Agenda

Presentation

- Existing Conditions
- Community Meeting Results
- Preferred Option
Why Clement Avenue?
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.)

<table>
<thead>
<tr>
<th>Name</th>
<th>Section</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cross Alameda Trail</td>
<td>1</td>
</tr>
<tr>
<td>Jean Sweeney OSP</td>
<td>2</td>
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<tr>
<td>Del Monte / Clement Extension</td>
<td>3</td>
</tr>
<tr>
<td>Marina Cove II / Clement Extension</td>
<td>4</td>
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<tr>
<td>Pennzoil</td>
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<td>Clement Ave Complete Streets</td>
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<tr>
<td>Tilden Way Bellline</td>
<td>7</td>
</tr>
<tr>
<td>Miller-Sweeney Bridge</td>
<td>8</td>
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</tbody>
</table>

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 Meetings

**Goals**

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

- **SF Bay Trail Corridor Preference**

  - **Community Consensus**
    
    = Clement Avenue
    
    (Broadway to Grand Street)
Community Meetings (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 Meetings (cont.)

- Community Consensus:
  - Two-way bikeway on estuary side of street
Community Meetings (cont.)

Two-way protected bikeway

EXISTING SECTION

PROPOSED SECTION
Community Meetings (cont.)

Two-way protected bikeway

EXISTING SECTION
(OAK ST TO PARK ST)

PROPOSED SECTION
(OAK ST TO PARK ST)
What do you think?

**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
- Clement / Oak Signal
- Bike signals
- Parking height restrictions
- Restrict parking
- Flashing lights
What do you think? (cont.)

Bike signal

Image Source: Kelly Blume, Kittelson & Associates, Inc.
What do you think? (cont.)

Driveway treatments

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

Image Source: Tom Fucoloro, Seattle Bike Blog, Sept 8, 2014
What do you think? (cont.)

Western end of Clement Avenue

Image Source: Kittelson & Associates, Inc.
What do you think? (cont.)

Clement Avenue near Walnut Street

Image Source: Kittelson & Associates, Inc.
What do you think? (cont.)

Clement Avenue and Oak Street
What do you think? (cont.)

Clement Avenue at Park Street
What do you think? (cont.)

Clement Avenue at Broadway

Image Source: Kittelson & Associates, Inc.
What do you think? (cont.)

- **Termini / End Points**
  - Green pavement
  - All-way stop at:
    - Clement Avenue/ Broadway?
    - 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.)

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 – 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**

- Existing Perpendicular Parking
- Curb Extension with Ramp for Parking
- Continuous Sidewalk at same Level

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

Image Source: Kittelson & Associates, Inc.
What do you think? (cont.)

**Disabled Parking Spaces**

- Potential locations
  - West of Park Street on south side
  - On Grand Street by Clement Avenue
  - 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

<table>
<thead>
<tr>
<th>Cost per Foot</th>
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<tr>
<td>Estimated Feet</td>
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<tr>
<td>Removal Cost Estimate</td>
<td>$650,000</td>
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**Environmental Remediation**
- Soil treatment?
- Off-site disposal?
What do you think? (cont.)

- **Community Involvement**
  - Web Site ([http://alamedaca.gov/public-works/clement-avenue-complete-street](http://alamedaca.gov/public-works/clement-avenue-complete-street))
  - Open Forum ([http://alamedaca.gov/public-works/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
- April 29: Community Workshop #3
- May 27: Transportation Commission
- June 1: Bike/Ped Grant Application?
- TBD: City Council
Questions and Comments

Contact:
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Transportation Coordinator
gpayne@alamedaca.gov
(510) 747-7948

Consultants:
Kittelson & Associates, Inc.
Urban Design Consulting Engineers
Clement Avenue
Complete Street
Concept Proposal

Public Works Department – March 2015
Clement Proposal Location
Community Meetings (cont.)

Draft
Preferred
Idea

Draft
Optional
Idea