

# Northern Advisory Committee (NAC)



May 18th, 2022



SFMTA



VISION ZERO SF



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18 May 2022

# Embarcadero Enhancement Program

## Central Embarcadero



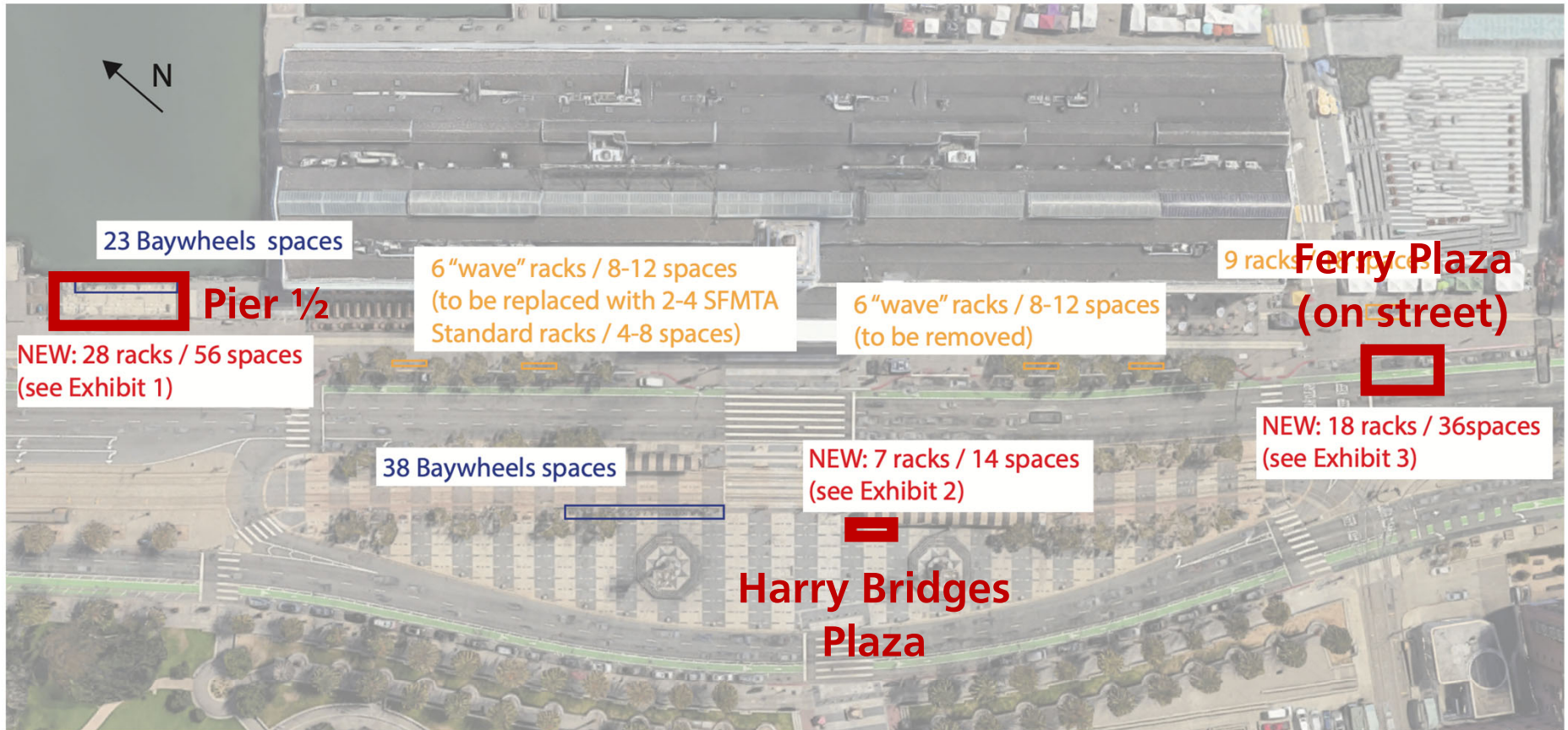
# Quick-build overview



# More changes coming soon



- **More flexible posts at intersections** to dissuade people from driving/loading in the bikeway and crosswalks
- **Green bikeway paint for the full Ferry Building frontage** to better delineate space in this high-activity area
- **Bike/scooter parking hubs near the Ferry Building** to consolidate and expand racks
- **Promenade safety signs** to encourage people to use the bikeway and promote more considerate behavior

# Bike + scooters parking hubs



Note: Satellite imagery does not reflect existing conditions post-construction of Central Embarcadero Quick Build project

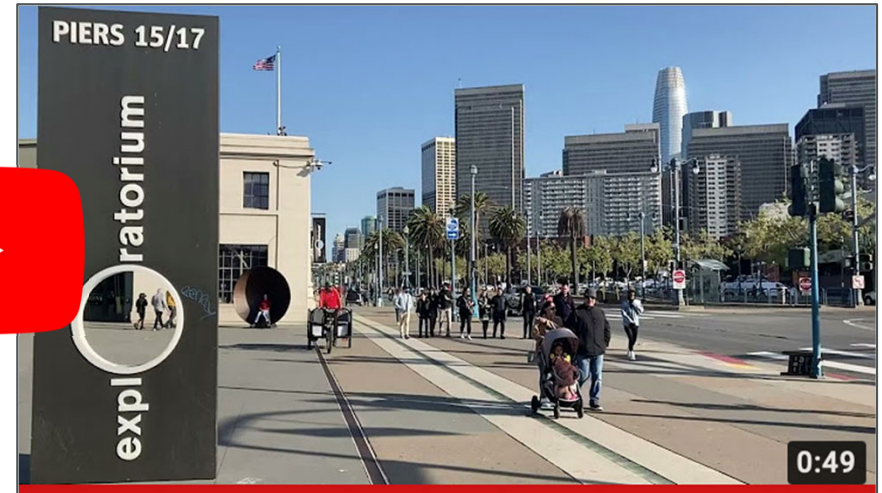
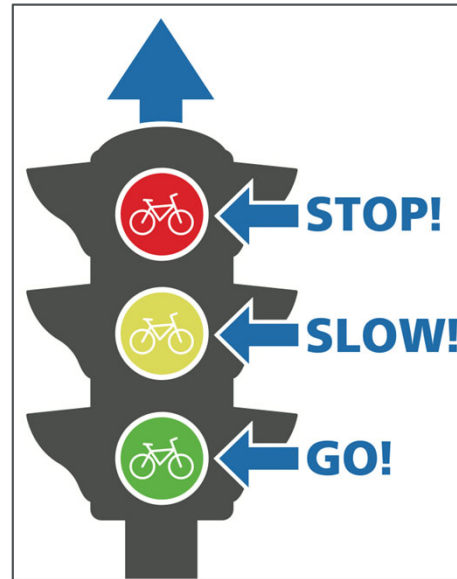
## Legend:

-  Existing bike racks
-  Existing Baywheels station

-  Proposed new bike racks

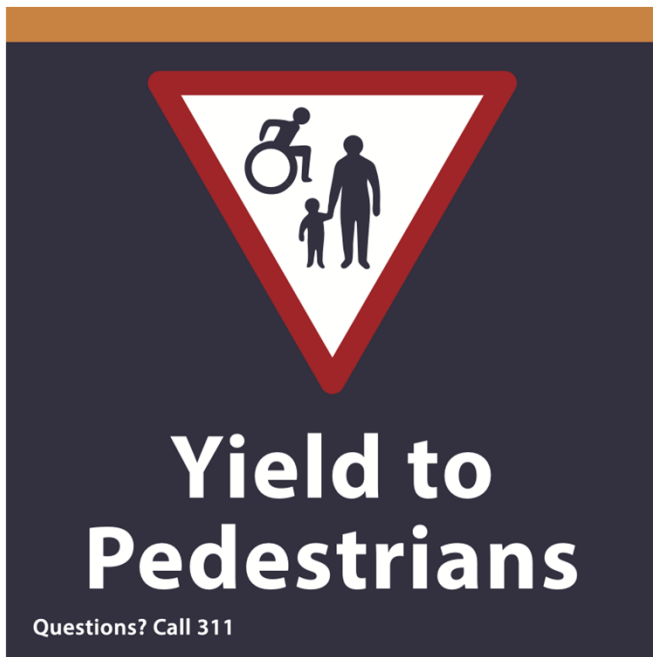
# Public messaging

- **Refreshed A-frames**  
(to be replaced by permanent signs)
- **Short safety videos**  
for ongoing social media promotion



[youtube.com/SFMTAMuniTaxiStreets](https://youtube.com/SFMTAMuniTaxiStreets)

# Promenade safety signs



**Coming in June**

# Scooter share coordination

## Sidewalk detection

- Companies are working on new camera tech to recognize which facility users are riding on (e.g., sidewalk vs. bikeway)
- Scooter will make noises if ridden on the sidewalk and speed will decrease; repeats could result in further sanctions for users

## Geofencing parking

- Possible to geofence scooters to new bike/scooter parking hubs at Pier 1/2, Ferry Plaza, and Harry Bridges Plaza





# Key evaluation questions

- **Safe behavior**

- Are bike and scooter riders yielding at crosswalks?
- Are people driving yielding at 'conflict zones' (e.g., driveways)?

- **Mobility**

- Has vehicle travel time changed?
- How is the performance of the Broadway intersection?

- **Effective design**

- Are bike and scooter riders moving off the promenade into the bikeway?
- Are bike and scooter riders stopping at bicycle traffic signals?
- How are the 'floating' loading zones being used?

- **Ease of navigation**

- Are loading/parked vehicles blocking x-walks, bikeway, travel lanes?
- What effects does the bikeway have on Ferry Building operations?

- **Perception of safety**

- Do people feel safer / more comfortable with the changes?

# Broadway layouts

## Approved by Port Commission for initial implementation

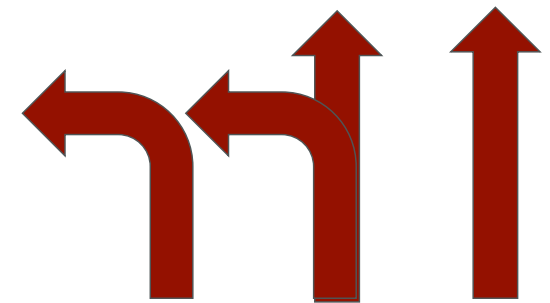


- + Two through lanes is consistent with the rest of the corridor
- Left-turn pocket is susceptible to overflowing during peak traffic
- Reduces vehicle access to destinations via westbound Broadway

## Possible 'field test' pending Port Commission approval

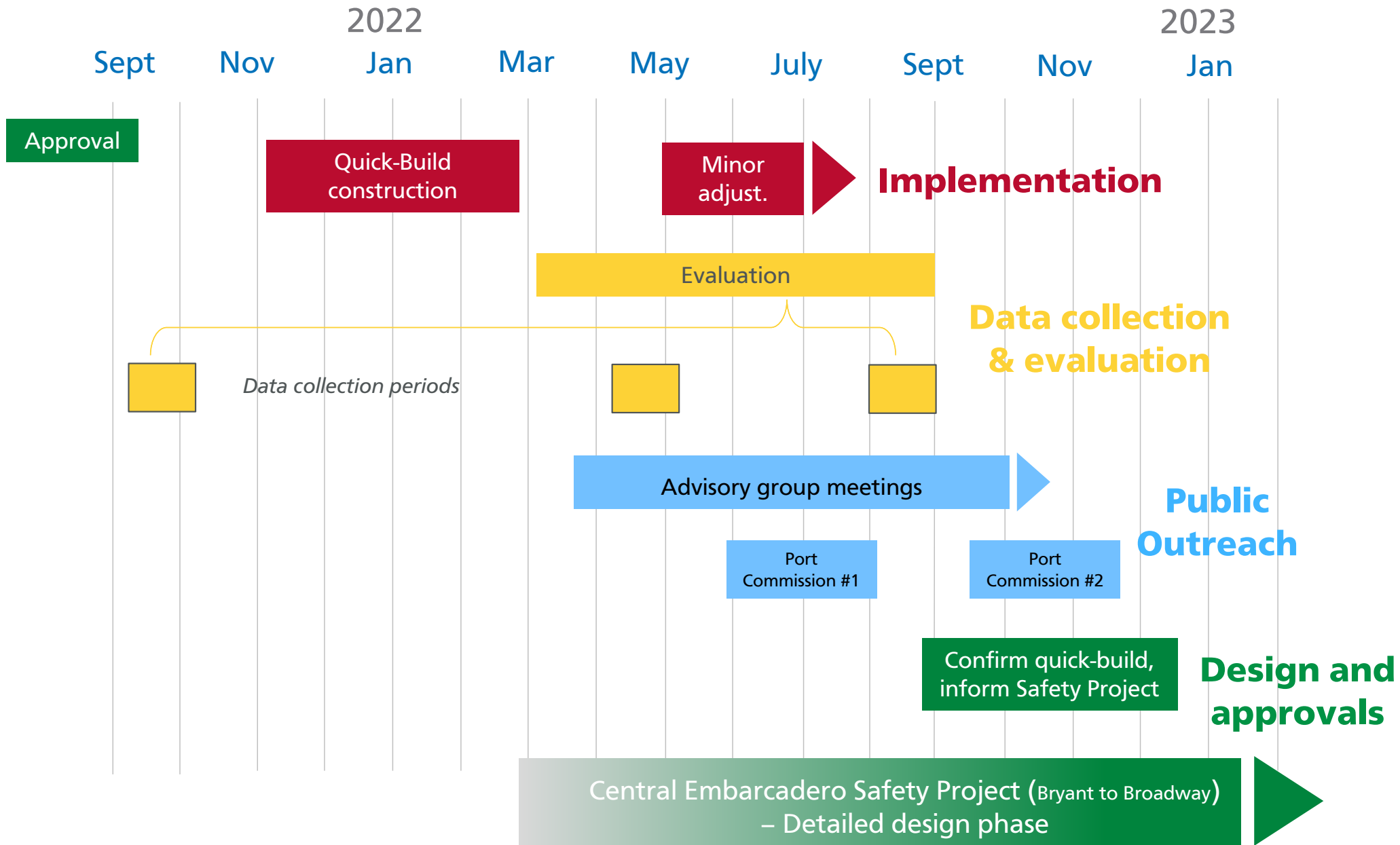


- + Per traffic models, performs more efficiently than other two options
- + Extends protected bikeway through intersection
- Requires drivers to merge from two through lanes into one



- + Flexible center lane is easy to navigate
- Northbound and southbound traffic cannot move at the same time
- Per traffic models, this creates significant congestion

# Central Embarcadero timeline



# Thank you!

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