City of Albany – University Village Bicycle Facility on San Pablo Avenue

MTC Planning Innovations Forum #5: Tricks and Tools for Implementing Complete Streets, October 26, 2017
Project Location
Project Coordination with Caltrans-Projects on State Routes

• Start early: Contact Caltrans Planning to Discuss Project Goals
• Gather your Planning Framework: Local ATP Plans where project is included, General Plans, Specific Plans.
  - Document Community Input
  - State how the project would fulfill the goals of the City for the corridor.
• Assemble your Caltrans Team
• Work with Caltrans Team throughout project design phase-Secure all Caltrans Permits
UC Village Project-Planning Background

Albany Active Transportation Plan

Complete Streets
CONCEPTUAL DESIGN AND PLAN FOR SAN PABLO AVENUE AND BUCHANAN STREET

City of Albany
2035 General Plan
Bicycle Network in Albany

- Class I
- Class II
- Class III
- Planned Class III

- Ohlone Greenway
- Talbot Ave.
- Kains Ave.
- San Pablo Ave.
- Adams St.
- Jackson St.

- Bay Trail and Waterfront
San Pablo Ave. Cross Section

• 100’ Total Cross Section:
  Striped median: 14’
  Outside travel lanes: 10’
  Inside travel lanes 12’
  8’ parking lanes each side
  13’ sidewalks
Proposed Plans

• Design Flexibility:
  - Decreased width of sidewalk on west side of San Pablo Avenue
  - Vertical separation between cycle track and sidewalk: 3” instead of 5’ horizontal separation

• Design Exception for “width of paved shoulder next to highways” from 8’ to 4’ on SB San Pablo.
Proposed Plans

San Pablo/Dartmouth Intersection Pedestrian Hybrid Beacon (HAWK)

Bus Stop Far Side of the San Pablo/Monroe Intersection
UC Village Mixed Use Development

New Cycle Track-South View

Sprouts Plaza

4.5’ wide shoulder

Bike and pedestrian facilities at same level
UC Village Mixed Use Development

Bus Stop transition at Monroe – North view

Bus Stop – Bike and sidewalk swap sides at same grade
UC Village Mixed Use Development

Bicycle lane extension through intersection at San Pablo and Monroe

Monroe Intersection North View

*NRTOR Blank out Signal*

*Bike Crossing Stripes*

*Bike signal*
UC Village Mixed Use Development

Pedestrian Hybrid Beacon – not activated yet
In the future, City plans to extend Cycle track to connect with Buchanan Bikeway and the Bike lanes along Marin Ave.
Evolution of Caltrans Multimodal Design Flexibility

2001  Context Sensitive Solutions Policy
2008  Complete Street Policy
2012  Highway Design Manual Complete Streets update
2014  Multimodal Design Flexibility
      NACTO* guidance endorsement
2015  Caltrans Strategic Management Plan 2015-2020
      Targets: - 3x bicycling, 2x walking and transit trips by 2020
                - Reduce fatalities by 10% by 2020
      Class IV Separated Bikeway guidance
2017  Toward an Active CA – 1st CA State Bike & Ped Plan
      www.goactiveca.org

*NACTO: National Association of City Transportation Officials
Caltrans Guidance

- Highway Design Manual (HDM)
- CA Manual on Uniform Traffic Control Devices (CAMUTCD)
- Design Information Bulletin (DIB) 82-05 – ADA
- Complete Intersections Guide
- Main Street, California
- DIB 89 – Class IV Separated Bikeways
Other Publications

HDM Index 82.3: Other publications may be used as long as deviations from HDM and DIBs are documented

- NACTO design guides
- FHWA Separated Bike Lane Guide
- MassDOT Separated Bike Lane Guide
- ITE Accommodating Pedestrians and Bicycles at Interchanges
Additional Resources

**Yes We Can**
- Examples on pedestrian and bicycle treatments that can be used on State highways
- [www.goactiveca.org](http://www.goactiveca.org)

**District 4 Guide to Bikeway Classification**
- Types of bicycle facilities.
- Examples of intersection treatments
Flexibility in Multimodal Design

“... provide more flexibility in Caltrans’ highway design standards and procedures, especially in the context of urban environments and multimodal design.”

Caltrans Memo on Design Flexibility in Multimodal Design

- Facilitate the design of complete streets
- Move from “design exceptions” to “design decisions”
Working with Caltrans

Early coordination:

- Contact Planning, Ped & Bike Coordinator, or Project Management staff
- At the concept stage
- Before permit application

Marin US 101/Gate 6 Rd Project early concept sketch
Questions?

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