

Memorandum

TO: TRANSPORTATION AND ENVIRONMENT COMMITTEE

FROM: Hans F. Larsen

SUBJECT: BIKE PLAN 2020 ANNUAL REPORT

DATE: 03-15-12

Approved

Date

3/23/12

COUNCIL DISTRICT: Citywide

RECOMMENDATION

Accept the report and presentation on implementation of *Bike Plan 2020*.

BACKGROUND

On November 17, 2009, City Council unanimously approved *Bike Plan 2020*, the City's ten-year plan for becoming a world-class bicycling city. *Bike Plan 2020* established a vision to become a city where bicycling is safe, convenient and commonplace. A key element of the 500-mile bikeway network was the identification of a primary bikeway network (130 miles) having an enhanced design standard of trails, separated facilities, and other special features providing safe and convenient travel for bicyclists of all ages. A secondary network of bikeways (370 miles) included more traditional bikeway facilities such as bike lanes. *Envision 2040* set a goal of 15% bicycle use by the year 2040. *Bike Plan 2020* established a goal of 5% bicycle use by 2020.

ANALYSIS

This memo represents the annual *Bike Plan 2020* progress report to the Transportation and Environment Committee. This annual update also includes current achievements to date and the status of projects and programs underway. In addition, it includes the proposed three year bicycle workplan (Attachment 1) including all bicycle planning projects, implementation projects, and special projects.

Key Accomplishments

- Five Bike Lane Projects (6.3 miles) - The following five on-street bikeway projects were completed, expanding the total bikeway network to 260 miles: Orchard Parkway (First to Charcot); Camden Avenue (Coleman to Meridian); Empire Street (First to 22nd); Ringwood

Avenue (Trade Zone to McKay); and Virginia Street Sharrows (Los Gatos Creek Trail at Gregory to Guadalupe River Trail at Hwy 87).

- Public Bike Parking Spaces – More than 300 public bike spaces were installed in the public right of way at various locations throughout the City. These generally consist of standard two-bike inverted-U style bike racks. Artistic multi-bike racks will be installed as on-street bike corrals as part of the San Fernando and San Carlos Streetscape Improvement projects.
- Grant Funding – During FY11-12, DOT staff obtained more than \$2 million in grants including funding for the “Walk and Roll San Jose” school safety program as well as construction of on-street bikeways.
- Special Events – The City sponsored free Valet Bike Parking at the Summer Concert Series at Plaza de Cesar Chavez, parking more than 2600 bikes over thirteen concerts. The City of San José also hosted an Energizer Station (rest stop) on Bike to Work Day. In preparation for Bike to Work Day, City staff offered “Get Back on Your Bike” classes free to the public.
- San Antonio Buffered Bike Lane – San Jose installed its first buffered bike lane project on East San Antonio Street.



San Antonio Buffered Bike Lanes



Examples of Green Bike Lanes (San Francisco)

- San Fernando Enhanced Green Bike Lanes – Staff completed design, outreach, and funding for the San Fernando Street project, which will include enhanced Green Bike Lanes and on-street bike parking corrals. Construction is scheduled for Fall 2012.

- Downtown Public Bike Share – DOT staff conducted field evaluation, analysis, and coordination with VTA to launch a downtown public bike share system in fall 2012, as part of a five-city regional pilot. Cities participating in this regional project include San Jose, Mountain View, Palo Alto, Redwood City and San Francisco. San Jose will host approximately fifteen automated bike stations in the downtown area, with 150-200 bikes available for public use. Proposed bike share station locations include: Diridon Station, San Jose State University, San Pedro Square, SOFA District, Convention Center, Chavez Plaza, and City Hall.

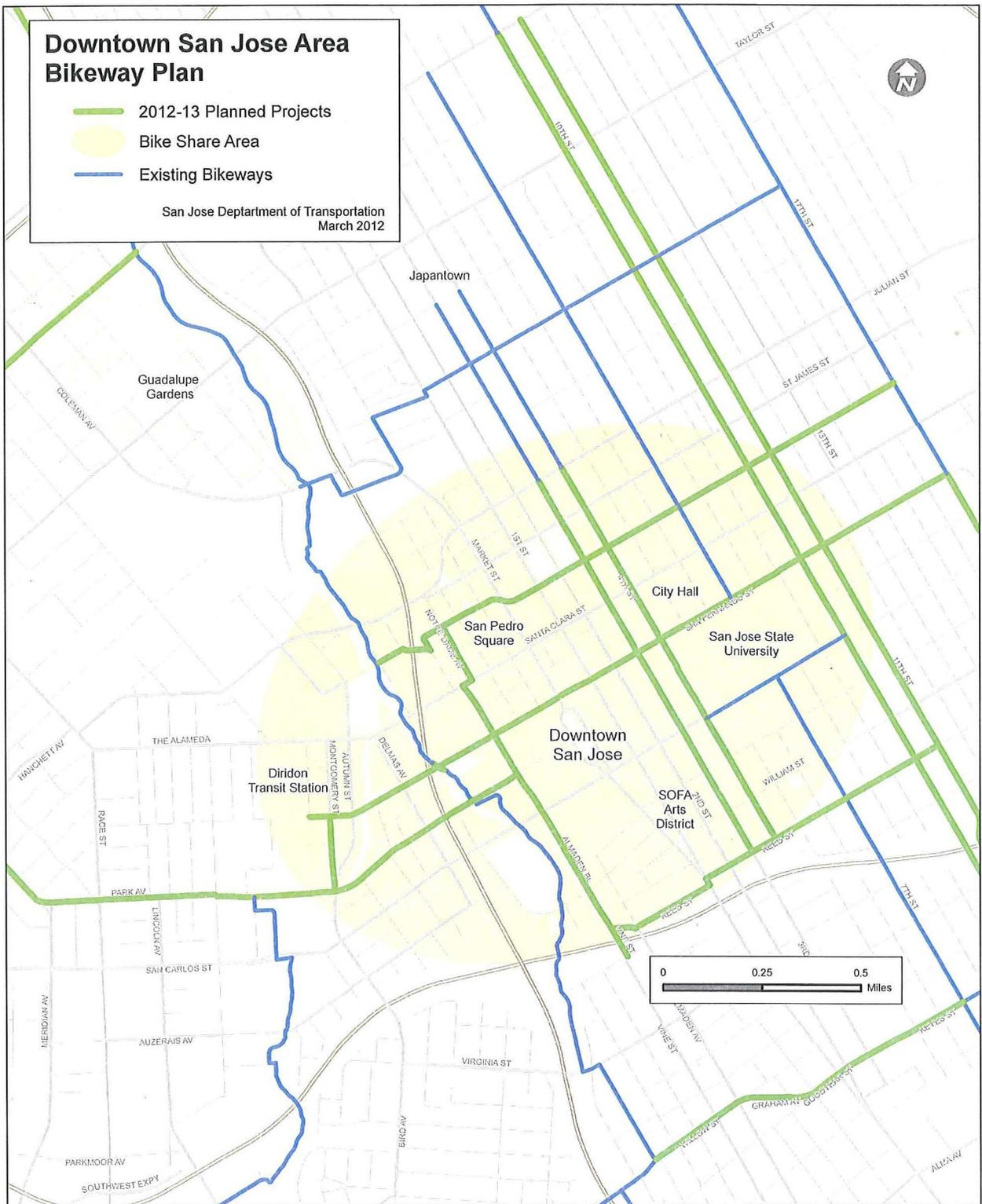


Example of Bike Share System (Washington, DC)

Downtown “Road Diets” and Bike Lanes

Due to the density of jobs and housing in Downtown San Jose, the availability of several shopping and public transit options, and the proximity of a large university, the downtown area provides an ideal environment for bicycling. Many daily trips occur within a mile radius of the downtown core or by taking downtown transit. Bicycling provides a good option for these downtown trips, thus reducing traffic congestion and parking demand.

With the start of the Downtown Bike Share system in Fall 2012, DOT has pursued grants and developed projects to provide a comprehensive bikeway network in the Downtown area. Pending Council approval this spring, five downtown bikeway projects will be completed in the area this summer. Each will connect with existing bikeways and major activity centers in the downtown area. The projects include removing travel lanes (“road diets”) and adding bike lanes on Almaden Boulevard, Third Street, Fourth Street, Tenth Street and Eleventh Street.



Bikeway & Trails Coordination

The Department of Transportation (DOT) will have completed six bikeway projects by the end of this fiscal year. In addition, DOT is actively implementing approximately ten funded projects for completion in the next two years. See Attachment 1 for details.

DOT continues to coordinate regularly with the Trail Program in Parks, Recreation, and Neighborhood Services (PRNS) to ensure planning trail and bikeway planning is coordinated and facilities are connected. This year, PRNS will begin construction on paving 6.4 miles of trail improvements on the Lower Guadalupe River Trail and 0.6 miles on the Hwy 237 Path.

Education, Encouragement and Enforcement

The City was successful in receiving \$1,510,762 in grant funding for the "Walk and Roll San Jose" program as part of MTC's Climate Initiative grants. The Walk and Roll program will develop and implement a three-year mode-shift program to encourage walking and biking at 35 selected elementary schools and install appropriate low-cost traffic safety enhancements. The City's adult bike education program continues with free seminars, such as the successful "Get Back on Your Bike" lunch-hour session to be offered for a third year this spring in preparation for Bike to Work Day May 10, 2012.

The City continues to offer public events that encourage bicycling. These include the Amgen Tour of California professional bike race, the King of the Mountain bike ride (sponsored by the Silicon Valley Leadership Group), and Bike to Work Week activities. The San José community also hosts informal community-based bike rides including San José Bike Party, which attracts 3,000 riders for its monthly rides. On March 11, 2012, San José Bike Party hosted a ride for Dublin, Ireland's Lord Mayor Andrew Montague, during his recent visit to San Jose.



San José Bike Party ride with Dublin Ireland's Lord Mayor. From left to right, Hans Larsen (DOT Director), Carlos Babcock (Bike Party leader), Lord Mayor Andrew Montague, Rose Herrera (Councilmember)

The greater San José area is also home to a variety of bicycling organizations such as Silicon Valley Bicycle Coalition, Almaden Cycle Touring Club and San Jose Bike Club. Finally a growing number of informal rides and organizations take place in San José such as San Jose Bike Party, San Jose Bike Clinic, Bike Soirée and San Jose Fixed.

Best Practices and Benchmarking

DOT continues to update its internal design guidelines to incorporate progressive bikeway treatments and best practices of the best bicycling cities in the country and world. This past year staff updated the City's geometric design guidelines to include Bike Boulevard design elements. In addition, the City has received a \$150,000 VTA grant to update all its geometric design standards including bike facilities to include more progressive design features. DOT has also received a \$1.5M Climate Initiative's grant to test and implement innovative bike-friendly signal detection technologies on bikeways in San José. The technologies recommended and implemented by San José will serve as models for other cities in the region. This project is scheduled for implementation in 2012 and 2013. Finally, DOT recently submitted an application to the Bike Belong Foundation to be one of six cities selected for the Green Lane Project, which provides guidance from national and international leaders on the use of innovative bikeway designs.

COORDINATION

This report has been coordinated with the City Attorney's Office and the Department of Parks, Recreation and Neighborhood Services.

/s/

HANS F. LARSEN
Director of Transportation

For questions please contact John Brazil, Bicycle & Pedestrian Program Manager, at 408-975-3206.

Attachment

San José Bike Plan 2020, Three-Year Work Plan

Funded Projects

Location	Council District	Completion
<i>Primary Bikeways (Enhanced Design)</i>		
Blossom Hill Bike/Ped Overcrossing at Monterey Hwy	2	Spring 2012
Hwy 237 Bike Path: Zanker Rd. to Coyote Creek Trail	4	Spring 2012
River Oaks Buffered Bike Lane: Guadalupe to Coyote Creek Trail	4	Summer 2012
Capitol Expwy Bike Lanes Phase 1A: Capital Ave to Tully Rd	5,8	Summer 2012
San Fernando Colored Bike Lanes: Cahill St to 10 th St	3	Fall 2012
Capitol Expwy Bike Lanes Phase 1B: Capital Ave to Quimby Rd	5,8	Spring 2013
Guadalupe River Trail: Gold Street to Hwy 880	3,4	Spring 2013
West Cambrian Bike Blvd: Los Gatos Creek Trail to Camden	9	Summer 2013
San Fernando Bike Blvd: 10 th St to Coyote Creek	3	Summer 2013
San Antonio Bike Blvd: Coyote Creek to King Rd	3,5	Summer 2013
Park Ave: Newhall St. to Autumn St.	6	Summer 2013
<i>Secondary Bikeways (Standard Design, Bike Lanes/Routes)</i>		
Almaden Blvd: St. John St to Grant St	3	Summer 2012
Third St: Julian St to Reed St.	3	Summer 2012
Fourth St: Julian St to Reed St	3	Summer 2012
Tenth St: Hedding St to Keyes St	3	Summer 2012
Eleventh St: Hedding St to Keyes St	3	Summer 2012
Technology Drive: Airport Pkwy to Skyport Dr	3	Summer 2013
Metro Dr: Technology Dr to Skyport Dr	3	Summer 2013
Chynoweth Ave: Pearl Av to Barron Park Dr	9,10	Summer 2013
Woz Wy/Reed St: Auzerais Av to Coyote Creek Trail	3	Summer 2013
St. John Street: Almaden Blvd to Market St	3	Fall 2013
<i>Special Projects</i>		
Downtown Special Event Valet Bike Parking	3	Summer 2012
Public Bike Share (various downtown locations)	3	Fall 2012
Innovative Bike Signal Detection (various locations Citywide)	Citywide	2013

Planning Projects (Unfunded)

Project	Council District	Completion
St. John St Bikeway: Guadalupe River Trail to Coyote Creek Trail	3	TBD
Branham Primary Bikeway: Guadalupe River to Monterey Hwy	2,9,10	TBD
Monroe St Bikeway: Newhall St to Williams/17 POC	1,6	TBD
Hwy 237 Path: Gold Street Connector	4	TBD
Charcot Primary Bikeway: Orchard Pkwy to Hwy 880	4	TBD
Hedding St.: Park Ave to Guadalupe River Trail	3	TBD
Los Gatos Creek Trail, Reach 5	6	TBD
Hwy 87 Bike Path Gap Closures	3,6,7,10	TBD
Bollinger-Williams: De Anza Blvd to Daniel Way	1,6	TBD