North San Mateo Drive
Sustainable Street Improvement Project
(Peninsula Avenue to Baldwin Avenue)

Public Works Commission Meeting
March 9, 2016
Project Location

- Peninsula Avenue to Baldwin Avenue
- North-South bicycle corridor
- Connects Burlingame to downtown San Mateo
Basis of Design

Consistent with:

- Vision Zero
- Complete Streets
- Pedestrian Master Plan
- Bicycle Master Plan
- Sustainable Streets Master Plan
- County Bicycle Master Plan
Vision Zero

Statistics

- Pedestrian & bicyclist counts increased by 10% (over a 3-year period)

- 86 Traffic Collisions (2010-2014)
  - 58 body injuries
  - 44 involved pedestrians and bicyclists
  - 56% of all collisions occur in the intersection

- Pedestrian and bicycle safety improvements are needed along this corridor
Bicycle Master Plan Elements

Proposed 1.0 mile bicycle improvements

Class II Bicycle Lanes

Class III Shared Lanes
Pedestrian Master Plan Elements

Proposed pedestrian safety improvements

- Curb Extensions
- Pedestrian Countdown Signals
- High Visibility Crosswalks
- Pedestrian-Scale Lighting
Sustainable Streets Master Plan

Elements

Proposed green infrastructure

Stormwater treatment curb extensions
Complete Streets Elements

Creating streets for all users – Proposed roadway reconfiguration

- 4-lane configuration with 2 lanes in each direction
- 3-lane configuration with 1 lane in each direction with center two way left turn lane and bicycle lanes
Proposed Improvements

Peninsula Avenue to Poplar Avenue

Through this segment:

- Class II Bicycle Lanes
- Road Diet Implementation
- Curb Extensions, where shown
- Pedestrian Countdown Signals, at signalized intersections
- Pedestrian Scaled Lighting, at signalized intersections
Proposed Improvements

Poplar Avenue to Baldwin Avenue

Through this segment:

- Class III Shared Use Lanes
- Curb Extensions, where shown
- Pedestrian Countdown Signals, at signalized intersections
- Pedestrian Scaled Lighting, at signalized intersections
Data Collection

Traffic Study & Analysis

- Provides adequate capacity EXCEPT for the Bellevue intersection
- Identified the need for traffic improvement at Bellevue intersection

Traffic Simulation
Intersection Traffic Simulation Option 1

- New Configuration: One lane in each direction, with left turn pockets
- Maintain existing 4-way stop
- Create excessive south bound queue
Intersection Traffic Simulation Option 2

- New Configuration: One lane in each direction, with left turn pockets
- Replace stop sign configuration with traffic signals
- Maintain adequate traffic flow
Intersection Traffic Simulation Option 3

- **New Configuration:**
  One lane in each direction

- **Maintain existing configuration at intersection**
  (Two lanes in each direction)

- **Maintain existing 4-way stop**

- **Miss out Complete Streets components at the intersection**
Intersection Recommended Option

Option 1
- New Configuration: One lane in each direction, with left turn pockets
- Utilize existing 4-way stop

Option 2
- New Configuration: One lane in each direction, with left turn pockets
- New Traffic Signals

Option 3
- Restore to Existing Configuration: Two lanes in each direction, no left turn pockets
- Utilize existing 4-way stop

Recommended Option
# Project Funding

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<th>Total Cost</th>
<th>City Funds</th>
<th>TDA Article 3 Grant</th>
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Next Steps

Public Outreach
- Update City webpage to provide project status updates
- Mail notice to adjacent community in advance of construction

Design
- Incorporate feedback
- Anticipate completion Dec 2016

Construction
- Anticipate beginning Spring 2017
Questions and Comments

Public Works Commission to provide comment on proposed project improvements

Contact

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