Integrating CS into Local Plans

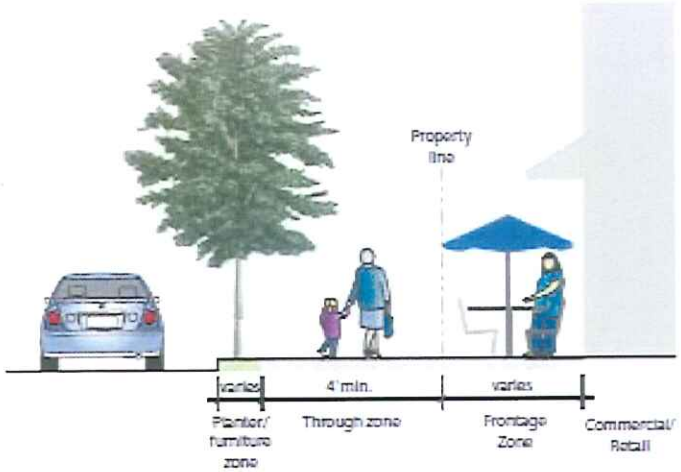
- General Plan
  - Overarching Vision Statement
  - Each Element has Goals, Objectives and Implementing Policies
  - Integrated into other elements
- Other local plans
  - Bicycle and Pedestrian Plans
  - Zoning / Subdivision
  - Street Standards

Vision Statement

The community of [Jurisdiction] envisions a transportation system that:

- Encourages healthy, active living
- Promotes transportation options and independent mobility
- Increases community safety and access to healthy food
- Reduces environmental impact
- Mitigates climate change
- Supports greater social interaction and community identity

Sidewalk Zones:



Commercial

Circulation Element: Example Goal Statement

Provide "Complete Streets" that are safe, comfortable, and convenient routes for walking, bicycling, and public transportation **to increase use of these modes** of transportation, enable active travel as part of daily activities, reduce pollution, and meet the needs of all users of the streets, including bicyclists, children, persons with disabilities, pedestrians, users of public transportation, seniors, youth, and families, while continuing to **maintain a safe and effective transportation system for motorists** and movers of commercial goods consistent with the other goals, objectives, and policies of this plan.

Example: Santa Barbara, CA

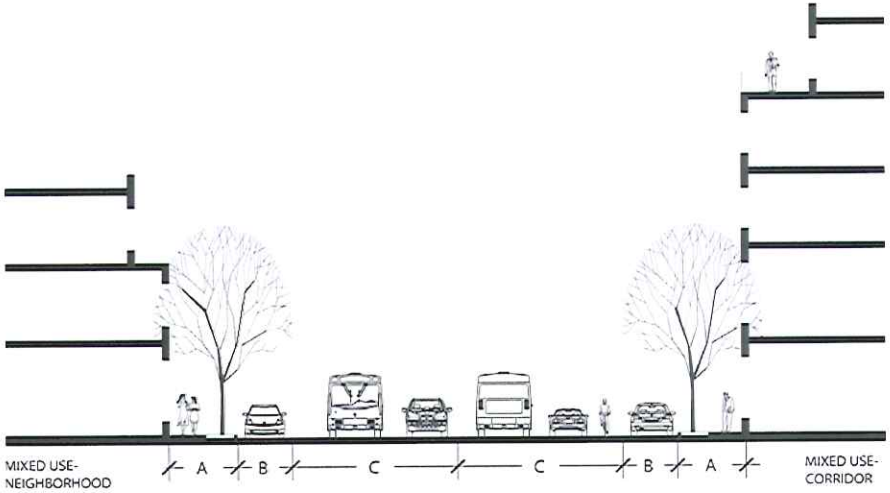
General Plan Circulation Element (1998) Goals:

- Strive to Achieve Equality of Choice Among Modes
- Increase the Availability and Use of Transit
- Increase Bicycling as a Transportation Mode

Source: Santa Barbara, CA (Dan Burden, Walkable and Livable Communities Institute, Inc.)

Circulation Element:
Example Objective Statements

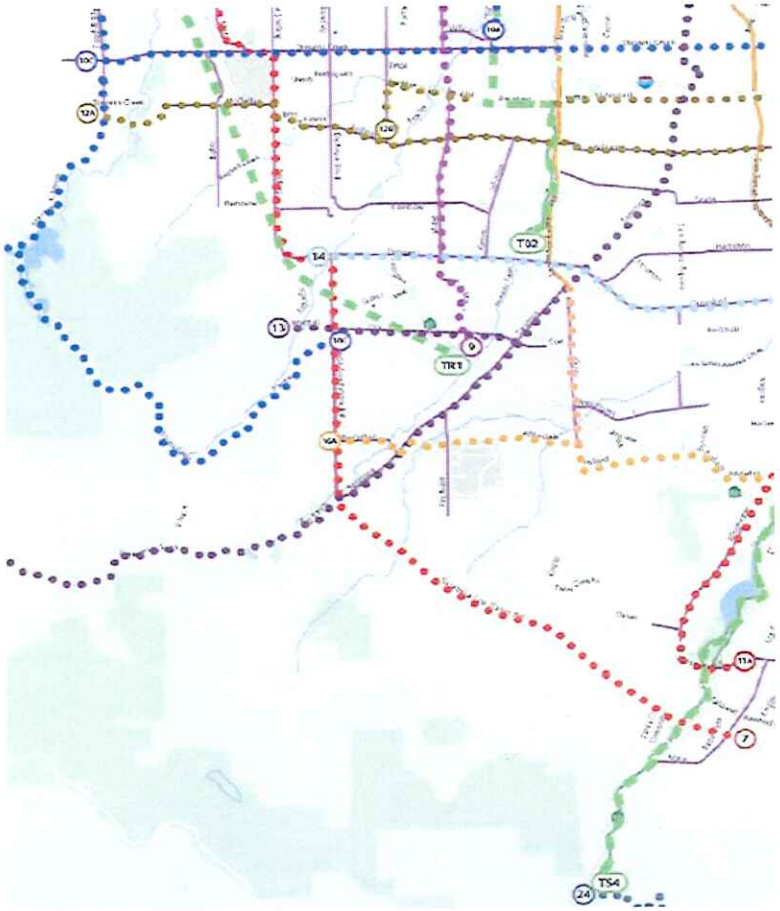
- Integrate CS infrastructure and design features into street design and construction
- Make CS practices a routine part of [Jurisdiction]'s everyday operations



Sample Transit Street Cross-Section
Source: Redwood City General Plan

Circulation Element:
Example Objective Statements

- Plan and develop a bicycle and pedestrian transportation network
- Promote safety of bicyclists, pedestrians, and public transportation
- Make public transportation an interconnected part of the transportation network

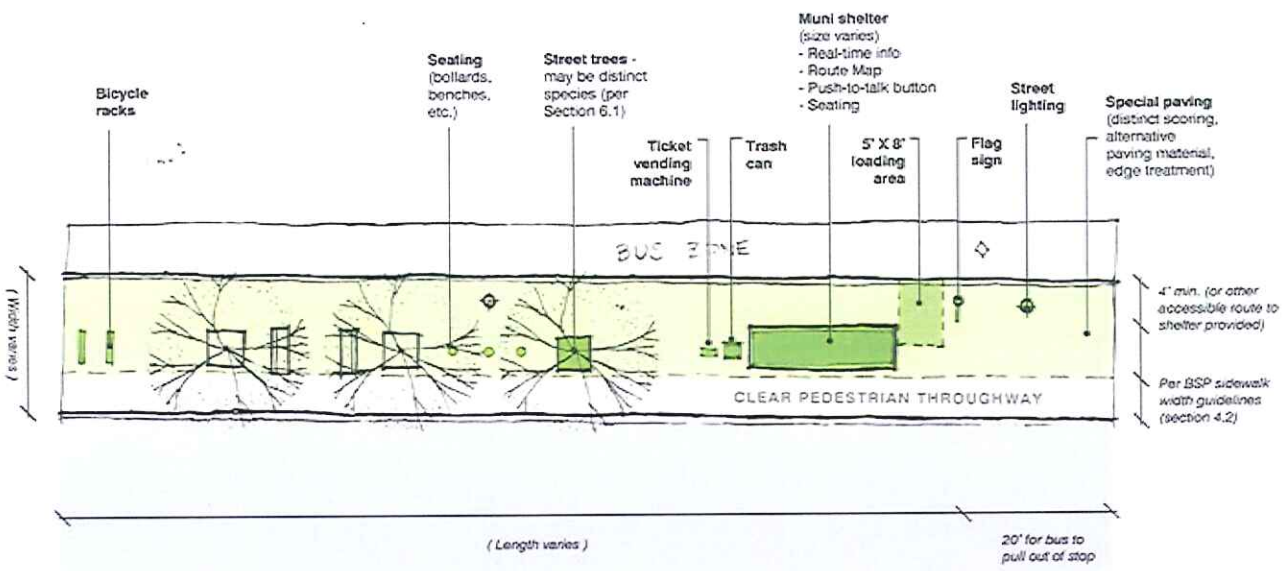


Cross County Bicycle Corridors

Source: Santa Clara Countywide Bicycle Plan

Circulation Element:
Example Implementing Policies

- Define CS infrastructure – street configuration, crossings, support facilities
- Adopt or revise specific codes, guidelines or regulations



Source: San Francisco Better Streets Plan

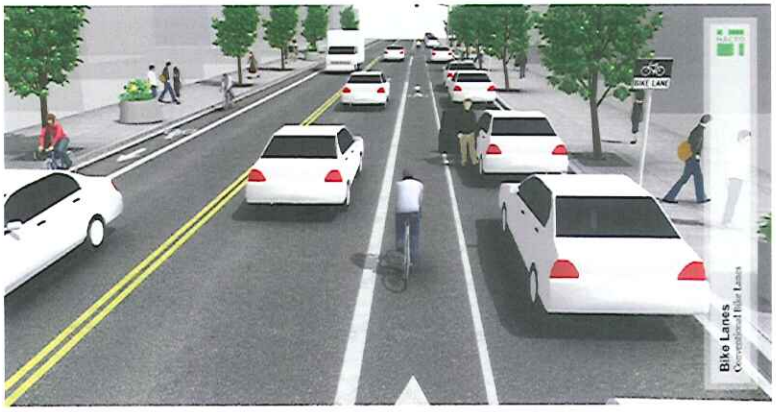
Facilities in Rural Areas

OPR Guidance:

- May have large distances between destinations
- Bicycle facilities may include roadway shoulders and/or state highway routes
- Pedestrian facilities may include roadway shoulders, benches, and covered bus stops

Facilities in Urban Areas

- Sidewalks
- Crosswalks
- Curb extensions
- Plazas
- Transit service/stations
- Bicycle facilities

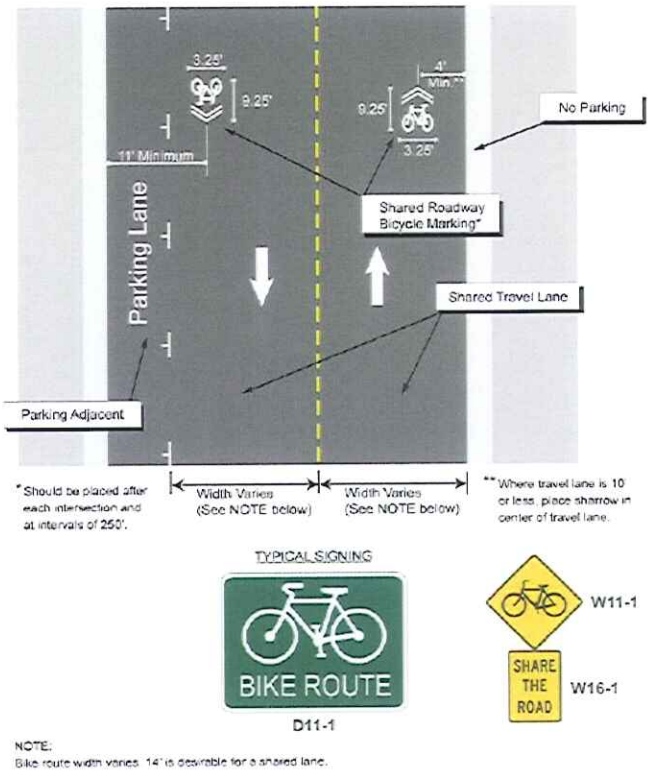


Source: NACTO Urban Bikeway Design Guide

Example: Redwood City, CA

General Plan Circulation Element 2010

...the Redwood City General Plan organizes streets and other transportation facilities according to ***typologies*** *that consider the context and prioritize different travel modes for each street. Together, the typologies provide a* ***network of "complete streets"*** *to accommodate all types of local transportation modes...*

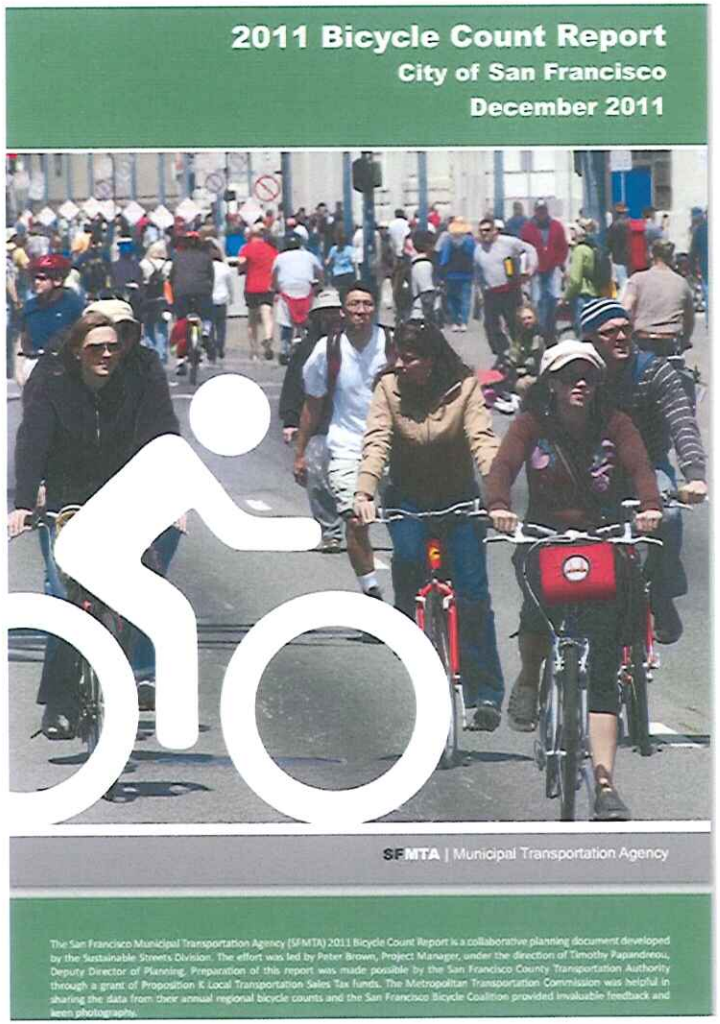


Shared Lane Marking Section

Source: Redwood City General Plan

Circulation Element:
Example Implementing Policies

- Identify measurable performance standards and collect data
  - Current mode split (Census/ACS data, transit data, bicycle and pedestrian counts)
  - User preferences (surveys)
  - SWITRS crash data
  - Transportation needs: households without vehicles, persons with disabilities, children, etc.



Example: Citrus Heights, CA

General Plan (2011)

Improve the existing street network to ***minimize travel times*** *and* ***improve mobility*** *for transit, bicycle, and walking trips between new projects and surrounding land uses to reduce vehicle trips.*

Example: San Jose, CA

Bike Plan 2020 Goal:

- Expand bikeway network from 250 to 500 miles
- Increase bike trips from 1% to 5%
- Reduce bike collision rate by 50%
- Add 5,000 bike parking spaces
- Achieve "Gold" bike-friendly community ranking

Circulation Element:
Example Implementing Policies

- Incorporate improvements into routine maintenance:
  - Pavement resurfacing
  - Restriping
  - Signal operations

Circulation Element:
Example Implementing Policies

- Develop policies and tools to improve CS practices
  - Pedestrian crossings policy
  - Revise zoning & other code language (e.g. bicycle parking requirements)

Circulation Element:
Example Implementing Policies

- Promote connections between modes
- Make training available to staff
- Establish performance measures
- Develop funding strategies

CS in Land Use Elements

- Land use patterns and decisions encourage multi-modal choices
  - Land use mix that promotes multiple modes to access destinations
  - Streetscape standards that result in pleasant pedestrian environments
  - Transit-oriented development

Example: San Ramon, CA

Integration of Land Use and Transportation Policy 5.6-I-6:

Encourage new development to include a ***mix of uses*** *and* ***Complete Streets concepts*** *that will allow people to walk and bike between destinations and reduce the amount of automobile vehicle miles traveled*

CS in Public Facilities/Capital Improvements Elements

- Provide children with safe and appealing opportunities for walking and bicycling to school
  - Encouragement programs
  - Enforce traffic laws near schools
  - Reduce speed limits near schools
  - Promote neighborhood school siting

CS in Open Space or Parks and Recreation Elements

- Increase use of parks and open space for physical activity and encourage residents to access parks by multiple modes
  - Network of bike/ped routes to parks
  - Traffic calming, intersection treatments, & transit stops near parks
  - Bicycle parking

CS in Community Health Elements

- Integrate physical activity into daily routines
  - Access to destinations: recreational areas, schools, housing, employment, etc.
  - Provide comfortable environments and destinations

Complete Streets in Other Plans & Policies

- Transit Plans
- Bicycle & Pedestrian Plans
- Streetscape Plans
- Zoning Ordinances
- Design & engineering standards
- Bicycle parking
- Safe Routes to School

Bicycle and Pedestrian Plans

- Bicycle & pedestrian plans provide tools & techniques for implementing CS
  - Promote supportive policies
  - Define a network of improvements
  - Identify performance measures