

#### **COMMUNITY MEETING ON FEBRUARY 22, 2023; 6 – 8 PM**

PUBLIC WORKS DEPARTMENT - TRANSPORTATION DIVISION

<u>Hosted by:</u> Ken Jung, Project Manager, City of Berkeley

#### With support from:

Jennifer Harmon, Design Lead, Diablo Engineering Group Phil Erickson, Community Outreach Lead, CD+A Geoff Rubendall, Traffic Engineering Lead, Fehr & Peers



- For the public to understand the rationale and design considerations that guided the development of proposed design concepts
- 2. To receive input from the public in order to finalize the design concepts





- Meeting will be recorded
- 2 hour meeting, from 6 8 PM
- Sign-in (name and email) via the Q/A button for project updates
- Updates posted to project website: <u>https://fehrandpeers.mysocialpinpoint.com/ohlonegreenway</u>
- City will present first, then open to public questions and comments at specific intervals, including at end
- To speak: <u>raise hand</u>. When called, un-mute your microphone. <u>90 seconds to</u> speak.

- Background
- Project budget and schedule
- What's been done so far
- What's upcoming
- Review of Conceptual Design Options (including public comments and questions)
- Conclusion





# OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: PROJECT GOALS

- Upgrade existing <u>multi-use</u> pathway from Virginia Gardens to Santa Fe Ave.
- Focused on:
  - Safety of intersections
  - Widening to 12' or greater where feasible
  - Improved connection at pathway gap on Peralta Ave.
  - Enhanced pathway lighting
  - Landscaping to improve visibility





#### Project strives to be consistent with Citywide plans:

- Bicycle Plan
- Pedestrian Plan
- Climate Action Plan
- Strategic Plan





- Park areas managed by Parks Department
  - Maintain park atmosphere and open spaces
  - Maintain trees unless in poor condition
    - Cannot substantially increase impact on trees, including root systems
    - Collaboration between Project and City arborists
    - Long-term tree planting plan



### OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: DESIGN CONSIDERATIONS

#### **Fire Department**

- Minimum lane width
- Roadway clear space
- Emergency access routes
- Vehicle turning/maneuverability

#### Access for other large vehicles

- Waste collection trucks
- School buses



### OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: FUNDING

County Transportation Commission

- Project funding administered by Alameda County Transportation Commission (Alameda CTC)
  - Alameda County Measure F Vehicle Registration Fee (VRF) program: \$1.271 million
  - Alameda County Measure BB: \$425,000
  - Additional City funds: \$604,000
- City received funding via a competitive application process in 2021
- Project is cost constrained, and construction has not (yet) been fully funded. Construction cost depends on selected design elements.



Currently in Conceptual Design phase

Conceptual Design → Detailed Design → Bid & Award → Construction

#### Schedule is subject to change

- Revisions to proposed concepts
- Commission and Council (if needed): March April 2023
- Detailed design (mid-2023 early 2024)
- Bid and award construction contract (early to mid-2024)
- Construction\* (mid-2024 early 2025)
  - \*construction funding pending

Proposed conceptual designs are intended to take into account:

- Citywide plans and policies
- Emergency access needs
- Maneuverability for other large vehicles
- Physical constraints trees, drain inlets, fences, public art, etc.
- Cost
- State and Federal Standards
- Other City project (Hopkins Corridor)
- Parking
- Collision history
- Initial community input

# WHAT'S BEEN DONE SO FAR

- Develop conceptual design options
- Outreach to community
  - Pre-outreach to residents and community gardens at Hopkins/Peralta
  - Mailed postcards
  - Sidewalk decals and posted flyers
  - Project website
    - https://fehrandpeers.mysocialpinpoint.com/ohlonegreenway
  - Mass e-mail notification
  - Councilmember newsletter
  - Citywide communications
  - Survey available on project website (open until March I)
  - Community Meeting



Intersection Improvements — Ohlone Greenway Pathway Improvements The City of Berkeley is starting a project to improve improve the safety and user experience on the Ohlone Greenway from Virginia Gardens to the Santa Fe Avenue intersection. The project includes widening the pathway where feasible, improving crossings, signage, lighting, and landscaping; and completing the pathway section on Peralta Avenue. These improvements are based on recommendations in the

City Council-approved 2017 Bicycle Plan.



- Review survey data and other input from public
- Staff-level decision-making in compliance with Citywide plans and policies
- If staff recommendations differ substantially from Citywide plans and/or policies, project should be reviewed by Transportation & Infrastructure Commission and/or City Council as appropriate
  - Use public input as support for proposed improvements
  - <u>Transportation & Infrastructure Commission</u>: advises Council on transportation and public works infrastructure policies, facilities, and services
  - <u>City Council</u>: makes decisions on local laws and policies using input from the community

# OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT PRELIMINARY SURVEY RESULTS

Comments and themes from the survey thus far indicate:

- Need for lighting in particular areas
- Areas in need of widening and intersection safety improvements
- Desire for separating users of different speeds
- Accessibility concerns
- And much more City has begun sorting and analyzing the preliminary data

OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: SCOPE

- From the Council-approved Bicycle Plan
- Bike Plan conflicts with Parks Policies and City Ordinance regarding preservation of Coast Live Oak trees
- Requesting public input how should Council resolve?

#### A. PERALTA AND HOPKINS STREETS

BERKELEY OHLONE GREENWAY

- Existing Path Width = 8' Recommended; Widen path to minimum of 12' and provide separated soft surface pedestrian path where feasible, upgrade pathway lighting.
- 2 Long-term: two-way cycle track connector with raised crosswalk; requires the removal of 8-10 parking spaces. Short-term: improve wayfinding
- 3 Existing Intersection Conditions: Three-way stop. Recommended: Install raised crosswalk



- B. CEDAR-ROSE PARK BERKELEY OHLONE GREENWAY
- Existing: Marked crosswalk Recommended: Install RRFB and raised crosswalk (see crossing detail). Requires removal of two small street trees and one parking space
- 2 Existing: Path Width 8' Recommended: Widen path to minimum of 12' and provide separated soft surface pedestrian path where feasible, upgrade pathway lighting





- Intersection Safety
  - Raised crosswalk





- Intersection Safety
  - Median
  - Bikeway buffers





# OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: DESIGN ELEMENTS

- Intersection Safety
  - Higher visibility markings







- Intersection Safety
  - Flashing beacons (RRFBs)
  - Lighting

     (at intersections
     <u>and</u> along pathway)



# OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: DESIGN ELEMENTS

#### Sightlines at Intersections

- Sidewalk widening
- Red curbs
- Perpendicular crossings Sightlines along Pathway
  - Plants and obstructions







#### OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT BACKGROUND: DESIGN ELEMENTS





# Virginia Gardens to Cedar St.

- No reported collision data over past 10 years
- Proposing:
  - Removal of 2 trees (6" diameter and larger) in poor condition
  - Removal of 2 parking spaces









#### Cedar St. Crossing

- Data from reported collisions over past 10 years:
  - B 3 bikes broadsided by cars (3 injuries)
  - 2 pedestrians/car collisions (2 injuries)
    - I pedestrian right-of-way violation
    - I car right-of-way violation
- No proposed removal of trees or parking spaces







# Cedar Rose Park

- No data regarding reported collisions along this segment of pathway
- Proposing removal of 3 trees (6" diameter and larger) in poor condition











# Tree Planting Plan

Minimum I-for-I tree replacement

s on the Go Camp

Rose St

Costa Centers

Chestnut St

Cedar Rose Park Ochitalpa

💡 Deciduous Pacific Flyway Oak

Cedar St

Hone Greenway





### **Rose St. Crossing**

- No reported collision data over past 10 years
- Proposing removal of 1 tree (12" diameter) in poor condition
- Proposing removal of 7 parking spaces (4 along north side and 3 along south side)









# Rose St. to Hopkins St.

- No data regarding reported collisions along this segment of pathway
- Proposing removal of 3 trees (6" diameter and larger) in poor condition







#### Virginia Gardens to Cedar St.

- Cedar St. Crossing
- Cedar Rose Park
- Rose St. Crossing
- Rose St. to Hopkins St.



90 sec.



#### OHLONE GREENWAY SAFETY IMPROVER CONCEPTUAL DESIGNS



#### Hopkins St. and Peralta Ave.

Data from reported collisions over past 10 years:

- 2 overturned bikes on their own (2 injuries)
- 2 cars collided with parked car or fixed object (1 injury)
- 3 pedestrian/car collisions (3 injuries)
  - > 3 instances of cars at fault









#### Hopkins St. and Peralta Ave.

- Proposing removal of 4 trees (6" diameter and larger) in poor condition, with possibility of one additional depending on clearances for parking lot ramp reconstruction
- Proposing removal of parking spaces
  - Option IA: 12 on Peralta + potentially 2 on Hopkins, depending on results of Hopkins Corridor project
  - Option IB: 10 on Peralta + potentially 2 on Hopkins
  - Option 2: 2 on Peralta + potentially 2 on Hopkins

















PORTION OF HOPKINS

4

RECONSTRUCTED WIDENED PATH .



OHLON OHLON



8' PARKING

2 PARKING SPACES REMOVED

8' PARKING

1 PARKING SPACE REMOVED

DRAFT CONCEPTUAL PLAN

(FOR ILLUSTRATIVE PURPOSES, TO BE USED IN CONTEXT

OF SURVEY AND PUBLIC MEETING ON 02/22/2023)

HOPKINS ST PARKING SPACE REMOVED EXISTING 11' PATH

17.

RECONSTRUCTED PATH, MINIMIZED WIDENING TO PROTECT TREES

LEGEND # EXISTING LIGHT NEW LIGHT PROTECT TREE NEAR PATH REMOVE TREE IN POOR CONDITION EXISTING DRIVEWAY RECONSTRUCT SIDEWALK RAISED CONCRETE MEDIAN EXISTING RED CURB NEW RED CURB

PAVEMENT MARKINGS



#### Hopkins St. and Peralta Ave. Segment







#### Peralta Ave. to Gilman St.

- No data regarding reported collisions along this segment of pathway
- No proposed removal of trees









### Gilman St. Crossing

Data from reported collisions over past 10 years:

- > 4 cars collided with parked cars
- I overturned bike on its own (I injury)
- > 2 cars collided with another car (I injury)
- I car collided with pedestrian, car at fault (I injury)
- No proposed removal of trees or parking spaces









# Santa Fe Ave. Crossing

- No data regarding reported collisions at this intersection
- Proposing removal of I tree (6" diameter) in poor condition
- Proposing removal of parking spaces
   Option I: 2 on west side
   Option 2: I on west, I on east











OHLONE GREENWAY SAFETY IMPROVEMENTS PROJECT CONCLUSION

**Project survey will remain open to March I<sup>st</sup>** Go to the project website

# Thank You !



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