost to the residents



2017 Hayward CYES Team

2017 Results:



HAYWARD
YOUTH
EMPLOYED



9

HAYWARD
RESIDENTS
SERVED



240

Annual
reduction
(kWh)



41,150

Annual
reduction
(gallons)



1.89
million

2017 Results Continued:



Efficient-Flow
Showerheads



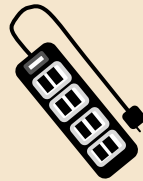
63

Kitchen and
Bathroom
Aerators



171

Tier 2
Advanced
Powerstrips



145

LED Flood
Light Bulbs



317

LED Light
Bulbs



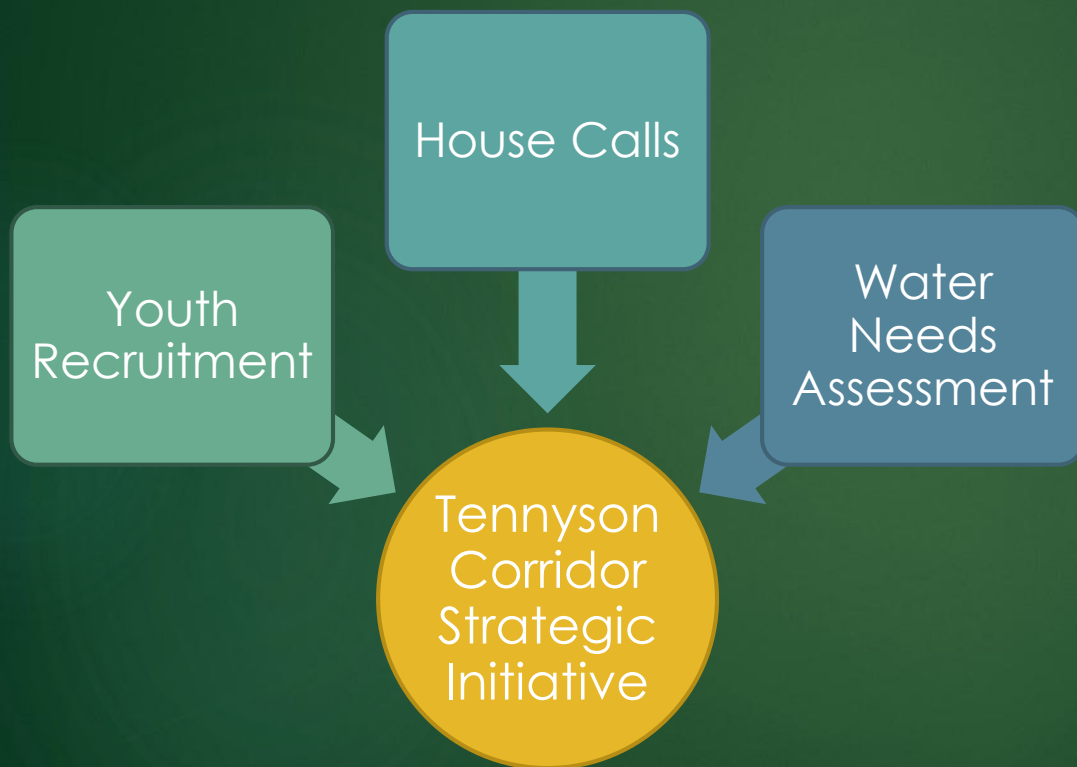
1,807

Program Cost & Funding:



- Estimated average total cost of a CYES satellite office in 2018 will be \$160,000
- City's cost share is \$20,000 per summer
- Historical paid from the Water Fund
- In 2018, program will be augmented with an additional \$20,000 of grant funding

Bay Area Integrated Regional Water Management Grant



- Proposition 1 outreach grant for disadvantaged communities
- City selected to be outreach partner
- \$50,000 grant
- \$20,000 allocated to CYES program
- Develop water projects based on input from community

Committee Action:



1. Affirm the City's participation in the 2018 CYES program
2. Provide input to shape the Water Needs Assessment Questionnaire

Sample Questions

Can you tell me about any changes you made or wanted to make during drought?

What aspects of water quality or water supply concern you the most?

What changes would you like to see regarding how water is used in your community?

What value would increased landscaping add to your community, and how do you see your community playing a part in achieving this?

Next Steps:



1. If directed by the Committee, staff will work with Rising Sun on a contract to host California Youth Energy Services in 2018
2. Staff will utilize the Committee's input when planning the outreach component of the program
3. Staff will report back to the Committee with the results and accomplishments

Questions & Discussion





Proposed 2018 Agenda Planning Calendar

UTILITIES & ENVIRONMENTAL SERVICES

March 12, 2018

Suggested 2018 Agenda Topics



Regular meeting schedule:

- 2nd Monday in January, March, May, July, September, and November

2018 conflicts:

- September 10 - Admission Day
- November 12 - Veterans Day observed

Recommended meeting dates:

- September 24
- November 26

Suggested 2018 Agenda Topics



May 12, 2018

Establishing 2025 and 2030 GHG Reduction Goals (Action)

Anti-Idling Programs (Action)

Progress Toward 2025 ZNE Goal (Action)

Bike Share Programs (Action)

July 9, 2018

Clean Cars 2040 Act (AB-1745) (Action)

Building Electrification & Reducing Natural Gas Use (Action)

WMAC Franchise Agreement Annual Report (Informational)

Car Sharing (Informational)

Suggested 2018 Agenda Topics



Unscheduled Items

Sustainable Groundwater Plan

Accelerating Multifamily Building Upgrades (CEC grant)

Stormwater Trash Reduction Requirements

Laundry to Landscape Ordinance

Tiny Homes

Electrify America's Investment Plan

Bulky Pickup Service & Illegal Dumping (What Works Cities)

Long Term Water Conservation Framework

Current Drinking Water Quality Testing