

CITY OF SANTA ROSA
BICYCLE AND PEDESTRIAN ADVISORY BOARD
STAFF REPORT
February 15, 2018

SUBJECT

*E Street – Buffered Bicycle Lanes
Concept*

ISSUE

This provides a platform for board discussion on dimension options for buffered bicycle lanes

STAFF PRESENTER

Rob Sprinkle

RECOMMENDATION

The Board may, by motion, provide a recommendation for lane allocation widths of the buffered bicycle lanes.

BACKGROUND

On January 18, 2018, the Board approved the use of Transportation Development Act Article 3 funds to be programmed to install Class II bicycle lanes on E Street between College Avenue and Sonoma Avenue. During that discussion, the Board requested that the use of buffered bicycle lanes be considered for implementation.

ANALYSIS

Staff is looking at the preliminary concept design for buffered bike lanes on E Street between Sonoma Avenue and College Avenue.

E Street is a 64-foot wide street that typically provides 8-foot parking on both sides of the street, and has four 12-foot travel lanes (two in each direction). The concept of this restriping project is to have a 10-foot two-way left turn lane, with dedicated left turn lanes at each intersection and a single 11-foot travel lane in each direction.

With parking remaining on both sides of the street, this allows for 8 feet of width to divide up for a Class II bicycle lane and any buffered space in each direction.

The current vehicle volume on E Street along this segment is between a maximum of 9923 vehicles per day. This is well below our threshold of 20,000 vehicles per day for implementing a road diet scenario. The speed limit is 30 mph.

RECOMMENDATION

The Board may, by motion, provide a recommendation for lane allocation widths of the buffered bicycle lanes.

Attachments: Cross Section Options