



**Overview:** Preliminary and final roadway design; bridge and retaining wall design, multi-use trail design, drainage design, utility coordination, assistance during construction.

**Owner:** City of Boulder, CO

**Completion:** 2006

## 28th Street, Baseline to Arapahoe, Phase 2

### Project Description

City of Boulder regards 28th Street as a gateway to Boulder for visitors, CU students and parents, residents and commuters. When the 28th Street Improvements project is completed, 28th Street from Baseline Road to Iris Avenue will be transformed into a multi-modal corridor with unique transportation, safety, visual and economic enhancements.

Centennial recently completed design on Phase 2 of the 28th Street Improvement Project for the City of Boulder. This 2-phase, 1.9 mile long project includes widening the existing roadway to accommodate bicycle lanes on the frontage road, raised concrete medians, and additional turn lanes at the major intersections. A new bus transfer facility is also included in the project.

Design services provided include preliminary and final roadway design, bridge and retaining wall design, multi-use trail design, drainage design, utility coordination, preparation of construction documents, and assistance during construction.

Functional art is incorporated into several components of the improvements. Significant coordination with artists and architectural designers was required to provide engineering design for large retaining walls and structural support for other art features. Where caisson walls were not feasible, Centennial produced a design for soil nail walls.



28th Street Project incorporated functional art into many components of the project



#### SERVICES

Structural Engineering & Design  
Roadway Design  
Construction Engineering  
Traffic Engineering  
Intelligent Transportation Systems (ITS)  
Surveys & Right-of-Way  
Information Technology Systems

#### CONTACTS

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