

John J. Ciccarelli

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KEY QUALIFICATIONS

- *Recognized leader in safety, planning, education, and technical-standards areas*
- *Experienced planner and designer familiar with layout of streets, paths, intersections and interchanges for bicycle and pedestrian accommodation and safety*
- *Excellent oral, written, and online communication skills including workshop facilitation and seminar leadership. Talented at explaining technical concepts concisely, simply, and understandably to all audiences, in small- and large-group settings*
- *Experience creating campus, corridor, city, county, regional, and special-facility bicycle plans*

EXPERIENCE

LAND DEVELOPMENT SUPPORT

College Terrace Centre, 2008. Reviewed plan and architectural model for proposed mixed-use redevelopment of small city block in Palo Alto, CA, including Class 1 office space, neighborhood grocery store, underground parking, possible mini-park. Advised on program changes, presentation, and local business association outreach strategy.

(Proposed project in San Mateo County, CA), 2008. Advised prospective developer on size, function, pedestrian / bicycle / vehicular benefits and other implications of converting large signalized intersection to 2-lane Modern Roundabout.

Jefferson Commons (Fullerton, CA), 2007. Client: JPI Multifamily Investments. Produced illustrated bicycle circulation, parking and high-density storage plan for proposed large proposed mixed-use student residence two blocks from CSU Fullerton campus. With development team, met with stakeholders and advised on City Council presentation. Project received unanimous Council approval.

Treasure Island / Yerba Buena Island redevelopment (San Francisco, CA), 2005-present. Reviewed proposed street typologies, street and path network, and transit hub design for "green" redevelopment of island in San Francisco Bay. Wrote bicycle section of Treasure Island Transportation Plan submitted to City by client. Program includes bicycle storage at residences and transit hub, bicycle and pedestrian linkage around Yerba Buena Island to Bay Bridge bicycle paths, car-sharing, incentives to reduce single-occupant vehicle trips.

CORRIDOR AND INTERSECTION STUDIES, DESIGNS, AND STANDARDS

Iron Horse Trail Feasibility Study (Livermore, CA), 2007-present. Alignment alternatives for trail along six-mile rail corridor including access to two train stations. Field work, outreach, concepts for intersections, mid-block crossings, over/undercrossings, spur trails.

Union Pacific Railroad Corridor Trail Feasibility Study (Fremont, CA), 2006-07. Alignment alternatives and concept plans for intersections along nine-mile rail & future BART corridor. Field work, neighborhood outreach, detailed intersection and spur trail concepts.

Coyote Creek Trail Reach 5&6 Infrastructure Evaluation (San Jose, CA), 2004-05. Study of improvements for 1.2-mile segment to meet County standards. Wrote illustrated report.

MacArthur Boulevard Bikeway Study, Park Boulevard to Lincoln Avenue (Oakland, CA), 2005-06. Analyzed feasibility of adding bicycle lanes to two-mile segment, with shared-roadway alternative in westbound direction. Included design of one-block path connector.

Market Street Bike Lanes Signing & Striping Plan (Oakland, CA), 2005-06. Designed bicycle lane striping and bicycle route signage for two-mile multi-lane segment.

40th Street Bikeway Feasibility Study (Oakland, CA), 2005. Analyzed traffic, parking, transit on 1.3-mile segment of multi-lane street for adding bicycle lanes.

Foothill Boulevard Design Charrette (Claremont, CA), 2004. Member of consultant team that conducted a multi-day workshop for conceptual redesign of a one-mile segment of a four-lane arterial street and its commercial frontage. Conducted walking audits with residents and officials. Produced dimensioned concept sketches for lane reduction, curb extensions, enhanced crosswalks, and improved pedestrian routes through commercial parking lots.

College Terrace Neighborhood Traffic Calming (Palo Alto, CA), 2004 (Neighborhood volunteer). Coordinated three license plate surveys at 20 locations with 60 volunteers. Identified issues with consultant.

Expressway Bicycle Accommodation Guidelines (Santa Clara County, CA), 2002-03. With staff, created standards document for bicycle accommodation (striping, signage).

Almond Avenue Safe Routes To School (Los Altos, CA), 2002-03. Traffic calming and walkability plan for one-mile collector with elementary and high school including roundabouts and modified-T intersections. Four public meetings, outreach.

El Camino Real Context Sensitive Design Study (Palo Alto, CA), 2002-03 (Advisory Group member). Advised on ways to improve bicycling and walking along and across four-mile segment of six-lane, 45K ADT commercial arterial.

City of Sunnyvale, CA 2000-01. Study for roundabout at collector/local street intersection. Designed neighborhood traffic circle, recommended additional calming options 1/3-mile street.

BICYCLE PLANS AND STUDIES

Sunnyvale (CA) Bicycle Plan Update, 2005-06. Comprehensive update of city plan, policies. Addition of neighborhood signed routes and traffic-calmed bicycle routes.

San Jose (CA) Airport Bicycle-Pedestrian Master Plan, 2004-05. Technical lead on plan for three build-out phases. Field inventory, coordination with adjacent trail and interchange projects. Worked with Airport Master Plan teams, created maps, presentation, report.

Bicycle Transportation Strategic Plan (Los Angeles County Metro), 2004-05. Study of 170 transit hubs for future bicycle route improvements. Created analysis and ranking matrix. Audits on bike of half-mile areas around 12 sites. Visited local agencies, presented findings.

City of Menlo Park (CA) Bicycle Plan, 2004. Field surveys, conceptual design for bicycle lanes on multilane arterial including freeway interchange.

MTC San Francisco Bay Area Regional Bicycle Master Plan, 2001. Responsible for Santa Clara County and San Mateo County data and routes, plus Education.

Alameda County (CA) Countywide Bicycle Plan, 2000. Responsible for field work and improvements list for South County and Tri-Valley, also Education chapter.

Houston/Galveston Bicycle/Pedestrian Special Districts Study, 2003-04. Analyzed issues and opportunities in high-scoring districts within eight-county area. Public workshops.

High School Student Bicycle Route Study, Palo Alto (CA) Unified School District, 2001. Studied student bicycle routes from two miles away. Met parents, produced illustrated report.

City of Palo Alto (CA) Bicycle Plan, 1999 – 2000. Field work and proposed improvements for one-third of city. Bicycle parking inventory, education chapter.

Richmond – San Rafael Bridge / I-580 Bicycle/ Pedestrian Study, 2003-04. Analysis of feeder routes, interchanges, conceptual design of bikeway on 4.3 mile bridge across SF Bay.

Union Pacific Railroad Rail-With-Trail Feasibility Study, 2001. Designed, conducted and summarized survey of potential trail users. Presented results.

TRAFFIC SAFETY REVIEWS / EXPERT WITNESS / ON-CALL PLANNING AND DESIGN

Tri-Met (Portland, OR) , 2006-2007. Expert Witness work. Performed field measurements, photography, collision reconstruction and analysis for successful defense of transit agency in case involving a bicyclist fatality at a light rail station. Report included detailed analysis of train data recorder log, and was used by consulting firm's lead rail expert in 4-hour testimony.

UC Berkeley ITS Traffic Safety Evaluation Program, 1999-2005. Program offers free two-day on-site reviews to CA cities, by an engineering evaluator and a traffic law enforcement expert. Evaluated 50 cities, including analysis of 4 years of SWITRS collision data. For each city, co-authored illustrated report with engineering, policy, procedural recommendations.

Santa Clara County (CA), 1999-2005. Plan reviews and on-bicycle field reviews of pavement, striping, signing of expressways for bicycle suitability. Produced illustrated reports.

City of Menlo Park, CA, 2001 – 2003. On-call bicycle planning/engineering (striping, detection, school routes, plan checks). Bicycle lane plans for two streets. Advised on restriping and redesign of two US-101 freeway interchanges.

Palo Alto (CA) Unified School District, 2001-03

- Reviewed bicycle access/parking for middle school.
- Redesigned bicycle access to middle school from adjacent path across parking lot to improve safety and motorist awareness.
- Studied drop-off, parking, bicycle/pedestrian access to high school. Suggested parking and circulation changes.
- Redesigned high school parking lot to reduce car/bicycle conflicts and create a bicycling/walking route into campus from major citywide trail.

NASA Jet Propulsion Laboratories, Pasadena, CA, 2002. Three-day on-site review for Occupational Safety Office, stemming from a bicycle commuter fatality involving a deer. Produced 50-page illustrated report with recommendations for vehicles including low-speed and two-wheel types, bicycles, pedestrians.

SCHOOL PEDESTRIAN SAFETY (* = THROUGH UC BERKELEY ITS TECH TRANSFER)

***City of Gonzales, CA, 2005.** Recommended crosswalk improvements at elementary school.

***County of Tulare, CA, 2005.** Recommended pedestrian safety and pickup/drop-off improvements at two schools, including lane reconfiguration at elementary school.

***City of Covina, CA, 2002.** Recommended pedestrian safety and pickup/drop-off improvements at two schools, including new turnaround at middle school.

***City of Orinda, CA, 2002.** Recommended improvements for pedestrian safety and traffic calming near Sleepy Hollow Elementary. Suggested changes to pickup/drop-off area, bus routes, and walkways. Presented at neighborhood meeting.

***City of Benicia, CA, 2002.** Recommended improvements for pedestrian safety and traffic calming at elementary school and middle school.

***City of Sonoma, CA, 2001.** Recommended pedestrian safety and traffic calming improvements at high school. Photo visualization of street and parking changes.

***Town of Los Gatos, CA, 2000.** Recommended pedestrian safety and pickup/drop-off improvements at elementary school in neighboring Monte Sereno.

City of Salinas, CA / Monterey CO Dept of Health, 1998. Counted and mapped walkers to large elementary school (Alisal Elementary). Met students, public health staff, parents, principal, police, traffic engineer, commissioners, and bus driver. Recommended street and sidewalk features, bus routing, safety promotions.

SEMINAR DEVELOPMENT AND LEADERSHIP

Boston Bikes Summit, October 2007. One of three invited national experts leading three-day series of workshops, stakeholder meetings, and field trips as the City of Boston set the course for bicycle policy, planning, design, and facility improvements. Facilitated meetings, assisted with presentations.

Sharing The Streets: Cars, Trucks and Bicycles (UC Berkeley Tech Transfer class TS-06), 2004-05. Developed 1-day workshop for engineers and planners covering on-street bicycle accommodation. Presented 3 times.

Caltrans Non-Motorized Travel Training Program, 2003-04. Co-created 8-module PowerPoint slideshow and instructor notes for 1-day workshop on bicycle accommodation on roadways and interchanges, for statewide training of state DOT's engineers and planners.

Design for Safe Bicycle Accommodation, Los Angeles County Metro, 2002. Created all-day workshop covering options for creating bicycle travel width on streets, plus ways to safely connect trails to streets and intersections. Presented to 75 planners and engineers. On second day, conducted one-hour plan reviews of selected city projects with staff from throughout the county.

League of American Bicyclists "Bike Ed" Program, League Certified Instructor (LCI) #453, 1996- present. U.S. national bicycle driver-ed program with 20-hour instructor qualification.

BICYCLE PROGRAM MANAGEMENT

Stanford University (Bicycle Program Manager), 1995-1998. As Stanford's first Bicycle Program Manager, reviewed plans for streets, paths, transit malls, parking and buildings during a three-year period of major changes to campus streetscape and circulation. Created and implemented \$600K Bicycle Facilities Plan. Created departmental bicycle fleet program.

ADVISORY COMMITTEE EXPERIENCE

(BAC/BPAC = Bicycle/[Pedestrian] Advisory Committee)

El Camino Real Context Sensitive Design Study (Palo Alto, CA), 2002-03 (Advisory Group member). Advised on ways to improve bicycling and walking along and across four-mile segment of six-lane, 45K ADT commercial arterial.

Caltrans (CA DOT) Nonmotorized Travel Team, 2003. Invited contributor at Caltrans headquarters internal working group discussing changes to design standards, including bicycle and pedestrian accommodation through interchanges.

Statewide Safety Study of Bicycles and Pedestrians on Freeways, Expressways, Toll Bridges, and Tunnels (Mineta Transportation Institute report #01-01, 2001. Principal Investigators: Thomas Ferrara, A. Reid Gibby). Member of Study Advisory Committee on synthesis study of bicycle- and pedestrian-involved collisions on freeway and expressway segments and interchange elements throughout California, in the context of possible future accommodation on the I-580 Richmond-San Rafael Bridge.

San Francisco - Oakland Bay Bridge BPAC, Member, 1997-99. With Caltrans and consultants, developed functional requirements for future multi-use paths on 4.5-mile bridge across San Francisco Bay.

Santa Clara County (CA) BAC, Charter member / Chair 1992-98. Served on working group for 1996 "Measure A+B" initiative (9-yr 1/2-cent sales tax, \$1.1 Billion for roads, transit, bikes).

Caltrain BAC, Santa Clara County Alternate, 1991-94. Advised on startup of Bikes On Board program, design of on-board racks, signs, and "bicycle destination tags". Trains now carry up to 64 bikes; highest bicycle boardings in North America.

EDUCATION

Selected professional development courses

Trail Design, Portland State University / IPBI, one day, October 2007

Designing Sidewalks for (ADA) Access, FHWA, 2002

Traffic Calming, UC Berkeley Extension, 2000

Fundamentals of Traffic Engineering, UC Berkeley Extension, five days, 1999

Roadway Safety Analysis, UC Berkeley Extension, 1999

The Technique of Town Planning, Andres Duany, 3 days plus 4-day / 5-project tour, 1998

Modern Roundabouts, Capacity analysis, geometrics, simulation, 1997

University of Maryland, College Park, BS, Electrical Engineering, cum laude, Dec 1977

PROFESSIONAL AFFILIATIONS

National Committee on Uniform Traffic Control Devices, Bicycle Technical Committee (NCUTCD-BTC)
Institute of Transportation Engineers (ITE), Associate Member
Association of Bicycle and Pedestrian Professionals (APBP)
League of American Bicyclists (LAB). Life member, League Cycling Instructor #453-CK
California Bicycle Coalition (CBC). Member – Board of Directors

PUBLICATIONS

Bicycle Boulevards case study, UNC Highway Safety Research Center, 2003
Major contributor to APBP [Bicycle Parking Guidelines](#) (for planners and developers), 2002.
“Bicycle Boulevards”, in [ITS Tech Transfer](#) newsletter, UC Berkeley Institute for Transportation Studies, Fall 1999.
“Caltrain ‘Bikes On Board’ Program”, article in [Improving Conditions for Bicycling and Walking: A Best Practices Report](#), by Rails-To-Trails Conservancy and APBP for Federal Highway Administration, 1998.