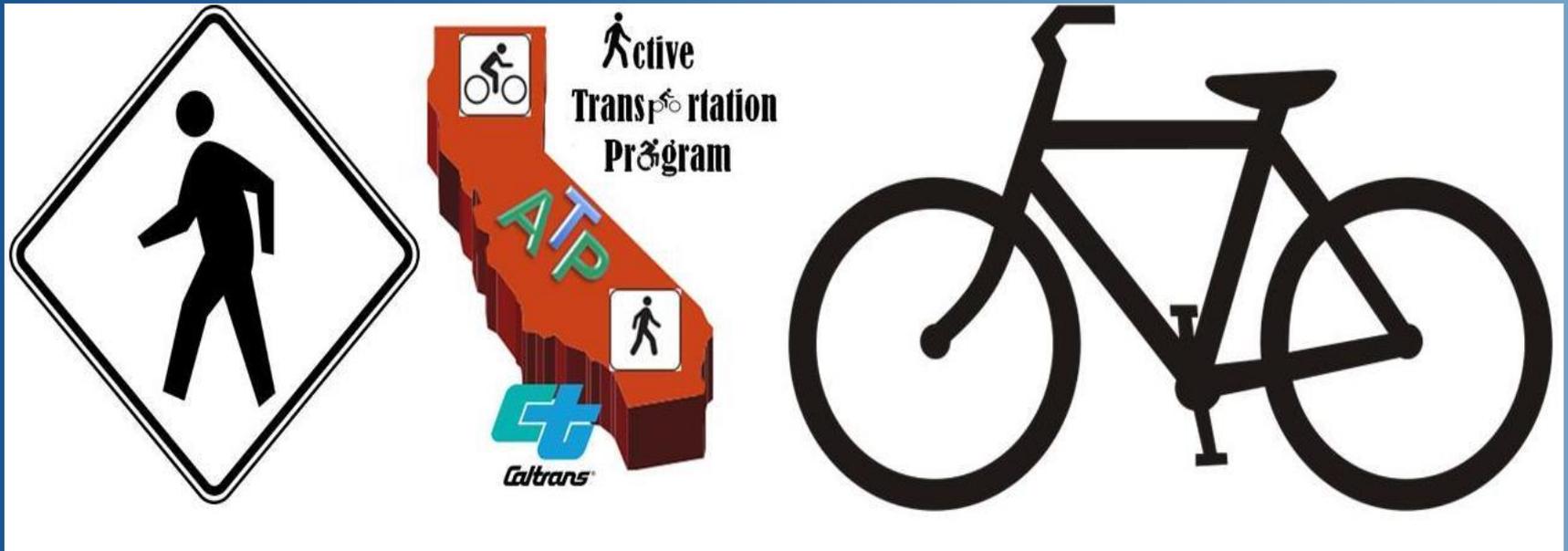


Active Transportation Program (ATP)



Rene Dalton
June 20, 2018

ATP Cycle 4

- In 2018 up to \$217 million Federal & State Funds and \$37 million Regional Funds Available
- Eligible projects: Infrastructure, Plans and Non-Infrastructure
- New this year is Senate Bill 1 (SB1)
- Additional information can be found at <http://www.dot.ca.gov/hq/LocalPrograms/atp/cycle-4.html>

ATP Purpose & Grant Timeline

- Increase walking and biking trips
- Increase Safety and mobility for non-motorized users
- Reduce greenhouse gas and enhance public health
- Ensure that disadvantaged communities benefit
- Applications due July 31, 2018
- Project Approvals by State December 31, 2018

Proposed Projects for ATP 2018

Safe Route to School Improvements

- Infrastructure Improvements such as sidewalk widening, curb extensions, traffic calming
- Lane reductions from 4 to 2
- Curb Ramps & Ladder Crosswalks, buffered or separated bike lanes



Cabrillo Elementary



Cabrillo Elementary Safe Routes to School Improvement Plan

Site Assessment held 5/31/2016

- 1 Frobisher Dr / San Pedro Dr**
Conduct all way stop sign warrant study
- 2 Cabrillo Elementary Southwest Parking Lot**
Install removable bollards or use cones to utilize drop offs in lot
- 3 Cabrillo Elementary north driveway loop entrance**
Install high visibility crosswalk across driveway
- 4 Cabrillo Elementary south driveway loop entrance**
Install high visibility crosswalk across driveway
Install curb extension and directional ramps
- 5 San Pedro Dr east of Cabrillo south driveway entrance**
Restripe existing crosswalk as high visibility
- 6 Cabrillo Elementary School along San Pedro Dr.**
Widen sidewalks along school frontage from 4 ft. to 6 ft. min. as school develops or expands
- 7 San Pedro Dr. from Frobisher Dr. to Balboa Way**
Install signage to prohibit parking in appropriate locations
Install red curb 20 feet on either side of driveway entrance/exit
- 8 Thornton Ave / San Pedro Dr**
Consider curb extension on northwest corner of intersection with curb ramps for both crossings
Install advance stop bars on all legs of intersection
- 9 Thornton Ave / San Pedro Dr Intersection**
Check pedestrian signal timing at intersection to ensure 3.5 ft. per sec. and complies with ADA requirements

LEGEND

- Proposed Stop Sign
- Proposed Bollards/Traffic Cones
- Existing Crossing Guard
- Recommended sidewalk / curb extension
- Recommended high visibility crosswalk

Fremont
CITY OF

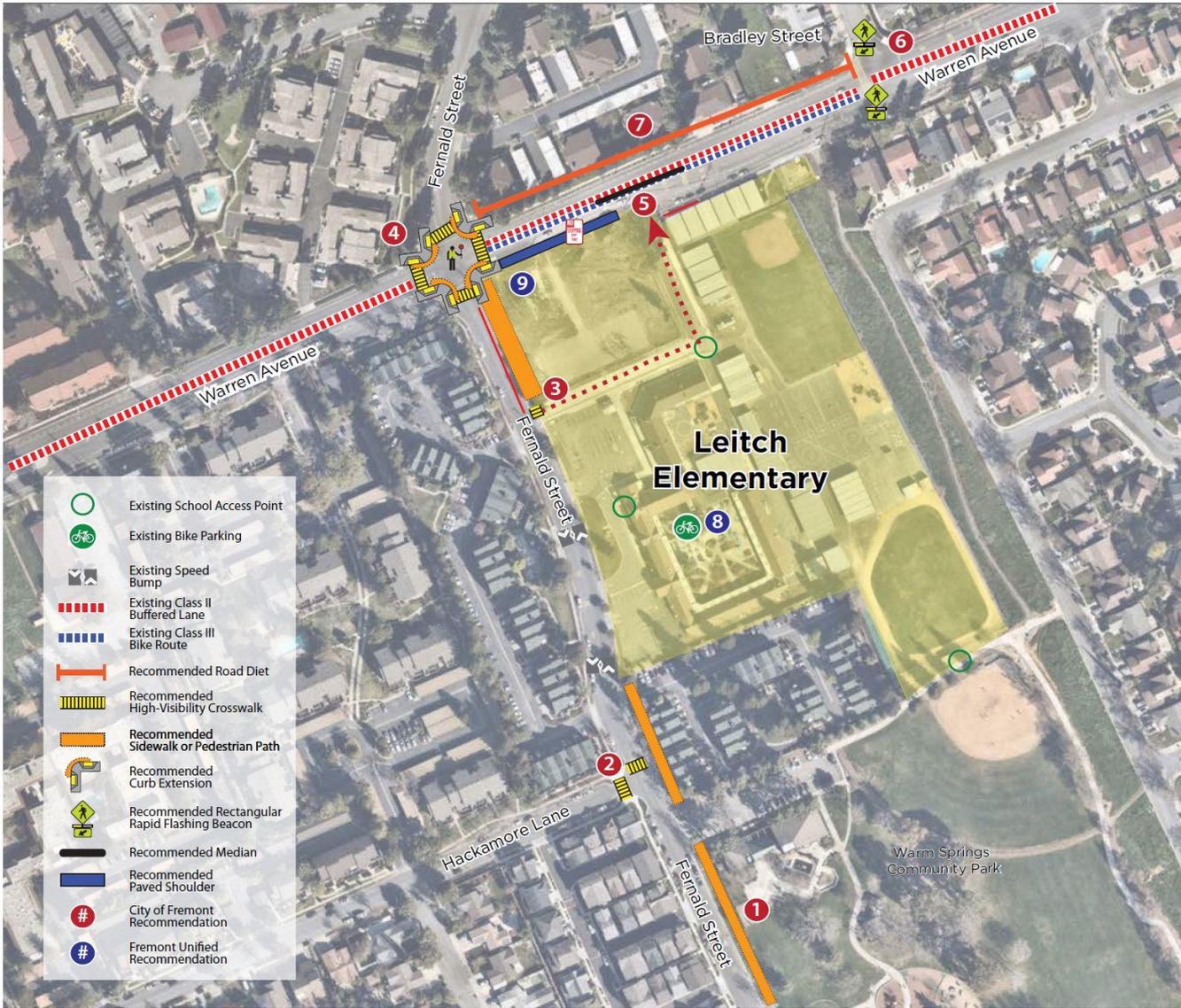
alta
PUBLIC WORKS DIVISION

Improvements not to scale. 0 100 200 ft



CITY OF
Fremont

Leitch Elementary School



Leitch Elementary, FREMONT

Safe Routes to Schools Improvement Plan

Site Assessment held MARCH 2018

- Fernald Street**
 - Widen sidewalks on the east side of Fernald Street south of Leitch Elementary frontage to Pontiac Way
- Hackamore Lane/Fernald Street**
 - Install high visibility crosswalks across Hackamore Lane and north approach of Fernald Street
 - Conduct stop sign warrant analysis at intersection to identify if three-way stop is appropriate
- Fernald Street Valet Entrance**
 - Install high visibility crosswalk across valet entrance on Fernald Street
 - Install sidewalk or on-street separated pedestrian path on east side of Fernald Street between valet entrance and Warren Avenue. Consider narrowing travel lanes to provide pedestrian area
- Warren Avenue/Fernald Street**
 - Remove free right turn lane from eastbound Warren Avenue at Fernald Street.
 - Install curb extensions at all corners of the Warren Avenue/Fernald Street intersection.
 - Install high visibility crosswalks on each approach
 - Study and if necessary, adjust pedestrian phase signal timing across Warren Avenue. Consider Leading Pedestrian Interval to increase pedestrian visibility
 - Explore the opportunity to extend the crossing guard's shift earlier to also facilitate crossings of Warm Springs Elementary students
- Warren Avenue/Valet Exit**
 - Install concrete median on Warren Ave on either side of valet exit to prevent left turns onto Warren Avenue
 - Consider paving shoulder on Warren Avenue west of valet exit to provide extra space for people biking.
 - Install R26S "No Stopping Any Time" Signage along shoulder
- Warren Avenue/Bradley Street**
 - Install Rectangular Rapid Flashing Beacons and remove in street pedestrian signage
 - Consider installing curb extensions on both sides of the crosswalk to shorten crossing distance
- Warren Avenue**
 - Install a road diet on Warren Avenue to allow for the installation of an eastbound bike lane between Fernald Street and Bradley Street
- On Campus**
 - Install updated secure bike parking that is accessible for parents and teachers
- Fernald Street/Warren Avenue Red Curb**
 - Install red curb on east side of Fernald Street between valet entrance and Warren Avenue
 - Designate a red curb area on Warren Avenue east of valet exit to assist vehicles exiting valet

0 200 ft

Improvements not to scale



Highway Safety Improvement Program Cycle 9

- Purpose is to reduce fatalities and serious injuries on ALL public roads.
- Strategic & Data driven safety management process
- \$140-\$160 million in Federal HSIP Funds
- Min/Max - \$100k/\$10 million per application
- No limit on the number of applications
- Applications Due - August 31, 2018

Types of Projects or Improvements

- High Friction Surface Treatment
- Guard rail and bridge rails
- Horizontal Curve Warning Sign
- Pedestrian Crossing Enhancements
- Bicycle/Pedestrian pathway that corrects or improves safety for users
- Shoulder widening
- New raised median

Niles Blvd Between Fremont City Limits and Nursery Avenue (Existing Conditions)

- Four Vehicle Lanes, Striped Center/Median lane and Bike Lanes
- 16,000 to 17,000 Average Daily Traffic
- Posted Speed = 35 and 40 MPH, 85th % Speed = 43 MPH
- Jan 2013 to Dec 2017 Collisions = 17, 1 Ped fatality, 2 Bicycle

Proposed Project Improvements

- Reduce number of Lanes from 4 to 2
- Buffered Bicycle lanes with Delineators
- Lane
- Pedestrian Crossing Enhancements such as center medians, Intersection Bulb-outs
- High Visibility Crosswalks, curb ramps
- Flashing Beacons if warranted

Next Steps

- Obtain Support Letters for the Projects
- Complete Conceptual Plans
- Complete Cost Estimates
- Complete ATP and HSIP Grant Applications
- Submit ATP Application on July 31, 2018
- Submit HSIP Application on August 31, 2018