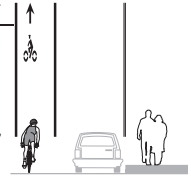


27th Street/Bay Place Bikeway Project



City of Oakland, Public Works Agency
Transportation Services Division
Bicycle/Pedestrian Facilities Program
(510) 238-3983 | bikeped@oaklandnet.com
www.oaklandpw.com/bicycling
May 2007



DESCRIPTION

The City of Oakland is proposing to install a bikeway on 27th Street and Bay Place, as recommended in the City's Bicycle Master Plan (BMP). Portions of the project will be installed in conjunction with the resurfacing of 27th Street (Broadway-San Pablo Avenue.) A grant application has been submitted to fund construction of the adjoining segments.

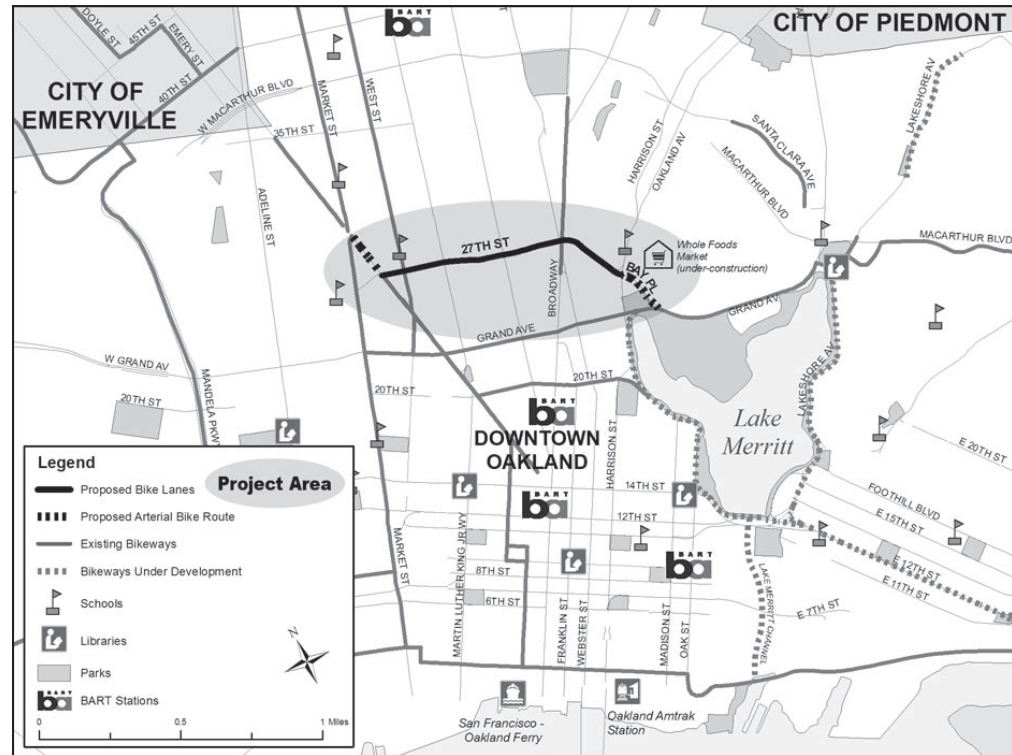
The BMP calls for the installation of bikeways throughout Oakland to encourage bicycling as a healthy, non-polluting and affordable transportation option, helping Oakland to realize its sustainability and livability goals. The proposal includes bike lanes on 27th Street (Harrison Street-San Pablo Avenue) and an arterial bike route on Bay Place (Harrison Street-Grand Avenue) and San Pablo Avenue (27th-Market Streets).

FEASIBILITY

The City's feasibility study has demonstrated that the project can be designed to have no significant impacts on motor vehicle traffic flow, either now or 20 years in the future. The study evaluated each block based on its particular traffic conditions.

In a few cases, current through/left lanes will be converted to exclusive left turn lanes to maintain adequate traffic flow. No left turn pockets will be removed.

The City is studying the potential removal of approximately 20 on-street parking spaces where the roadway width is not sufficient to maintain the needed travel lanes and add bike lanes. These locations are on 27th Street at the intersections of Broadway, Telegraph Avenue and Martin Luther King, Jr. Way. To determine the feasibility of parking removal, observations are made throughout the day and week to assess parking supply and demand. At least 12 observations are recorded for each location. If parking removal is not feasible, sharrows will be installed instead of bike lanes.



CONTEXT

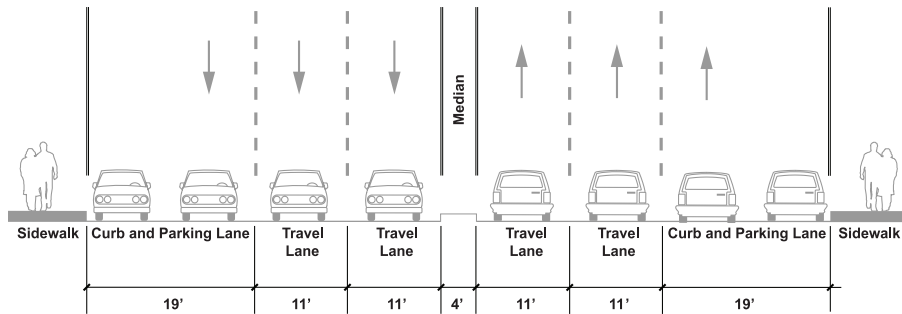
The 27th Street/Bay Place Bikeway Project would provide or improve access to major destinations including Lake Merritt, the Grand Avenue shopping district, to residential and commercial areas in west and north Oakland, and to the new Whole Foods Market at 27th and Harrison. Streets with existing connecting bike-ways include Grand Avenue (El Embarcadero-Market Street), MacArthur Blvd. (Lakeshore Avenue -Park Blvd.), Broadway (25th Street-W MacArthur Blvd.), West Street (Grand Avenue-W MacArthur Blvd.). Streets with connecting bikeways now under development include Market Street (3rd Street to W MacArthur Blvd.), and bike lanes and a bike path encircling Lake Merritt.

PROPOSED CROSS SECTIONS

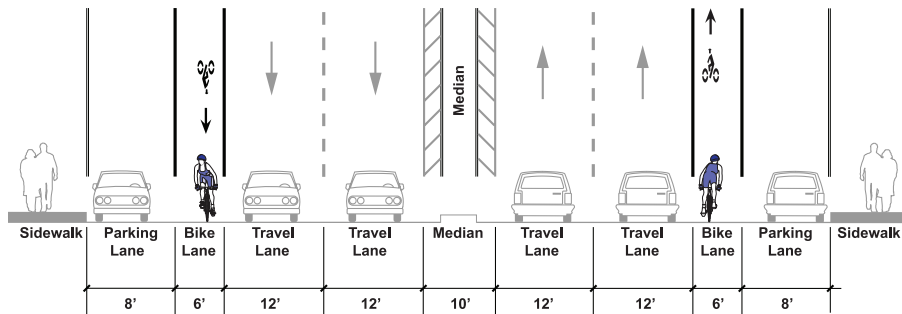
27th Street, San Pablo Avenue to Harrison Street

Along 27th Street, bike lanes would be striped adjacent to parallel parking stalls. One travel lane in each direction would be removed, and striping would be added adjoining the existing median to fill any excess space. Existing left turn pockets would remain. At the eastbound approach to Broadway and at both approaches to Martin Luther King Jr. Way, current through/left lanes will be converted to exclusive left turn lanes. Some curbside parking may be removed, if feasible, to accommodate left turn lanes and continuous bike lanes at the intersections of 27th Street with Broadway, Telegraph Ave, and Martin Luther King, Jr Way.

Existing Cross Section



Proposed Cross Section

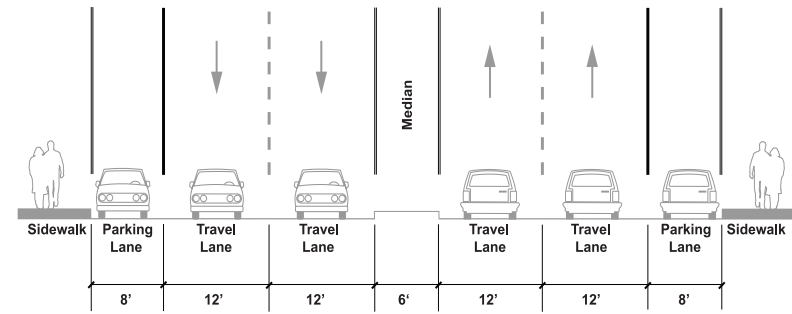


Bay Place, Harrison Street to Grand Avenue & San Pablo Avenue, 27th Street to Market Street

To improve the bicycle accommodation where bike lanes are not feasible, sharrows would be installed in the outer travel lane next to parallel parking stalls. Sharrows encourage cyclists to ride outside the “door zone”—the area where a suddenly opened car door can cause a bicyclist collision. Sharrows also alert motorists to expect bicyclists in the travel lane. For more information, see flyer “Shared Lane Markings (aka ‘Sharrows’) Answers to Frequently Asked Questions.”



Existing Cross Section



Proposed Cross Section

