

A photograph of three children riding bicycles on a paved path through a wooded area. The child in the center is wearing a blue and orange striped shirt and a black helmet. The child on the left is wearing a pink shirt and a white helmet. The child on the right is wearing a blue shirt and a black helmet. The path is surrounded by trees and foliage. A large red banner is overlaid on the right side of the image, containing the word "Cannon" in white. Below the banner, the text "Bike Infrastructure" is written in white on a dark grey background. A large white curved graphic element is on the left side of the image.

Cannon

Bike Infrastructure

Reliable Responsive Solutions

We have provided Reliable Responsive Solutions to clients for projects large and small since 1976.

Our bike infrastructure team of professionals include:

- Civil Engineers
- Structural Engineers
- Electrical Engineers
- Landscape Architects
- Agricultural Engineers
- Land Surveyors
- Land Use Planners
- Construction Managers

Committed to Thoughtful Design

At Cannon, our engineers know road design and are committed to advancing the development of integrated, safe, and enjoyable bicycle infrastructure for riders of all levels. As cyclists, we realize there is more to bike facility design than lines on a plan.

To stay at the forefront of cutting edge developments, our designers regularly engage other professionals in the field, attend workshops and specialized training programs, and incorporate the latest multi-modal agency standards as they are released. We also participate in bike advocacy and community planning in addition to sponsoring and hosting several bicycle events annually:

- The Mojave Death Race
- Death Ride - Tour of the California Alps
- San Luis Obispo Triathlon
- Bike to work Day
- Cannon Coaster Ride - an annual tour traversing the length of California's coastal highways

Our passion for cycling is apparent in the work we do whether it's designing and constructing a connector trail between cities, safe routes for our children to walk and ride to school, or multi-use pathways to bring functional, alternative transportation modes to users of all abilities.

Projects

Overview

- Multi-Use Pathways
- Safe Routes to School
- Rural and Urban Multi-Use Trails
- Class I, II, III, and IV Bike Paths
- Buffered Lanes
- Bicycle Bridges
- Bicycle Facilities

Services

- Planning and Preliminary Engineering
- Engineering and Design
- ADA Compliance
- Landscape Architecture
- Cost Estimating
- Surveying and Mapping
- Construction Management
- Public Agency Permit Processing
- Grant Application Support



Bob Jones Trail and Extension Project

San Luis Obispo, California

This is a one-mile Class I Bikeway located along the historic Pacific Coast Railroad right-of-way. Segments of the bikeway cut through a heavily wooded area along the San Luis Creek. Cannon prepared plans, specifications, and cost estimates for grading, drainage, and culvert crossings; determined the location and prepared design parameters for a prefabricated concrete bridge; provided construction staking/observation; and provided survey services.



Righetti Ranch Class I & II, Shared-Use Paths & Roundabout

San Luis Obispo, California

With an emphasis on preserving views and the agrarian feel of Righetti Hill, Cannon designed approximately 7,500 linear feet of Class I bike paths and new Class II bike lanes for the Righetti Ranch and Jones Ranch developments. Additionally, the project includes widening and improving existing Class II bike lanes, bike path bridges, and a roundabout.



21st Street Complete & Green Street

Paso Robles, California

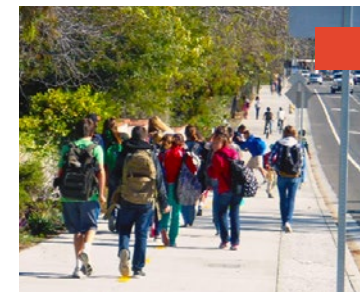
This project improved the quality of stormwater runoff reaching the Salinas River, reduced traffic speeds with traffic calming devices, shaded the street with trees, provided Class II bike lanes, and much more. Cannon provided landscape architecture; preliminary and final design; railroad right-of-way coordination; subconsultant coordination; plans, specifications, and construction estimate; public outreach services; and construction management.



San Luis Ranch Class I & II, Buffered Bike Lanes

San Luis Obispo, California

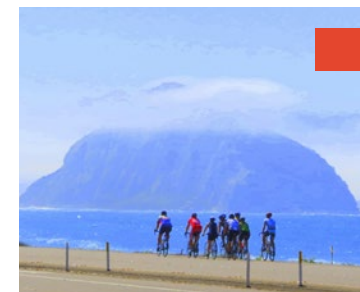
The San Luis Ranch project provides a combined Class I bike trail and fitness loop connecting to a nature trail with interpretive signage and a monarch butterfly viewing area; additional Class I bike connections to various areas in the San Luis Obispo region; protected bicycle intersections; improvements to an existing AC path to Class I standards; Class II buffered bike lanes; and a protected bikeway along Madonna Road from El Mercado to Highway 101.



LOVR Safe Routes to School Multi-Use Pathway

San Luis Obispo, California

The Safe Routes to School program provided an opportunity to improve traffic circulation on Los Osos Valley Road. Cannon provided design, construction documents, specifications, and construction estimate for the project, which included a 12-foot minimum path, installation of signage alerting traffic, stamped concrete to provide a visual buffer between the adult bicycle lane and multi-use pathway to maximize the buffer against motor-vehicle traffic, and more.



Morro Bay to Cayucos Connector

Morro Bay, California

Closing a large, unimproved bicycle connection gap between Morro Bay to Cayucos, this project provides a one-mile Class I bike pathway along unobstructed ocean frontage. It also provides safe, reliable bicycle and pedestrian facilities between the two cities, and incorporates a new bicycle bridge over Toro Creek. Cannon provided project management and design for the project, which was coordinated with SLO County and Caltrans.

A Shared Vision

Partnerships Based on Trust *Strengthened Through Advocacy, Standards, and Regulations*

Creating effective infrastructure requires collaboration. Whether it is municipalities seeking grant funding, developers working to satisfy local requirements, or advocacy groups looking for opportunities to enhance bike and pedestrian infrastructure, Cannon is able to mediate between multi-agency project teams. Our history of working on projects of all sizes, our familiarity with bicycle standards and requirements, and our staff's involvement in advocacy groups ensures that you have a consultant who is looking out for your best interests.

The Bike Community

Regular investment in local advocacy groups and stakeholders is woven into the fabric of how we do things. Our team stays at the forefront of bike infrastructure best practices through education, networking, and engaging with policy-makers. Our experience as cyclists informs design standards that are functional and effective.

Cannon staff have worked directly with, are knowledgeable of, or have been personally involved in the following organizations, regulations, and educational opportunities:

Regulatory Agencies

- U.S. Department of Transportation
- National Association of City Transportation Officials
- National Highway Traffic Safety Administration
- American Association of State Highway and Transportation Officials
- Federal Highway Administration Bicycle and Pedestrian Program

Bike Advocacy Groups

- League of American Bicyclists
- Bike SLO County
- San Luis Obispo County/City Bicycle Advisory Committee
- Central Coast Concerned Mountain Bikers
- Central Coast Distracted Driving Awareness Partnership
- San Luis Obispo Bicycle Club

Educational Involvement

- Vision Zero
- PeopleForBikes
- San Luis Obispo County Bikeways Plan
- Central Coast Regional City Bicycle Master Plans
- San Luis Obispo Bicycle Transportation Plan
- California Department of Transportation Highway Design Manual
- California Department of Transportation Class IV Facilities Presentation
- UC Berkley Tech Transfer: "Bikeway Facility Design and Safety Improvements," Presented by Rock Miller



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