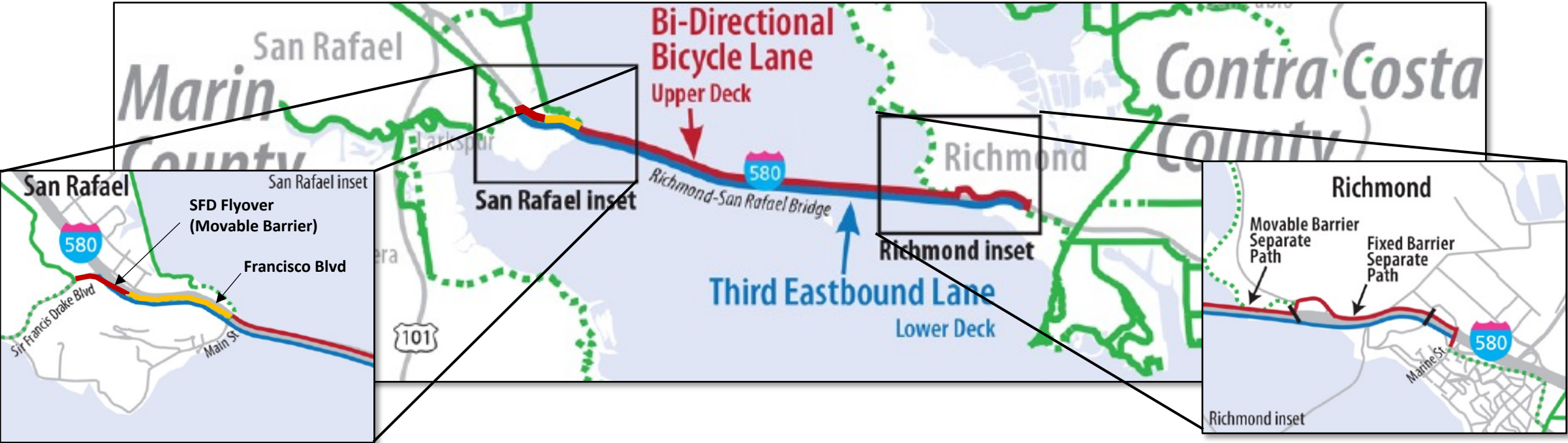
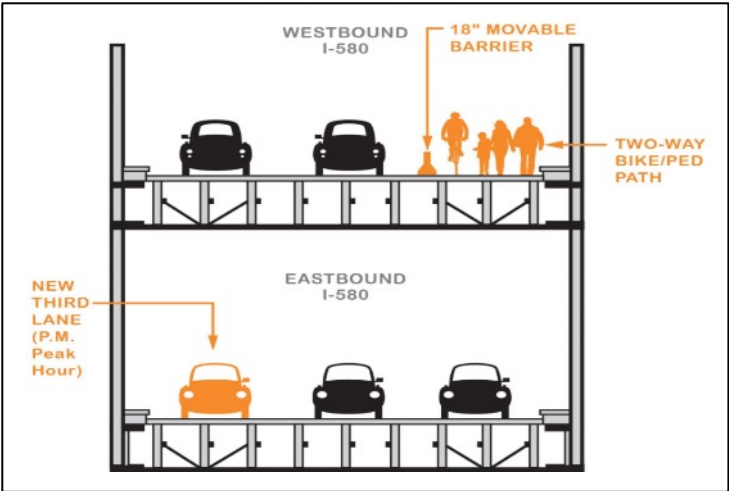


## PROJECT UPDATE:



# RSR ACCESS IMPROVEMENT PROJECT

PKG	DESCRIPTION	STATUS
A	PEAK PERIOD USE LANE	CLOSEOUT
B1	BICYCLE/PEDESTRIAN PATH (BRIDGE + SFD)	CLOSEOUT
B2	FRANCISCO BLVD PATH	FINAL DESIGN & R/W (PENDING CONST FUNDS)

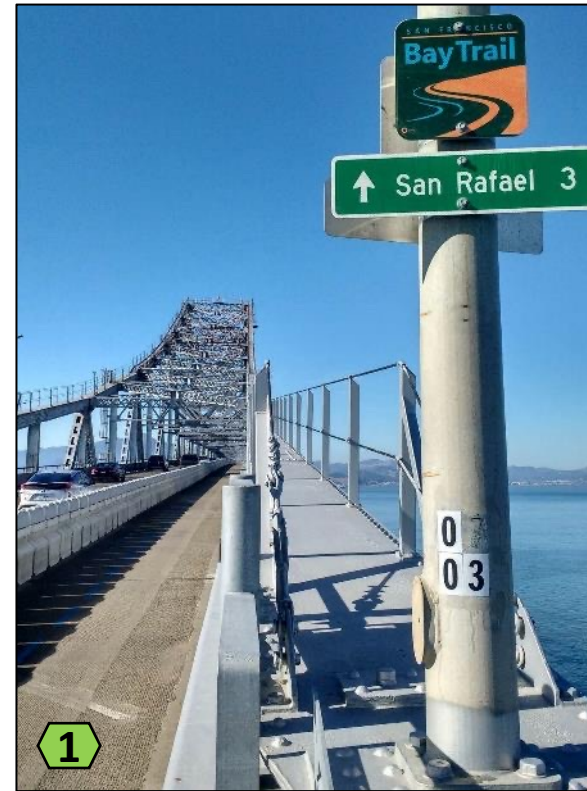




# BIKE/PED PATH OVERVIEW

## Project Updates:

- Converted 6 miles of I-580 westbound shoulder to a bike/ped path
- Improved bike/ped path connection on both Richmond and San Rafael sides
- Path Opened November 16, 2019
- 4-year Pilot study by Caltrans & UC Berkeley PATH
- Project Closeout, Finalizing Construction Punchlist





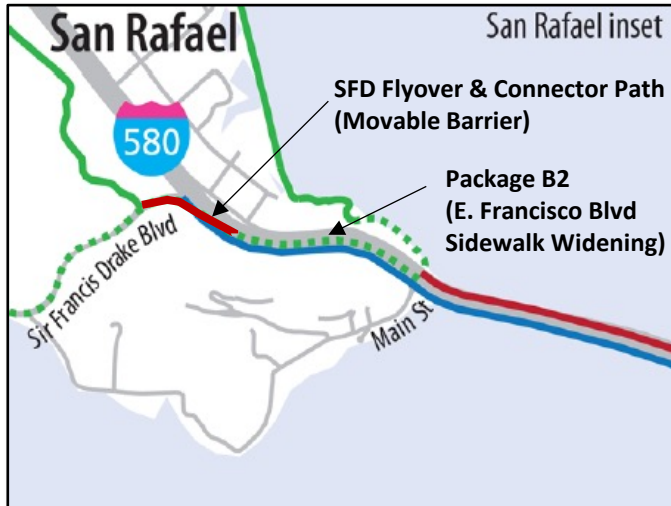
# IMPROVEMENTS IN 2020

## Sir Francis Drake Blvd Flyover Pilot

- Separated two-way Class 4 Bikeway adjacent to the SFD Flyover off-ramp, using moveable barrier system.
- Crosswalk and Islands at Andersen Drive Intersection
- Design & Funded by Transportation Authority of Marin
- Construction by BATA

## Connector Path

- Relocated access point along E. Francisco Blvd.

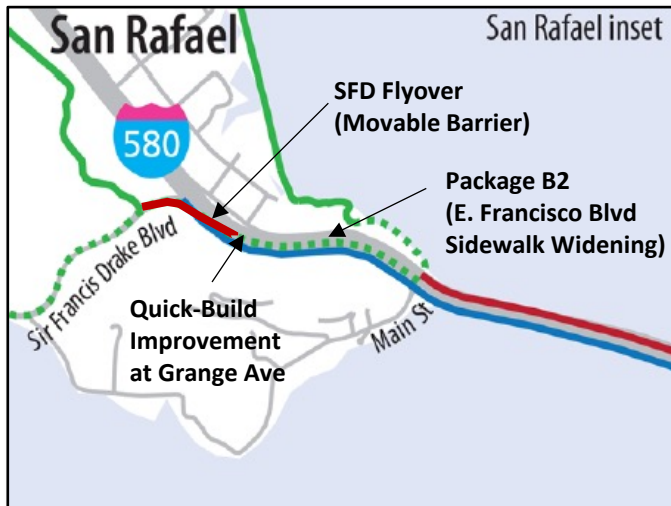




# IMPROVEMENTS IN 2020

## "Quick-Build" Improvements:

- Coordinated with City of San Rafael to implement quick-build intersection improvement to enhance safety and access to Sir Francis Drake Blvd. Flyover
- Intersection improvement was designed and implemented in the span of 6 months
- "Quick-Build" = pilot or interim project, use of temporary materials, rapid project delivery

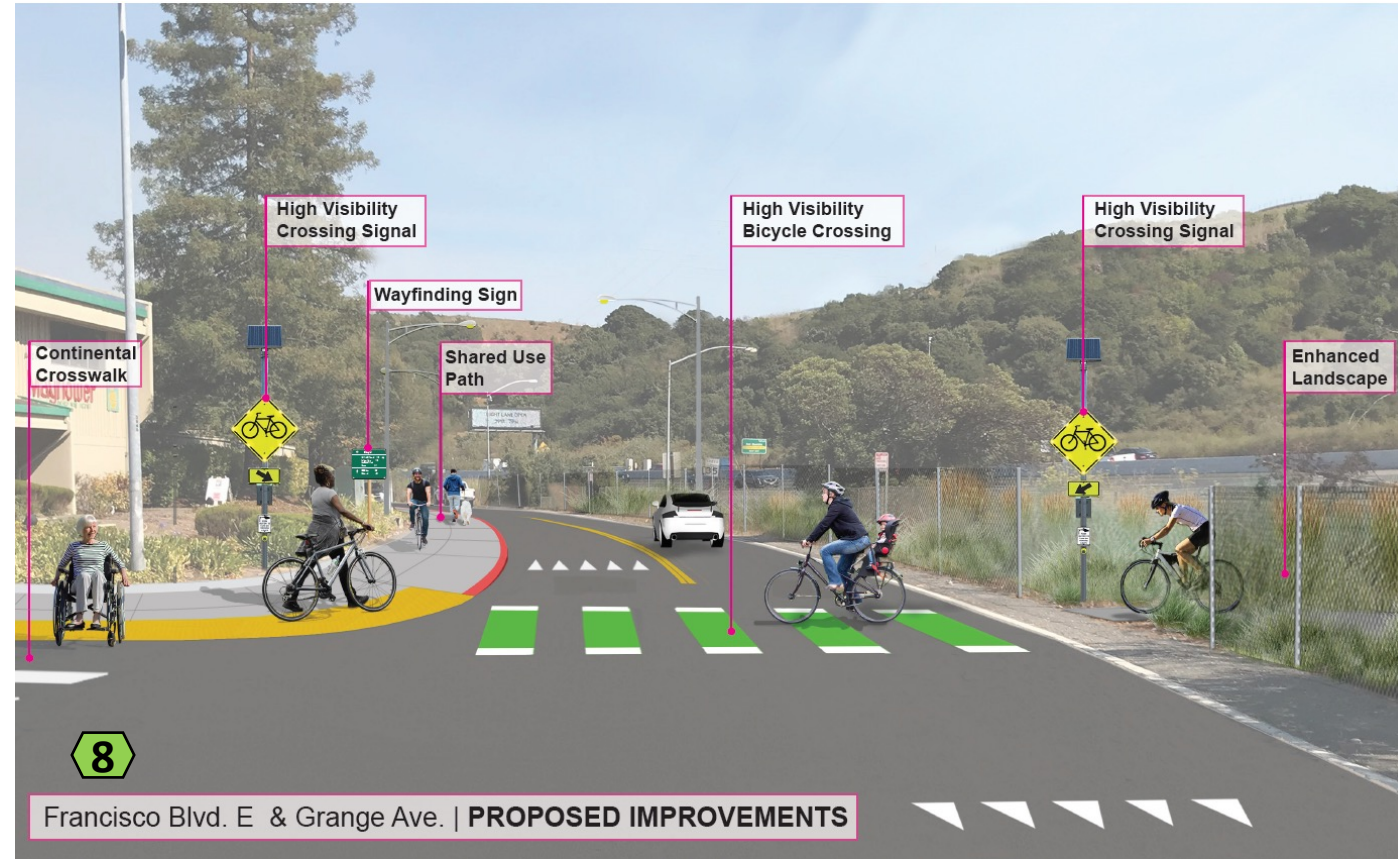
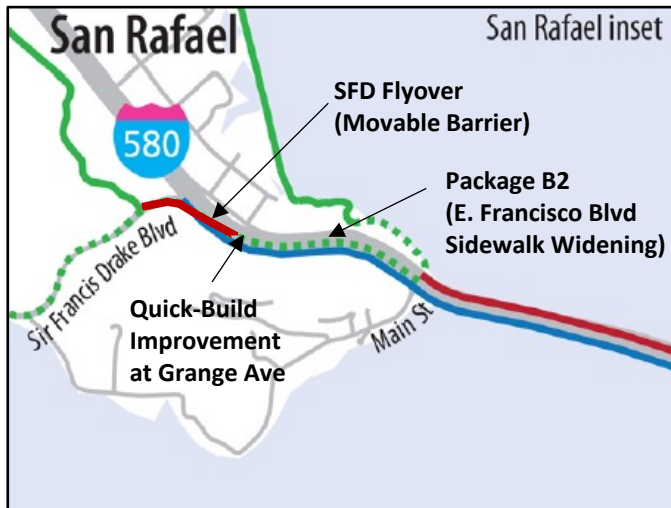




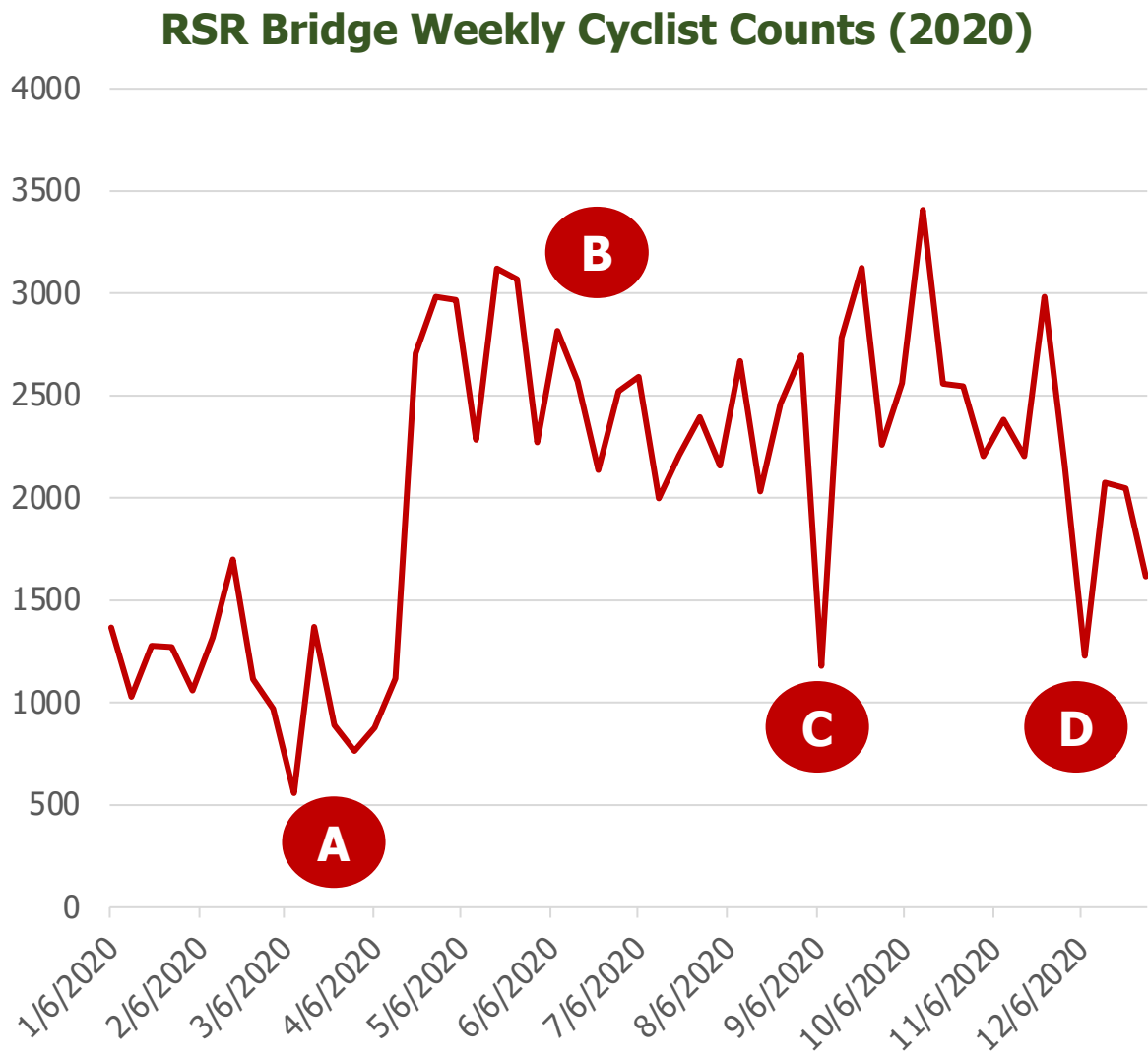
# IMPROVEMENTS IN 2020

## ATP Grant Application (Package B2)

- Package B2 (Francisco Blvd. Shared Use Path) construction is on hold, due to funding
- Final Design complete; R/W Cert in-progress
- Applied for Active Transportation Program (ATP) Grant (\$4,302,000) for construction
- 23% MTC/BATA local match



# BRIDGE PATH USAGE: WEEKLY COUNTS & OBSERVATIONS



## Observations:

- A** Covid-19 Stay-at-Home Orders
- B** Warmer Summer Weather
- C** Poor Air Quality from Nor Cal Fires
- D** Cold/Wet Weather

## Note:

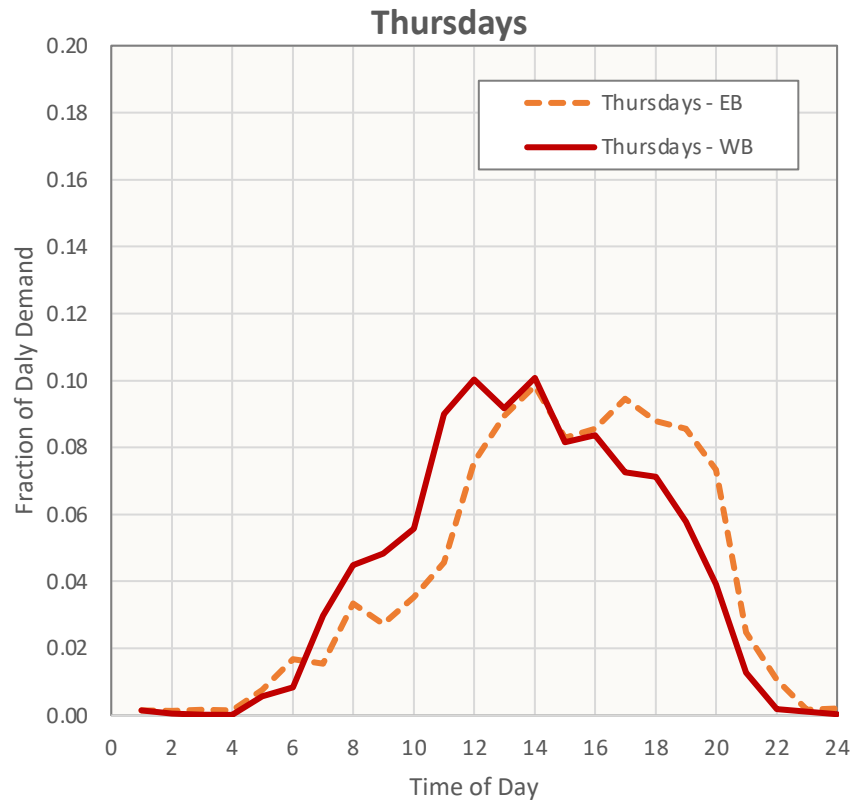
- Surges in COVID-19 cases could also contribute to dips.

Source: MTC's MySidewalk website (data via eco-visio), CY 2020

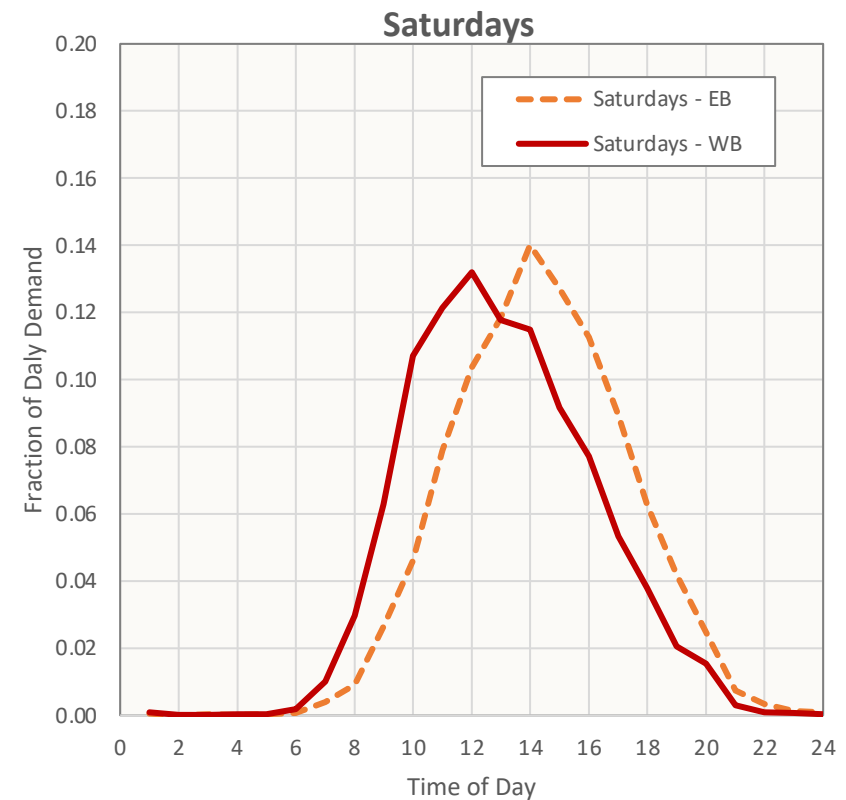
# BRIDGE PATH USAGE: TIME OF DAY ANALYSIS

- **Daily Pattern:**

- WB traffic peaks late morning
- EB traffic peaks early afternoon



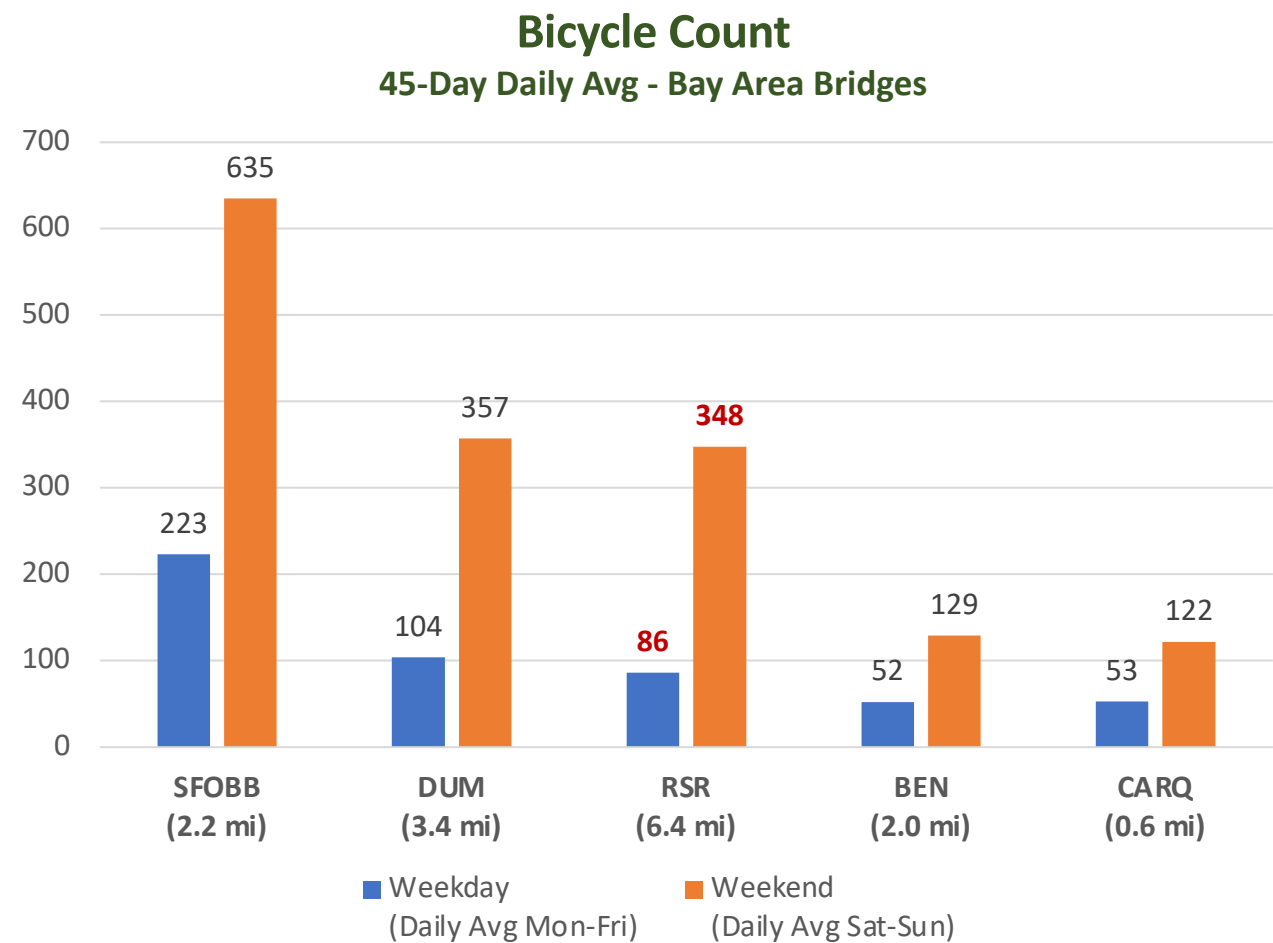
Source: UC Berkeley PATH Pilot Study



Source: UC Berkeley PATH Pilot Study



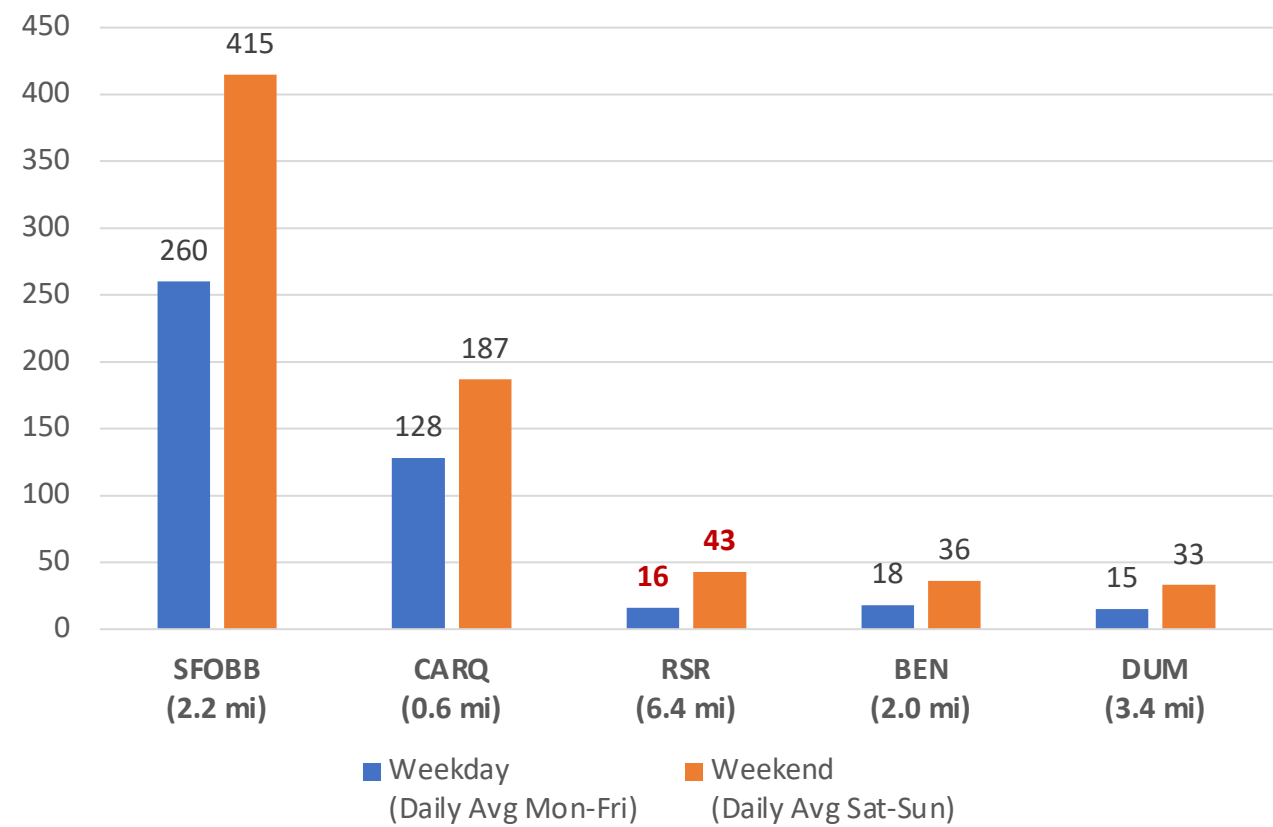
# BRIDGE PATH USAGE: COMPARISON TO BAY AREA BRIDGES



Source: MTC’s MySidewalk website (data via eco-visio) based on last 45-day average; 3/3/2020  
Count results are estimates and are subject to factors that can affect accuracy.

# BRIDGE PATH USAGE: COMPARISON TO BAY AREA BRIDGES

Pedestrian Count  
45-Day Daily Avg - Bay Area Bridges



Source: MTC’s MySidewalk website (data via eco-visio) based on last 45-day average; 3/3/2020  
Count results are estimates and are subject to factors that can affect accuracy.



# OPERATIONAL IMPROVEMENTS & BRIDGE PATH CLOSURES

## Operational Improvements:

- Installed bollards and barriers to prevent motorized vehicles entering the path.
- Installed additional pavement markings and signage along path to minimize accidents/injuries.
- Implemented Crisis Counseling service, Training, and installed Signage along the bridge, to minimize potential jumpers.
- Continued coordination with Caltrans and First Responders on incident management to minimize path closures due to vehicular-caused barrier misalignment.



## Upcoming Path Closures:

- Regular closures of the Bridge Path will occur for bridge rehabilitation, painting, maintenance, and inspection activities.
  - Caltrans Paint Contract Begins Spring/Summer 2021
- Notifications via MTC, 511, Bay Trail websites
- Shuttles provided to/from designated pickup/dropoff locations at each end of bridge.

## KEY STAKEHOLDERS



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## KEY CONTRACTORS & CONSULTANTS





**THANK YOU**

