



## BICYCLE PLANNING

### INTEGRATING BICYCLES INTO COMMUNITIES

Ryan Snyder has established himself as a leading planner for bicycle transportation. He was prepared bicycle master plans for over 70 cities and counties. He has published papers on bicycle planning in the *Earthword* journal, and in *Sustainable Cities*, a compilation of papers on environmentally sensitive planning. Ryan Snyder has managed the following projects.

#### City of Pasadena Bicycle Master Plan (in progress)

Client: City of Pasadena

RSA is the prime consultant in preparing a comprehensive bicycle plan for the City of Pasadena. Pasadena is already one of the most bicycle-friendly cities in southern California and wants to push the envelope to become one of the most bicycle-friendly communities in the US. RSA was brought on as the most appropriate firm to plan bikeways that go beyond the typical bike lanes and bike paths. RSA's street planning approach is investigating a variety of changes to streets and intersections to calm traffic and create a more bikeable community.



#### Los Angeles Regional Four-County Internet Bicycle Route Project

Client: South Coast Air Quality Management District

Ryan Snyder managed the bicycle planning portions of establishing a new website for on-line bicycle routing and information for the four-county Los Angeles region, as a sub-consultant to Alta Planning. Snyder gathered information on all existing bikeways, parking, bicycle shops, clubs, laws and safety information. [www.bikemetro.com](http://www.bikemetro.com) was the first of its kind in the US and set the standard for such projects. GeoPerception is the web specialist firm that primed the project.



## BICYCLE PLANNING

### LOCAL AND REGIONAL PLANS



#### Orange County Commuter Bikeways Strategic Plan

Client: Orange County Transportation Authority

RSA prepared a master plan of bikeways for Orange County. A survey was conducted of all possible regional bicycle routes, both Class I and Class II and an entire network was recommended. The plan also included measures for making Orange County more bicycle-friendly, such as proposals for parking, worksite amenities, park-and-ride amenities, links to transit, education programs and local plan coordination. The Orange County Transportation Authority uses the plan as a guideline for funding projects as cities apply for funds.

#### San Diego County Bicycle Master Plan

Client: County of San Diego

Managed preparation of a Bicycle Master Plan for the County of San Diego as an associate of Alta Planning + Design. The plan includes a countywide network of bicycle routes, provisions for bicycle parking and links to transit, as well as a safety education program. An important component of this plan was implementation of bikeways along with new development in rural areas. The Plan satisfies Caltrans requirements for Bicycle Transportation Account funds.

#### City of San Diego Bicycle Master Plan

Client: City of San Diego

Managed preparation of a Bicycle Master Plan for San Diego as an associate of Alta Planning + Design. The plan includes a citywide network of bikeways, bicycle parking, links to transit, as well as a methodology for conducting bicycle counts. The Plan satisfies Caltrans requirements for Bicycle Transportation Account funds.



## BICYCLE PLANNING

### City of San Diego Bicycle Master Plan

Client: City of San Diego

Managed preparation of a Bicycle Master Plan for San Diego as an associate of Alta Planning + Design. The plan includes a citywide network of bikeways, bicycle parking, links to transit, as well as a methodology for conducting bicycle counts. The Plan satisfies Caltrans requirements for Bicycle Transportation Account funds.

### Coachella Valley Bicycle, Pedestrian and Trail Plan

Client: Coachella Valley Association of Governments

RSA is managing preparation of a Bikeway and Trails Plan for the Coachella Valley. The plan includes Bicycle Master Plans for all 10 cities in the region. Each of the plans meets Caltrans requirements for Bicycle Transportation Account funds. Last, the plan included a network of multi-purpose trails that link with trails in the San Rosa Mountains, Joshua Tree National Park and points on the eastern and western ends of the Valley. This updates a plan managed by RSA earlier.

### County of San Bernardino Bicycle Plan

Client: San Bernardino Area Governments

RSA worked with Stevens/Garland/Norman Associates, Inc. to prepare a bicycle plan for the San Bernardino Area Governments (SANBAG). The product was a regional route plan that will link the cities in the county. It presented planning guidelines for cities to prepare local bicycle plans. The plan also described bicycle parking devices and where each kind should be used. It identified funding sources and provides information useful to cities applying for bicycle funds.

### City of Calabasas Bicycle Master Plan

Client: City of Calabasas

RSA worked with DKS to prepare a Master Plan to improve bicycling conditions. The plan included a network of bicycle routes, bicycle parking, park-and-ride provisions, a bicycle coordinator and ongoing programs.

## BIKEWAY DESIGN





## BICYCLE PLANNING

### Bikeway Funding Application

Client: City of Calabasas

RSA prepared an application for Bicycle Lane Account funds for a selected bikeway in Calabasas.

### Anaheim Bicycle Master Plan

Client: City of Anaheim

Managed preparation of a Bicycle Master Plan for Anaheim as an associate of Alta Planning + Design. The plan includes a citywide network of bicycle routes, provisions for bicycle parking and links to transit, as well as a safety education program. This plan integrates local needs with the need to access the Disneyland amusement park, the Anaheim Stadium and the Anaheim Pond. The Plan satisfies Caltrans requirements for Bicycle Transportation Account funds.

### Santa Monica Master Bicycle Plan

Client: City of Santa Monica

RSA prepared a Master Bicycle Plan for the City of Santa Monica. The plan contained a network of bike routes, recommendations for public parking, a draft ordinance for bicycle parking at new work sites, and outlined an education and public awareness campaign. The bike route network plan described in detail how streets would be modified to accommodate the bike routes. The bike routes were assigned numbers and will have destination signs. The plan also contained a host of miscellaneous recommendations to make Santa Monica more bicycle-friendly, including modifying traffic signals, paving railroad crossings, setting a new standard for road width and traffic lane widths and production of city bicycle map.

At the time, no city in the United States had ever prepared such a comprehensive bicycle plan. It has helped bring Santa Monica into the ranks of one of America's finest cities to bicycle in. The plan is a cornerstone in the City's efforts to deal with traffic and environmental issues. Parts of the plan have been implemented.

## BICYCLE MASTER PLANS





transportation planning for livable communities

## BICYCLE PLANNING

### BIKE ROUTE NETWORK PLANNING

#### Corona Bicycle Master Plan

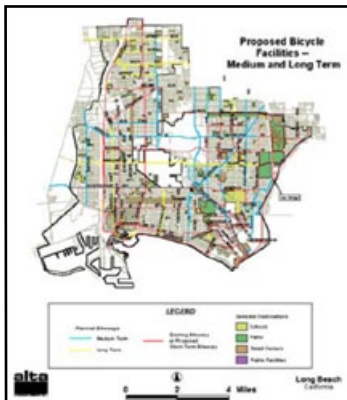
Client: City of Corona

Managed preparation of a Bicycle Master Plan for Anaheim as an associate of Alta Planning + Design. The plan includes a citywide network of bike paths, bike lanes, signed bicycle routes, provisions for bicycle parking and links to transit. It contains a chapter on funding sources, on with an implementation plan and a chapter with design guidance. The Plan links Sixth Street with a bike route to the Metrolink Station. The Plan satisfies Caltrans requirements for Bicycle Transportation Account funds.

#### City of Santa Clarita Bicycle Plan

Client: City of Santa Clarita

RSA produced a draft bicycle plan for the City of Santa Clarita. The product was a route plan with a comprehensive network of Class II, and Class III bikeways linking up Class I bike paths. The goal of the plan was to make bicycling reasonably safe and convenient anywhere in the city, with an emphasis on helping cyclists to key destinations such as schools, shopping centers, recreation areas and a transit station. The plan also outlined other strategies the City can take to make a more bicycle-friendly environment such as public parking, education programs, maintenance and amenities requirements.



#### Bicycle Planning Seminar

Clients: 50 Public Agencies, Consultants, Advocates

RSA assembled and taught one of the first ever seminars on bicycle planning called "The Basics of Bicycle Planning." The course was designed to provide continuing education for professionals and advocates involved in bicycle planning. The one-day course covered bikeway planning, parking, links to transit, miscellaneous improvements, bicycle coordinators, bicycle advisory committees, safety education, promotion, worksite programs and funding sources.



**TEACHING  
PLANNING CONCEPTS  
AND TECHNIQUES**



**BICYCLE PLANNING**

**Bicycle Commuter Education Project**

RSA worked on a team with Laufer Associates and Cine Group to produce a video and brochures for bicycle commute programs at the worksite. The video included information to help commuters understand the logistics of bicycle commuting, as well as safety information. One brochure included similar information for commuters to take. Another brochure presents information to assist employers to understand what a successful worksite bicycle commute program offers. The Bicycle Commuter Education Project was prepared with an AB2766 grant. It is the most comprehensive package of bicycle commute information available in the United States. The project won two awards from the Los Angeles Publicity Club.

**Bicycle Commuting Seminars**

Client: The South Coast Air Quality Management District

Ryan Snyder prepared and taught numerous seminars instructing employee transportation coordinators (ETCs) how to prepare bicycle-commuting programs. The seminars were conducted at annual update training for ETCs. The training prepared ETC's to purchase secure bicycle parking and how to locate it. It also taught them about tax deductions for installing showers and clothing lockers, as well as how to encourage bicycle commuting through financial subsidies, safety training and marketing.

**Legal Case Expert Witness**

Client: Griffith & Thornburgh

Ryan Snyder was called in as an expert witness in a case in Santa Barbara County where a bicyclist was struck and seriously injured at a road construction site. Snyder was deposed and testified as to how the construction site should have been designed and operated to safely accommodate bicyclists.



## **BICYCLE PLANNING**

### **Additional Bicycle Planning Projects**



Orange County Master Bicycle Plan Update  
San Bernardino County Non-Motorized Plan Update  
Tulare County Bicycle Master Plan  
City of Long Beach Bicycle Master Plan  
City of West Hollywood Bicycle Master Plan  
City of Burbank Bicycle Master Plan  
City of Dana Point Bicycle and Pedestrian Trails Master Plan  
City of Yorba Linda Trails Plan  
City of Pasadena Bicycle Master Plan  
City of San Fernando Bicycle Master Plan  
City of Pasadena Texas Trails Plan

### **INTEGRATING BICYCLES AND TRANSIT**



### **Miscellaneous Bicycle Planning Activities**

Mr. Snyder has been involved in the following additional bicycle planning activities:

- Drafted an ordinance requiring bicycle parking, showers, and lockers at new work sites for the City of Los Angeles. It passed the City Council in 1991.
- Former member of the City of Los Angeles Bicycle Advisory Committee.
- Promoted, planned, and secured funding for bicycle park-and-ride stations which link to express bus service to downtown Los Angeles from West Los Angeles.
- Helped the Los Angeles County Metropolitan Transportation Authority draft a Bikes-on-Rail Transit policy.
- Spearheaded an effort to include provisions for bicycle plans and amenities ordinances for all cities in the South Coast Air Quality Management Plan for the Los Angeles region.
- Served as the Chair of the Legislative Committee of the California Bicycle Coalition. Works to pass state laws favorable to bicycles and to increase the statewide funds for bicycle projects.