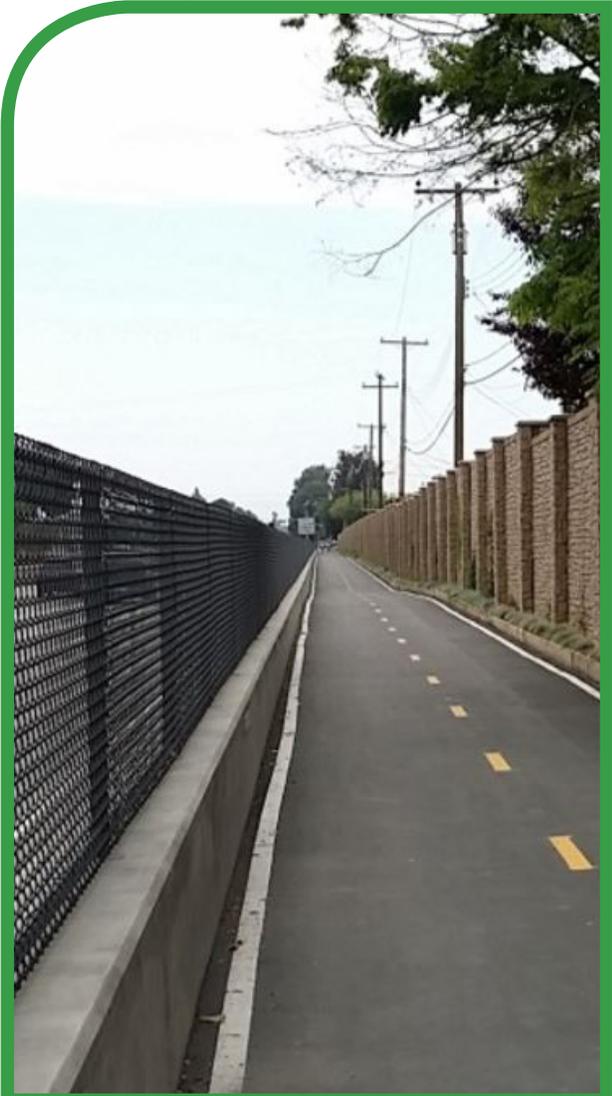




Roads and Airports
Department
2019

County
Expressway
Bicycle
Accommodation
Guidelines



Introduction

The Bicycle Accommodation Guidelines (BAG) will be used to develop potential bicycle improvement projects throughout the expressway system. It includes design details and written policies.

The BAG is consistent with the Caltrans D4 Bike Plan and NACTO Urban Bikeway Design Guide.

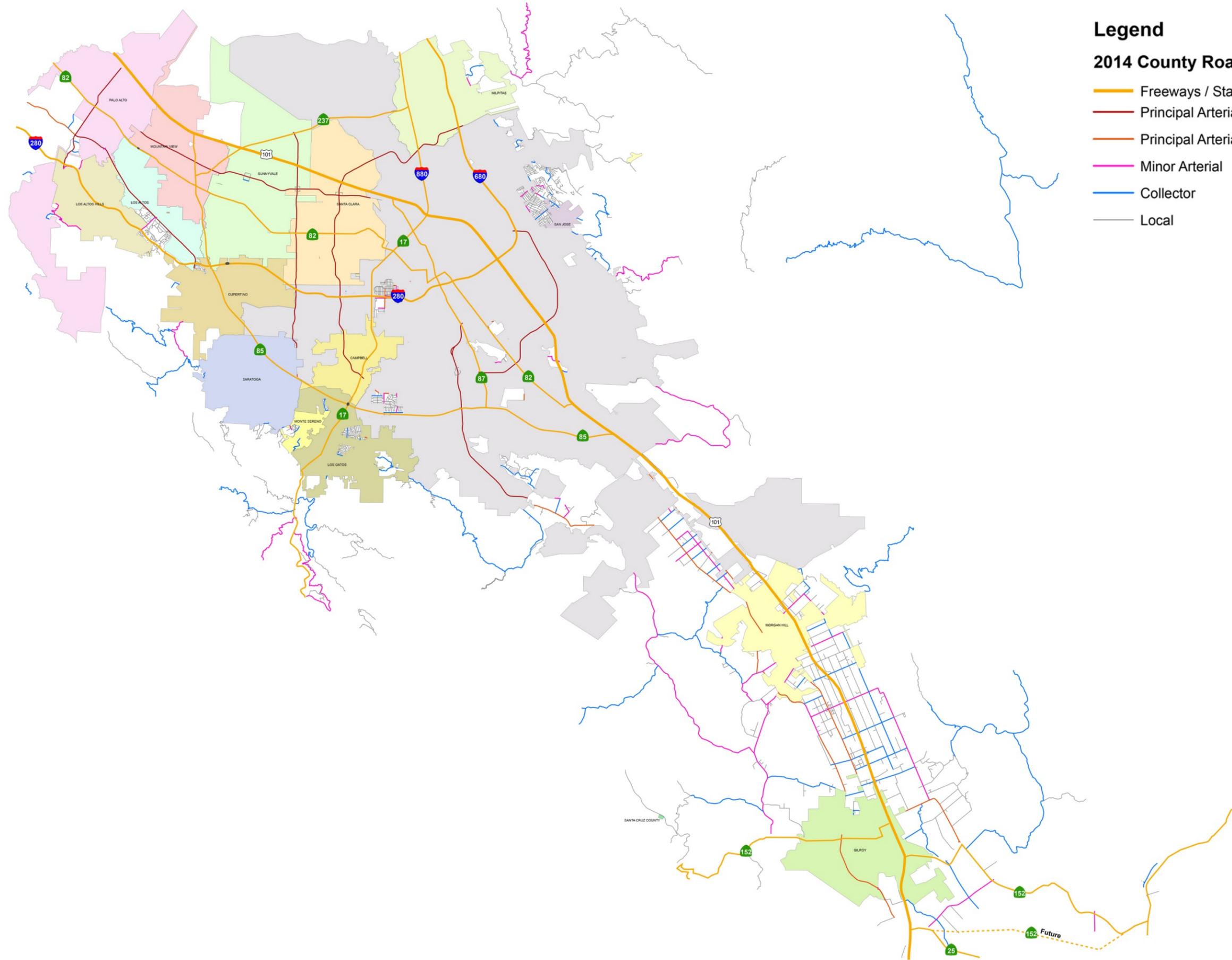
Objectives

The following objectives and guidelines have been used to develop the BAG:

- Provide safer accommodation for bicyclists along all expressways.
- Be consistent along the entire length of each expressway and among the expressways for the benefit of both motorists and cyclists, to the extent possible.

County Road Classification

- **Principal Arterial – Expressway**
- **Principal Arterial – Non-expressway**
- **Minor Arterial**
- **Collector**
- **Local**



Legend

2014 County Road Classification

- Freeways / State Highways
- Principal Arterial - Expressway
- Principal Arterial - Non-expressway
- Minor Arterial
- Collector
- Local

Bicycle treatments by County Road Classification

Principal Arterial – Expressway

- **Bike Lanes**
 - Buffered Bike Lanes
- **Intersections**
 - Intersection Crossing Markings
 - Median Refuge Island
 - Through Bike Lanes
 - Combined Bike Lane/Turn Lane (Bike slot)
- **Bicycle Signals**
 - Bicycle Signal Heads
 - Signal Detection and Actuation
 - Active Warning Beacon
 - Hybrid Signal for Bike Route Crossing of Major Street
- **Bikeway Signing & Marking**
 - Shared Lane Markings

Principal Arterial – Non-expressway

- **Bike Lanes**
 - Buffered Bike Lanes
- **Intersections**
 - Bike Boxes
 - Intersection Crossing Markings
 - Median Refuge Island
 - Through Bike Lanes
 - Combined Bike Lane/Turn Lane
- **Bicycle Signals**
 - Bicycle Signal Heads
 - Signal Detection and Actuation
 - Active Warning Beacon
 - Hybrid Signal for Bike Route Crossing of Major Street
- **Bikeway Signing & Marking**
 - Shared Lane Markings

Minor Arterial

- **Bike Lanes**
 - Conventional Bike Lanes
- **Intersections**
 - Bike Boxes
 - Intersection Crossing Markings
 - Median Refuge Island
 - Through Bike Lanes
 - Combined Bike Lane/Turn Lane
- **Bicycle Signals**
 - Bicycle Signal Heads
 - Signal Detection and Actuation
 - Active Warning Beacon
 - Hybrid Signal for Bike Route Crossing of Major Street
- **Bikeway Signing & Marking**
 - Shared Lane Markings

Collector

- **Bike Lanes**
 - Conventional Bike Lanes
- **Intersections**
 - Intersection Crossing Markings
 - Through Bike Lanes
 - Combined Bike Lane/Turn Lane
- **Bicycle Signals**
 - Active Warning Beacon
- **Bikeway Signing & Marking**
 - Shared Lane Markings

Local

- **Bike Lanes**
 - Conventional Bike Lanes
- **Intersections**
 - Intersection Crossing Markings
 - Through Bike Lanes
 - Combined Bike Lane/Turn Lane
- **Bicycle Signals**
 - Active Warning Beacon
- **Bikeway Signing & Marking**
 - Shared Lane Markings