

# Clement Avenue Complete Street Concept Proposal



Public Works Department – March 2015

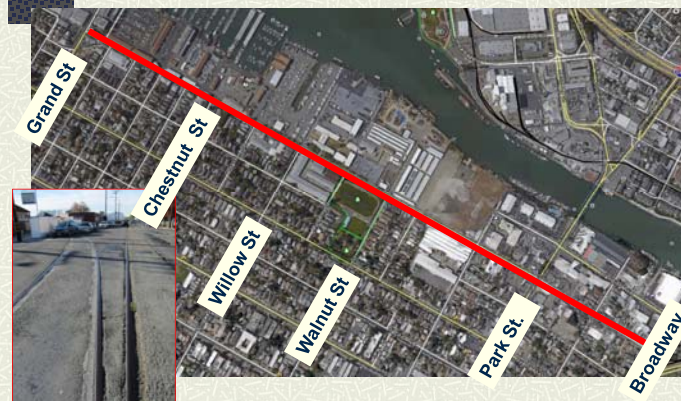
## Agenda

- # Welcome / Introductions
- # Presentation
  - Existing Conditions
  - Community Meeting #1
  - Preferred Option
- # Break-out Groups
- # Meeting Summary / Follow-up Actions

## Agenda (cont.)

- # Meeting Purpose
  - Continue dialogue
  - Share information
  - Brainstorm in break-out groups
  - Hear from break-out groups

## Why Clement Avenue?



## Why Clement Avenue? (cont.)

### # Transportation Element – General Plan

- Policy:
  - “Pursue opportunities to utilize the corridor of the former Alameda Belt Line railroad for transit, bicycle and pedestrian transportation.”
- Street Classifications:
  - Truck Route
  - Transit Priority Street
  - Bicycle Priority Street

## Why Clement Avenue? (cont.)



Image Source: Bike Walk Alameda

## What's on the street?

### # Street

- Width = 48 to 50 feet
- 2 travel lanes
  - 35 mph typical speed; 25 mph speed limit
  - Average daily vehicles/day: 8,300
- Parking = 200-300 spaces
- Railroad tracks
- Utilities (under and overhead)
- Truck route (11% = heavy vehicles)
- No bikeway (PM peak hour = 35 bicyclists)

## What's on the street? (cont.)



## What's on the street? (cont.)



### # Sidewalk

- Trees
- Utility poles
- Gaps

## Community Meeting #1

### # Goals

- 1) Remove the abandoned railroad tracks.
- 2) Encourage bicycling and walking.
- 3) Improve the streetscape.
- 4) Traffic calming (**New!**).
- 5) Improve public access to the SF Bay.
- 6) Encourage transit use.
- 7) Revitalize Northern Waterfront area.
- 8) Improve truck access.

## Community Meeting #1 (cont.)

### # Key Features

- Railroad track removal
- New sewer and storm water lines
- Undergrounding overhead utilities
- Sidewalk improvements
- Amenities (e.g., lighting, trees)
- Pavement resurfacing
- Bikeway
- Truck access

## Community Meeting #1 (cont.)

### # SF Bay Trail Corridor Preference

#### ■ Community Consensus

= Clement Avenue  
(Broadway to Grand Street)

## Community Meeting #1 (cont.)

### # Concept Ideas

- No bikeway
- Traditional bike lane on each side of street
- Two-way bikeway on estuary side of street
- Do not know
- Other

## Community Meeting #1 (cont.)

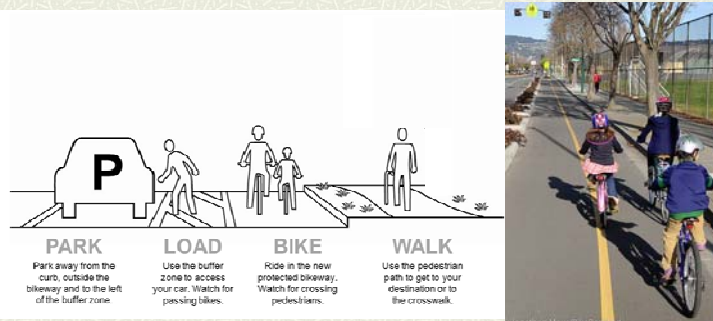
### # Community Consensus:

- Two-way bikeway on estuary side of street



## Community Meeting #1 (cont.)

### # Two-way protected bikeway



## What do you think?

### # Western end of Clement Street



Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Clement Street near Walnut Street

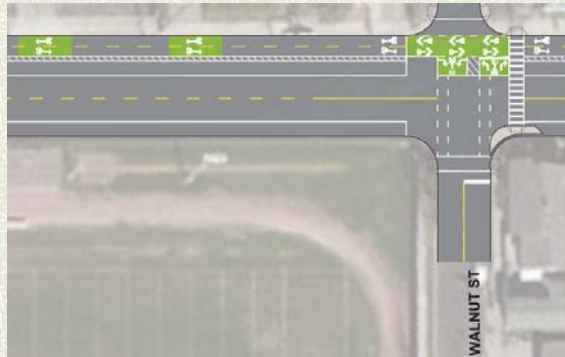


Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Clement Street and Oak Street



Image Source: Kittelson & Associates, Inc.

## What do you think?

### # Clement Street at Park Street

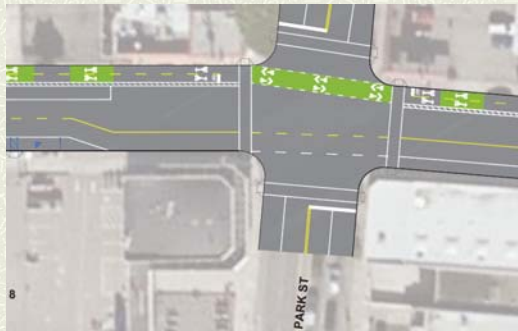


Image Source: Kittelson & Associates, Inc.

## What do you think?

### # Clement Street at Broadway



Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Benefits

- Fewer conflicts
- More inviting for bicyclists
- Motorists travel slower
- Bicyclists pass in bikeway
- Bicyclists ride outside door zone

## What do you think? (cont.)

### # Concerns

- Intersections / driveways
- Termini / end points
- New marked crosswalks
- Sidewalk constraints
- Disabled parking spaces
- Truck access
- Costs

## What do you think? (cont.)

### # Intersections / Driveways

- Green pavement treatment/stripping
- Signal for Clement Avenue/Oak Street
- Bike signals at signalized intersections
- Near intersections/driveways
  - Height restrictions on parking
  - Restrict parking

## What do you think? (cont.)

### # Driveway treatments



Image Source: Google Maps, street view, Seattle, WA



Image Source: Tom Fuoloro, Seattle Bike Blog, Sept 8, 2014

## What do you think? (cont.)

### # Bike signal



Image Source: Kelly Blume, Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Termini / End Points

- Green pavement treatment
- All-way stop at Clement Avenue/ Broadway?
- All-way stop at Clement Avenue/ Grand Street?
- Other treatments?



Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # New Marked Crosswalks

- Potential locations
  - Grand Street
  - Schiller Street
  - Chestnut Street
  - Willow Street
  - Walnut Street
  - Oak Street
  - Everett Street
  - Broadway

## What do you think? (cont.)

### # New Marked Crosswalks

- Potential Treatments
  - Lighting improvements
  - Bulb-outs on south side
  - Ladder marked crossings
  - Others?

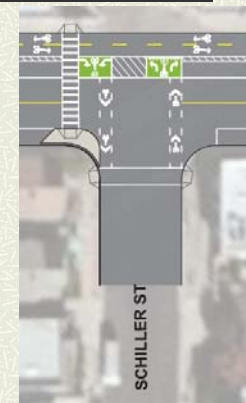


Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Sidewalk Constraints

- Accessible curb ramps
- Access at pinch points
- Widened sidewalks
  - Warehouses on south side
  - Bait and Tackle shop
  - Utility poles
  - Trees

## What do you think? (cont.)

### # Accessible curb ramps



Image Source: Kamala Parks, Kittelson & Associates, Inc.



Image Source: Carl Sundstrom from the Pedestrian and Bicycle Information Center's Image Library

## What do you think? (cont.)

### # Access at pinch points



Before

Image Source: Kamala Parks, Kittelson & Associates, Inc.

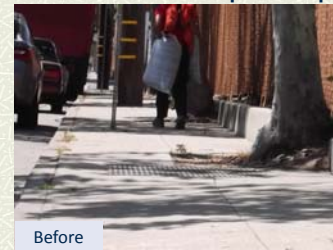


After

Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Access at pinch points



Before

Image Source: Kamala Parks, Kittelson & Associates, Inc.



Proposed

Image Source: Kittelson & Associates, Inc.



## What do you think? (cont.)

### # Access at pinch points – south side

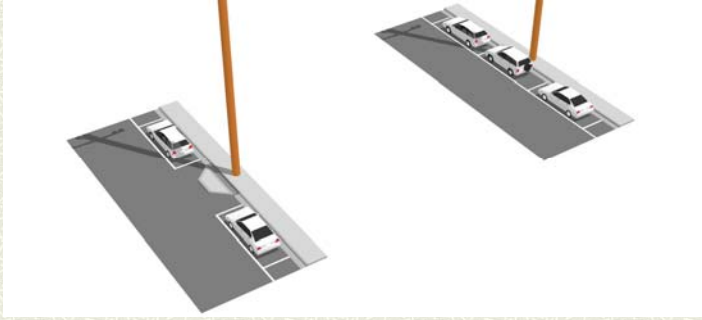


Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Access at pinch points – north side

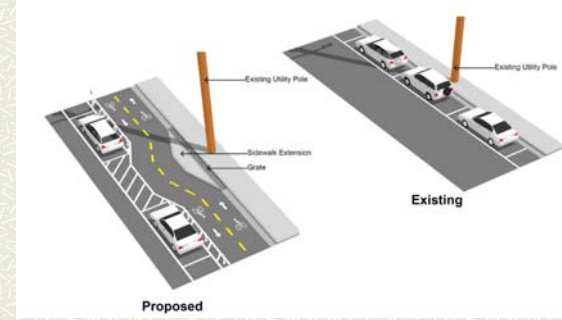


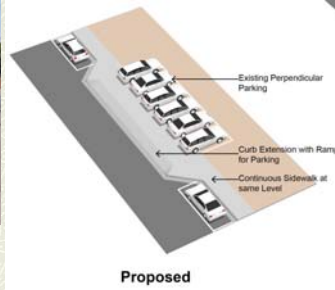
Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Widened Sidewalks



Image Source: Kamala Parks, Kittelson & Associates, Inc



Proposed

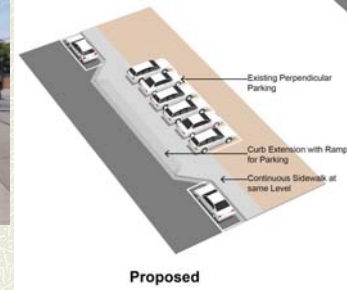
Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Widened Sidewalks



Image Source: Kamala Parks, Kittelson & Associates, Inc



Proposed

Image Source: Kittelson & Associates, Inc.

## What do you think? (cont.)

### # Disabled Parking Spaces

- Potential locations
  - West of Park Street on south side
  - East of Grand Street by Roosters
  - Other Locations?



Image Source: Rita Frankenberry for The Virginian-Pilot

## What do you think? (cont.)

### # Truck Access

- Loading zones
  - Auto Shop at Oak Street
  - Other locations?
- Turning radii
- Preventing trucks from parking in bikeway when loading/unloading



Image Source: Tom Fucoloro, Seattle Bike Blog, Sept 8, 2014

## What do you think? (cont.)

### Railroad Track Removal

Cost per Foot	\$100
Estimated Feet	6,500
Removal Cost Estimate	\$650,000

- |                           |  |
|---------------------------|--|
| Environmental Remediation | <ul style="list-style-type: none"><li>• Soil treatment?</li><li>• Off-site disposal?</li></ul> |
|---------------------------|--|



## What do you think? (cont.)

### # Community Involvement

- Web Site (<http://alamedaca.gov/public-works/clement-avenue-complete-street>)
- Open Forum (<http://alamedaca.gov/public-works/open-forum>)
- Focus Groups
- Community Workshops
- Transportation Commission
- Publicity efforts

## Next Steps

- # City's web site
- # Email list serv
- # March 25: Transportation Commission
- # April 29: Community Workshop #3
- # May 27: Transportation Commission
- # June: Bike/Pedestrian Grant Application?
- # TBD: City Council

## Questions and Comments

### Contact:

Gail Payne

Transportation Coordinator

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(510) 747-7948

### Consultants:

Kittelson & Associates, Inc.

Urban Design Consulting Engineers



## Questions and Comments

### # Ground Rules

- Be safe
- Be respectful
- Be responsible
- Be an ally

= **Better Together!**

## What do you think? (cont.)

### # Break-out Groups

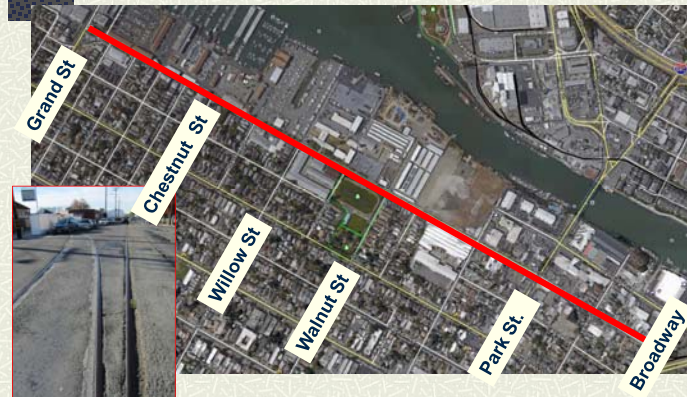
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# Clement Avenue Complete Street Concept Proposal



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## Clement Proposal Location



## Community Meeting #1 (cont.)

