

# Charlier Associates, Inc.

## PROJECT EXPERIENCE

### TRAILS, PARKS & OPEN SPACE MASTER PLAN UPDATE

Thornton, Colorado (completed)

Charlier Associates, Inc (CAI) served as a sub-consultant to Wenk Associates on the City of Thornton Trails, Parks and Open Space Master Plan Update. CAI was responsible for integrating the parks and open space plans into a continuous local and regional trail network. CAI inventoried and mapped existing trail facilities within the city and just outside its borders to develop a functional classification system to organize and plan for future facilities. CAI also performed extensive field research and used Geographic Information Systems (GIS) to develop a series of existing conditions and network planning maps. The maps were used to develop an inventory list of missing trail facilities and barriers in the existing system. A set of improvements for each of the missing links and barriers was mapped for trail planning purposes. Each of the missing links and barrier improvements was also assigned general construction standards and cost estimates for future planning and budgeting.

As part of the project CAI also developed a uniform set of design standards for the new functional classification system. The design standards are applicable to new development and retrofitting existing facilities. Design recommendations for the following trail facilities and amenities were developed:

- Benches
- Bicycle Racks
- Lighting
- Maps
- Parking
- Restrooms
- Signage
- Transit Access
- Trash Receptacles
- Water Fountains

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