Korematsu Middle School Safe Routes to Schools - Phase 1 Improvements

October 10, 2018

City of El Cerrito - Public Works Department
Agenda

- Welcome/Introductions  6:30-6:40
- Project Background   6:40-6:50
- Project Design Elements   6:50-7:10
- Project Next Steps & Schedule   7:10-7:15
- Questions & Answers   7:15-7:30
- Open House   7:30-8:00
Background

- Develop citywide Active Transportation Plan, including East Side Bicycle Boulevard (2013-2016)
- Encourage walking, biking and use of transit

City of El Cerrito

Active Transportation Plan

Fehr & Peers
El Cerrito
Adopted April 2018

5 East Side Bicycle Boulevard
Blake Street, Norvell Street, Schmidt Lane, Richmond Street, Morsey Lane, Norvell Street, Lincoln Avenue, Alameda Street, Behrens Street

Description
This project refines the bicycle boulevard alignment identified in the 2007 Plan based on community feedback and recently implemented projects. Several alternative alignments were noted and can be further refined in the next phase of the project based on traffic study, right-of-way assessment, additional topography assessment, cost comparisons, and public input. The bicycle boulevard would serve residential areas east of Richmond Street and provide access for several schools.

Background
The 2007 Plan identified a north-south bicycle boulevard alignment on the east side of El Cerrito. This project proposes identifying the bicycle boulevard with retained pavement legends, wayfinding and destination signage, and traffic calming features. Topography is a major consideration of the route and informs how the route joins through neighborhoods. Direct access to key destinations is also a consideration for the bicycle boulevard alignment.

Cost
Range $1,600,000 - $2,400,000 (includes Priority Project 46 - Wayfinding)

Issues & Opportunities
- Opportunistically look at an easement through the PG&E power station connecting Norvell Street between Schmidt Lane and Perkins Drive
- Opportunistically study the possibility of reconfiguring parking through the El Cerrito Swim Center lot and/or widening the existing path
- Address auto speeds on downhill roadways and roadways with limited traffic control
- Consider alternative alignment on Ruby Avenue, which has existing shrubbery or bicycle lanes along its length based on route directness and more level terrain but also has higher traffic volumes

Detail of Proposed Improvements
- Use bicycle boulevard pavement legends with directional arrows and bicycle boulevard signs with destinations and mileage to reinforce understanding of the bicycle boulevard alignment
- Install pedestrian-activated beacons (RRB's) at crossings of high volume roadways, such as Stockton Avenue
- Provide bicycle cut-through at the cul-de-sac at Behrens and Spotnake Avenue
- Provide raised intersections and raised curbs to help manage auto speeds
- Flip STOP signs where feasible to give priority to through traffic on the bicycle boulevard
- Include accessibility improvements, such as directional curb ramps, wherever curb extensions and raised crosswalks are installed
Background

- Coordinate with school construction (2013-2016)
- Update school area traffic control, including signs and pavements markings (2016)
  - High visibility crosswalks & curb bulb-outs on Donal at Gayle
  - Stop Sign on Gayle at Donal
  - Stop Sign on Lawrence at Gladys
  - Stop Signs on Norvell at Donal
  - Florescent, Double-side School Crossing Signs on Potrero at Navellier
Secure competitive grant funding form Transportation Development Act, Article 3 Pedestrian & Bicycle Program - $80,000

- Walking and Biking Routes within a few blocks of school
- Crosswalk Improvements at several intersections
- Portion of East Side Bicycle Boulevard – Norvell and Schmidt
  - Traffic Calming - speed bumps and tables
  - Bike Route - pavement markings and signs

Supplement with SB 1 Funding - $25,000
Background
Design Elements – Crosswalk Improvements

- High-Visibility Crosswalk Markings & Painted Splitter Islands
- New In-Street Fluorescent Signs
Design Elements – Crosswalk Improvements

- High-Visibility Crosswalk Markings with Painted Curb Extensions
- Road-side Florescent Signs
Design Elements – Intersection Improvements

- New Stop Signs and Stop Legends on Gladys at Norvell
- Improved Crosswalk Markings
- Centerline Striping
Design Elements – Intersection Improvements

- New Crosswalk Markings on Donal at Lawrence
- New Road-side Florescent Sign at Gayle Court
- Refresh Existing Striping
Design Elements – Bike Blvd on Norvell Street and Schmidt Lane: Traffic Calming

- One Existing Speed Bump - Norvell btwn Donal & Manila
- Three New Speed Bumps on Norvell btwn Potrero and Gladys, Gladys and Donal, and btwn Manila and Schmidt
- Two New Speed Tables on Schmidt btwn Norvell and Richmond (accommodate trucks and emergency vehicles)
Design Elements – Bike Blvd on Norvell Street and Schmidt Lane: Traffic Signs & Markings

- New Bike Route Signs & Shared Roadway Markings
Next Steps and Schedule

- Follow-up site visits – October to November 2018
- Complete Design - December 2018
- Bidding and Award of Contract – Early 2019
- Construction – Spring 2019
Construction Phase

- Anticipated March/April 2019
  - Estimated Duration – 4 weeks
  - Hours of Work - Monday thru Friday, 8:30 am to 4:30 pm
- Temporary Traffic Impacts
  - Vehicle Delay – 1 to 3 Minutes
  - Potential Local Detours
City Contacts

Project Background & School Traffic Circulation
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Design and Construction Progress
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